

Sprint 1 Planning Meeting Minutes

Start Time: 10:30

End Time: 11:30

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 22 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. Decide on the tech stack
 - a. Story Points: 2
 - b. As a team, we want to determine what languages and frameworks we will utilize for our project frontend and backend.
2. Think about the UI and features
 - a. Story Points: 5
 - b. As a team, we want to determine what features will be of most importance to our website.
3. Review documentation and self study
 - a. Story Points: 5
 - b. As a team, we want to ensure that each member is familiar with the tech stack we will be utilizing. This will require reviewing documentation and self study throughout the first sprint.
4. Set Up GitHub Repository and Google Docs
 - a. Story Points: 5
 - b. As a team, we want to ensure that every member has access to all files that pertain to our project.
5. Set Up the Project Database
 - a. Story Points: 5
 - b. As a team, we want to ensure we want to ensure we have a consistent database available to all members for testing and development.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Review documentation and self study
 - b. Set up the Project Database
2. Roseline Damiscar
 - a. Review documentation and self study
 - b. Set Up GitHub Repository and Google Docs
3. Angie Salazar
 - a. Review documentation and self study

- b. Set Up GitHub Repository and Google Docs
- 4. Mauricio Cubillos
 - a. Review documentation and self study
 - b. Decide on the tech stack
- 5. Paola Montejo
 - a. Review documentation and self study
 - b. Think about the UI and features

Sprint 1, Day 1 Standup

Attendees: Zara Moreno, Angie Salazar, Roseline Damiscar, Mauricio Cubillos, Paola Montejo

Start time: 11:30 AM

End time: 12:30 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - I worked 2 hours since the last meeting.
- What was done since the last scrum meeting?
 - It was decided that we would use MongoDB as our Project Database.
- What is planned to be done until the next scrum meeting?
 - Set up the Project Database so all members have access.
- What are the hurdles?
 - Ensuring that MongoDB is a compatible option for our project.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Created google drive
- What is planned to be done until the next scrum meeting?
 - Organizing and adding needed docs into the drive
- What are the hurdles?
 - Getting familiar with the tech stack

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2 hours
- What was done since the last scrum meeting?
 - Created the repository
- What is planned to be done until the next scrum meeting?
 - Initialize repository metadata
- What are the hurdles?
 - Researching how to create a kanban board on a Git repository

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Decide we are going to ExpressJS and React for the tech stack
- What is planned to be done until the next scrum meeting?
 - Create a basic setup for the website
- What are the hurdles?

- Evaluating pros and cons

Paola Montejo:

- How many hours did I work since the last meeting?
 - I worked 2 hours since the last meeting.
- What was done since the last scrum meeting?
 - Began reviewing documentation for the frameworks under consideration. Looked into React and Express JS basics.
- What is planned to be done until the next scrum meeting?
 - Continue self study and take notes of important info.
- What are the hurdles?
 - None so far, just narrowing down the amount of documentation to focus on.

Sprint 1, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 AM

End time: 8:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Set up MongoDB so all members have access.
- What is planned to be done until the next scrum meeting?
 - Begin testing database for functionality
- What are the hurdles?
 - Reviewing MongoDB operations

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added the require google docs into the google drive for our scrum meetings
- What is planned to be done until the next scrum meeting?
 - Research on ExpressJS and documentation
- What are the hurdles?
 - Figuring out how ExpressJS works

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Began researching documentation for ExpressJS
- What is planned to be done until the next scrum meeting?
 - Continue self-studying ExpressJS with a practice project
- What are the hurdles?
 - Understanding how Express works and debugging mistakes in practice examples

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Use the default template for react and setup basic web applications.
- What is planned to be done until the next scrum meeting?

- Organize repository and pages
- What are the hurdles?
 - Learning and understanding Express

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Documented some pros/cons of the tech stack we chose
- What is planned to be done until the next scrum meeting?
 - Shift focus to UI brainstorming and list out potential website features
- What are the hurdles?
 - Balancing time between deep-diving into documentation and making progress on UI ideas

Sprint 1, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Began testing MongoDB connection and verifying read/write operations.
- What is planned to be done until the next scrum meeting?
 - Create a sample dataset in MongoDB for team members to use.
- What are the hurdles?
 - Figuring out how to structure collections properly for scalability.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Did self-study on ExpressJS
- What is planned to be done until the next scrum meeting?
 - Start research on React and its documentation
- What are the hurdles?
 - Time conflict

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Finished practice ExpressJS project for learning
- What is planned to be done until the next scrum meeting?
 - Start learning MongoDB CRUD by integrating it into the practice project
- What are the hurdles?
 - Finding and fixing mistakes and misunderstandings in notes

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Organized the repository and pages planned to develop
- What is planned to be done until the next scrum meeting?

- Develop mock landing page and discuss the plan behind the algorithm choosing music.
- What are the hurdles?
 - Figuring out the algorithm

Paola Montejo:

- How many hours did I work since the last meeting?
 - 2 hour
- What was done since the last scrum meeting?
 - Drafted a list of core features specific to our project (mood selection screen with buttons and playlist display page that shows pre-made Spotify/YouTube playlists)
- What is planned to be done until the next scrum meeting?
 - Expand on advanced features, especially how we might integrate text input for mood detection.
- What are the hurdles?
 - Unsure which playlists we'll use at first, whether to link external ones or create our own test sets.

Sprint 1, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created a test dataset in MongoDB and confirmed team members can access it.
- What is planned to be done until the next scrum meeting?
 - Document MongoDB setup instructions and share them with the team
- What are the hurdles?
 - Making sure everyone has consistent permission and environment setup.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Researched React and reviewed its documentation
- What is planned to be done until the next scrum meeting?
 - Begin experimenting with basic React components and setup
- What are the hurdles?
 - Difficulty understanding React's component structure and state management

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created playground MongoDB database and integrated it with practice ExpressJS project
- What is planned to be done until the next scrum meeting?
 - Complete and test all CRUD endpoints in practice application
- What are the hurdles?
 - Managing database secrets and designing schemas

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Developed mock up for landing page and started discussion on the algorithm for choosing music
- What is planned to be done until the next scrum meeting?
 - Continue landing page mock up and begin prototyping the music selection algorithm
- What are the hurdles?
 - Complexity of defining clear criteria for the music selection algorithm

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Brainstormed more advanced features (text box where users can type how they're feeling and the backend uses sentiment analysis to detect mood and recommend a playlist)
- What is planned to be done until the next scrum meeting?
 - Finalize the feature list and share with the team for feedback at sprint review.
- What are the hurdles?
 - Sentiment analysis models might be too complex for the first sprint; need to decide if this is something we should focus on later.

Sprint 1 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #1 & User Story #2 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #1: Decide on the Tech Stack

User Story #4: Set Up GitHub Repository and Google Docs

The user stories below are in progress:

User Story #3: Review Documentation and Self Study

User Story #2: Think About the UI and Features

User Story #5: Set Up the Project Database

Sprint 1, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Documented MongoDB setup process and shared access instructions with team.
- What is planned to be done until the next scrum meeting?
 - Begin reviewing MongoDB query operations (insert, update, delete) to prepare for integration.
- What are the hurdles?
 - Understanding the best way to handle test data without interfering with production-like datasets.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Experimented with basic React components and initial project setup
- What is planned to be done until the next scrum meeting?
 - Learn about React props and state by creating small interactive components
- What are the hurdles?
 - Troubleshooting errors during React setup and configuration

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Completed Read and Create endpoints for practice ExpressJS/MongoDB app
- What is planned to be done until the next scrum meeting?
 - Annotate completed endpoints with notes
- What are the hurdles?
 - Debugging CORS errors

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?

- Refined landing page mockup and created an initial prototype of the music selection algorithm
- What is planned to be done until the next scrum meeting?
 - Test early versions of the music algorithm with sample data
- What are the hurdles?
 - Difficulty translating algorithm logic into functional code for music selection

Paola Montejo:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Revisited the UI feature notes from last week and reorganized them into “core” (mood buttons + playlists) and “stretch” (text-based mood detection).
- What is planned to be done until the next scrum meeting?
 - Create a rough sketch/wireframe of the UI layout for the mood selection page to share with the team.
- What are the hurdles?
 - Still figuring out which design tool to use for wireframing (Figma, Canva, or just Google Slides)

Sprint 1, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Created a test database in MongoDB and confirmed that team members can access it
- What is planned to be done until the next scrum meeting?
 - Document MongoDB setup instructions and share them with the team
- What are the hurdles?
 - Making sure everyone has consistent permissions and environment setup

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Experimented with React props and designing project setup
- What is planned to be done until the next scrum meeting?
 - Design the front end page with studying the React documentations
- What are the hurdles?
 - Deciding on what design best fits for the project.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Took notes on documentation and annotated code for reference.
- What is planned to be done until the next scrum meeting?
 - Start Update endpoint for practice project.
- What are the hurdles?
 - Going through documentation and ensuring the notes are correct.

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Planning and setting up test music choices for users

- What is planned to be done until the next scrum meeting?
 - To allow for the project setup to have basic interactivity
- What are the hurdles?
 - Scheduling and learning algorithms for projects

Paola Montejo:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Created a rough wireframe of the mood selection buttons and playlist discovery screen
- What is planned to be done until the next scrum meeting?
 - Add another wireframe for the advanced text input feature
- What are the hurdles?
 - Deciding how much detail to include in the wireframe

Sprint 1, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Looked into MongoDB indexing and tested simple queries with indexes to confirm performance improvements
- What is planned to be done until the next scrum meeting?
 - Summarize findings about database setup and queries in a short report for the team
- What are the hurdles?
 - Determining which indexes will be the most useful without overcomplicating the database structure.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Experimented with React props and designing project setup
- What is planned to be done until the next scrum meeting?
 - Design the front end page with studying the React documentations
- What are the hurdles?
 - Deciding on what design best fits for the project.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Completed Update endpoint in practice project and annotated it with notes.
- What is planned to be done until the next scrum meeting?
 - Start Delete endpoint to complete all CRUD operations.
- What are the hurdles?
 - Debugging database update issues.

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2

- What was done since the last scrum meeting?
 - Planning and setting up test music choices for users
- What is planned to be done until the next scrum meeting?
 - To allow for the project setup to have basic interactivity
- What are the hurdles?
 - Scheduling and learning algorithms for projects

Paola Montejo:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Drafted a wireframe for the text input page, with a text box and playlist results section
- What is planned to be done until the next scrum meeting?
 - Share wireframes with the team for feedback
- What are the hurdles?
 - Ensure the wireframe functionalities are realistic to implement

Sprint 1, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Completed a draft report summarizing MongoDB setup, query operations, and indexing practices for the team
- What is planned to be done until the next scrum meeting?
 - Begin experimenting with connecting the backend (Express JS) to the MongoDB database
- What are the hurdles?
 - Learning the correct configuration and authentication steps for connecting ExpressJS to MongoDB

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Implemented basic frontend design on top of project setup
- What is planned to be done until the next scrum meeting?
 - Test the design and work on links and button for the landing page
- What are the hurdles?
 - Focusing on the frontend design

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Completed Delete endpoint for practice project.
- What is planned to be done until the next scrum meeting?
 - Start reading unit testing documentation for Express and plan a testing suite.
- What are the hurdles?
 - Debugging networking errors with database connection.

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2

- What was done since the last scrum meeting?
 - Planned out and added static music choice for users to interact with
- What is planned to be done until the next scrum meeting?
 - Work on making it dynamic and work with the backend.
- What are the hurdles?
 - Debugging the music page

Paola Montejo:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Reviewed team feedback and adjusted wireframes
- What is planned to be done until the next scrum meeting?
 - Finalize the wireframes to prepare for the sprint review
- What are the hurdles?
 - Uncertainty about how playlists will be displayed (embedded vs a link)

Sprint 1, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Began testing the connection between ExpressJS and MongoDB using the sample routes
- What is planned to be done until the next scrum meeting?
 - Implement a simple API call to confirm full integration
- What are the hurdles?
 - Handling errors when MongoDB isn't running locally and making sure the connection URI works for everyone

Angie Salazar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Tested the designs for buttons and pages from the landing page.
- What is planned to be done until the next scrum meeting?
 - Continue debugging for efficiency in testing.
- What are the hurdles?
 - Frontend debugging

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Researched testing for Express API endpoints and completed all tests.
- What is planned to be done until the next scrum meeting?
 - Complete notes on documentation and annotate code.
- What are the hurdles?
 - Getting acclimated with the testing suite and understanding mocking at first.

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?

- Began to work on making it dynamic
- What is planned to be done until the next scrum meeting?
 - Start working on the backend
- What are the hurdles?
 - Figuring out backend

Paola Montejo:

- How many hours did I work since the last meeting?
 - 2
- What was done since the last scrum meeting?
 - Finalized the wireframes and documented notes explaining what features I consider core vs stretch
- What is planned to be done until the next scrum meeting?
 - Wrap up documentation and ensure everything is uploaded to the shared Google Docs
- What are the hurdles?
 - None

Sprint 1 Review Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners:

- **User Story #1: Decide on the Tech Stack**
 - The team successfully decided on the frontend and backend technologies to be used. This was accepted by the product owner.
- **User Story #2: Think About the UI and Features**
 - A prioritized list of features for the Mood-based Playlist Recommender app was created, including both core (mood selection with pre-made playlists) and advanced (text-based mood detection) features. Accepted.
- **User Story #3: Review Documentation and Self Study**
 - Each team member reviewed documentation related to the chosen tech stack. This improved familiarity with the tools and was accepted.
- **User Story #4: Set Up GitHub Repository and Google Docs**
 - A shared GitHub repository and Google Docs were set up to ensure all members had access to project files. Accepted.
- **User Story #5: Set Up the Project Database**
 - A project database was created and made accessible for development and testing. Accepted.

User Stories Rejected:

- **None**
 - All user stories slated for Sprint 2 were successfully completed and met the acceptance criteria set forth at the beginning of the sprint. No user stories were rejected.

Sprint Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**
 - Velocity was slightly overestimated, as the team encountered unforeseen challenges while setting up tools and reviewing documentation.
- **Did we do a good job estimating the points (time required) for each user story?**
 - Points estimation could have been better. Tasks like setting up the project database and reviewing documentation took longer than anticipated due to unfamiliarity with the stack.
- **Did each team member work as scheduled?**
 - While team members worked according to schedule, balancing time between self study and implementation tasks caused some delays.

What went right?

- All user stories for the sprint were completed and accepted, demonstrating strong collaboration and adaptability.
- The team successfully followed the process for sharing files, updating documentation, and using GitHub effectively.
- Feedback from the product owner validated the feature prioritization (core vs stretch features) and confirmed the project is moving in the right direction.

How to address the issues in the next sprint?

- **How to improve the process?**
 - Allocate more time during Sprint Planning to refine user stories and clarify technical requirements.

- Break down larger tasks (like “Review Documentation and Self Study”) into smaller, trackable items.
- **How to improve the product?**
 - Incorporate product owner feedback to polish the UI/UX ideas and ensure alignment with the app’s goals.
 - Begin light user testing of the mood selection interface to identify usability issues early.

Sprint 2 Planning Meeting Minutes

Start Time: 7:00 PM

End Time: 8:00 PM

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 18 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. Mood buttons backend
 - a. Story Points: 5
 - b. As a user, we want to be able to click a button with a mood written on it so that the respective playlists will be produced.
2. UI for mood selection page
 - a. Story Points: 5
 - b. As a user, I want to see mood buttons displayed on a screen in an aesthetically pleasing way so that it is easy and simple to understand.
3. Error Handling on Mood Selection
 - a. Story Points: 3
 - b. As a user, I want clear feedback if the system cannot generate a playlist for a selected mood so I understand what went wrong.
4. Mood Selection Confirmation
 - a. Story Points: 2
 - b. As a user, I want to see a short confirmation after selecting a mood so I know the playlist is being generated.
5. Learning Spotify API Integration
 - a. Story Points: 3
 - b. As a team, I want to learn how the Spotify API works to integrate playlist data and playback features into the web app.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Learning Spotify API Integration
 - b. Mood buttons backend
2. Roseline Damiscar
 - a. Learning Spotify API Integration
 - b. Error Handling on Mood Selection
3. Angie Salazar
 - a. Learning Spotify API Integration
 - b. Mood Selection Confirmation

4. Mauricio Cubillos
 - a. Learning Spotify API Integration
 - b. Mood buttons backend
5. Paola Montejo
 - a. Learning Spotify API Integration
 - b. UI for mood selection page

Sprint 2, Day 1 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 9:00 PM

End time: 10:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Set up initial research on Spotify API endpoints and authentication flow (reviewed how playlists can be fetched by mood-related keywords)
- What is planned to be done until the next scrum meeting?
 - Begin implementing the backend for mood buttons so that selected moods can trigger API calls
- What are the hurdles?
 - Some confusion around Spotify API authentication

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Debugged majority of issues and small changes to landing page.
- What is planned to be done until the next scrum meeting?
 - To study the Spotify API and how the backend will work.
- What are the hurdles?
 - Deciding on music database and API.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed documentation notes.
- What is planned to be done until the next scrum meeting?
 - Determine all places errors can occur when generating playlists for implementation planning.
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Began to work on making it dynamic
- What is planned to be done until the next scrum meeting?
 - Start researching on the backend and Spotify APIs
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Continued with Spotify API self-study. Began drafting final UI layout for mood selection page in Figma/HTML mockup.
- What is planned to be done until the next scrum meeting?
 - Have at least three button design options to present to team
- What are the hurdles?
 - Uncertain about how the mood buttons should be styled and laid out

Sprint 2, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started drafting backend logic for mood button selection. Tested simple API calls to retrieve playlists based on keywords like “chill” and “focus.”
- What is planned to be done until the next scrum meeting?
 - Continue refining the backend so that each mood button is correctly mapped to a playlist query. Look into handling error cases when no playlists are returned.
- What are the hurdles?
 - Still working through how to properly structure authentication tokens to keep API requests valid over time.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Went through the documentations of Spotify API.
- What is planned to be done until the next scrum meeting?
 - Figuring out how to implement Spotify API with backend
- What are the hurdles?
 - Adjusting to using Spotify API and how to use.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Found a few potential areas for error handling.
- What is planned to be done until the next scrum meeting?
 - Research a bit on error handling and source more possibilities to prepare for.
- What are the hurdles?
 - Analyzing code for vulnerabilities

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Began researching on the backend and Spotify APIs
- What is planned to be done until the next scrum meeting?
 - To test and start a basic setup utilizing APIs
- What are the hurdles?
 - Finding different uses of music databases.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created initial button design variations for the mood selection page
- What is planned to be done until the next scrum meeting?
 - Get feedback from the team and refine the button styles based on their suggestions
- What are the hurdles?
 - Still a bit unsure about aligning the design with Spotify's branding guidelines

Sprint 2, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Connected mood button selections to preliminary backend routes.
- What is planned to be done until the next scrum meeting?
 - Expand backend mapping so that multiple moods (focus, energetic, relaxed) can fetch playlists. Begin adding basic error handling if the API response is empty or fails.
- What are the hurdles?
 - Understanding the best way to store and refresh Spotify access tokens without requiring user login.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Used and tested out mood choice page for the frontend
- What is planned to be done until the next scrum meeting?
 - Design changes to frontend and work with backend for API
- What are the hurdles?
 - Schedule.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Found more issues that would cause errors for handling
- What is planned to be done until the next scrum meeting?
 - Categorize errors and devise some messages for the user
- What are the hurdles?
 - Reading documentation to understand why some errors are thrown

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Started basic setups and tests on how to work with Spotify API
- What is planned to be done until the next scrum meeting?
 - Learning new methods and test cases for the backend
- What are the hurdles?
 - Adjustments around backend and frontend

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Refined mood button designs and started laying out the overall page structure
- What is planned to be done until the next scrum meeting?
 - Finish structuring the page and begin connecting the frontend layout with placeholder backend calls
- What are the hurdles?
 - Not entirely confident in handling responsive layout adjustments for different screen sizes

Sprint 2, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented backend mappings for multiple moods (“chill,” “focus,” and “energetic”). Added initial error handling that provides a clear message if Spotify fails to return a playlist.
- What is planned to be done until the next scrum meeting?
 - Begin testing playlist responses with the frontend mood buttons. Work on ensuring consistent formatting of the playlist data returned to the UI.
- What are the hurdles?
 - Troubleshooting inconsistent API responses, sometimes certain moods return fewer or less relevant playlists.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Planned and decided changes for the frontend to work with mood choices with the backend
- What is planned to be done until the next scrum meeting?
 - Design changes to frontend and work with backend for API
- What are the hurdles?
 - Schedule

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Wrote up error messages for different categories of errors (network failure, requests)
- What is planned to be done until the next scrum meeting?
 - Start building the UI for these messages
- What are the hurdles?
 - Figuring out which categorization would be most natural to a user

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Designed and made test cases for basic tasks in the backend
- What is planned to be done until the next scrum meeting?
 - Working on debugging the test cases
- What are the hurdles?
 - Errors and bugs from either frontend or backend

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed the main structure of the mood selection page with refined buttons
- What is planned to be done until the next scrum meeting?
 - Add transitions/animations for button clicks and start linking with Spotify API test data
- What are the hurdles?
 - Running into difficulty understanding how Spotify's API authentication fits with our UI flow

Sprint 2, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested frontend integration with backend mood button routes. Verified that playlist data from Spotify displays when a mood is selected.
- What is planned to be done until the next scrum meeting?
 - Refactor API response handling so that playlists are displayed in a clean, user-friendly format.
- What are the hurdles?
 - Some Spotify API responses include incomplete metadata (missing images or track previews), which causes layout issues on the frontend.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on the frontend debugging and playlist data working.
- What is planned to be done until the next scrum meeting?
 - Continue working on frontend debugging to implement Spotify
- What are the hurdles?
 - Layout design

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started building React components for error messages
- What is planned to be done until the next scrum meeting?
 - Add functionality for basic UI features (ex. Dismiss error message, see more details)
- What are the hurdles?
 - Styling

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Debugged test cases to pass and ensure features work properly before git push
- What is planned to be done until the next scrum meeting?
 - Test cases for the frontend and integration testing
- What are the hurdles?
 - Test cases failing and difficult to debug.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Set up button animations and confirmed UI flows with the team
- What is planned to be done until the next scrum meeting?
 - Test the UI flow end-to-end with Spotify API mock data
- What are the hurdles?
 - Still waiting on backend progress to fully integrate, which blocks complete testing

Sprint 2 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #5 & User Story #2 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #5: Learning Spotify API Integration

User Story #2: UI for Mood Selection Page

The user stories below are in progress:

User Story #1: Mood Buttons Backend

User Story #3: Error Handling on Mood Selection

User Story #4: Mood Selection Confirmation

Sprint 2, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Refactored API response handling so playlists now show consistent titles and images on the frontend.
- What is planned to be done until the next scrum meeting?
 - Test error-handling scenarios by forcing failed API calls and verifying that the user sees a helpful error message.
- What are the hurdles?
 - Handling edge cases where multiple mood buttons are clicked quickly, which can cause overlapping confirmation messages.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on frontend debugging to implement Spotify API and work with backend mood choices
- What is planned to be done until the next scrum meeting?
 - Start implementing consistent design choices for each page.
- What are the hurdles?
 - Layout design

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented close message functionality for error popups
- What is planned to be done until the next scrum meeting?
 - Implement other QOL features (show more details, retry options)
- What are the hurdles?
 - Testing and responsive UI

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Test cases for the frontend and integration testing
- What is planned to be done until the next scrum meeting?
 - Make test cases for multiple mood chosen for efficiency in testing
- What are the hurdles?
 - Mood choice handling in error.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented a simple confirmation popup after a mood is selected
- What is planned to be done until the next scrum meeting?
 - Get feedback from the team and refine the button styles based on their suggestions
- What are the hurdles?
 - Still a bit unsure about aligning the design with Spotify's branding guidelines

Sprint 2, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested error-handling for failed API calls—confirmation now shows a clear error message when no playlist is returned.
- What is planned to be done until the next scrum meeting?
 - Work on improving playlist variety by experimenting with different Spotify API query parameters for each mood.
- What are the hurdles?
 - Some moods (like “drained” or “overwhelmed”) don’t map well to Spotify’s available categories, making it harder to guarantee relevant playlists.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Continued to work on backend mood choices
- What is planned to be done until the next scrum meeting?
 - To begin implementing consistent design choices for each page.
- What are the hurdles?
 - Debugging the backend

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented a show more details option for error messages.
- What is planned to be done until the next scrum meeting?
 - Implement “retry” QOL feature
- What are the hurdles?
 - Unit testing

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Created test cases for multiple mood chosen for efficiency testing
- What is planned to be done until the next scrum meeting?
 - Make more test cases for multiple mood chosen for efficiency in testing
- What are the hurdles?
 - Mood choice handling in error.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Refined the UI layout for the mood selection page and reviewed button placement options
- What is planned to be done until the next scrum meeting?
 - Incorporate team feedback and begin polishing one finalized UI design
- What are the hurdles?
 - Uncertainty about what mood categories to prioritize on the first version of the page

Sprint 2, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Experimented with Spotify API parameters to improve playlist variety for each mood. Documented which search queries returned the best results for moods like *chill*, *focus*, and *energetic*.
- What is planned to be done until the next scrum meeting?
 - Begin optimizing backend queries so that each mood consistently pulls high-quality playlists.
- What are the hurdles?
 - Some API queries return duplicate playlists or tracks.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started testing mood confirmation with Spotify API calls
- What is planned to be done until the next scrum meeting?
 - Refine mood-to-genre mapping for better playlist matches
- What are the hurdles?
 - Some moods don't map directly to Spotify genres, requiring manual adjustments.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented retry functionality for error popups for playlist creation failures and reviewed Spotify API for authorization and playlist creation
- What is planned to be done until the next scrum meeting?
 - Implement retry functionality for failing to fetch songs
- What are the hurdles?
 - Debugging requests

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Began working on test cases for multiple mood chosen, and figuring out the best method
- What is planned to be done until the next scrum meeting?
 - Ensure testing works for mood choices and to fit with different moods that users will choose.
- What are the hurdles?
 - Ensuring test cases are accurate and efficient

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized one version of the mood selection UI and prepared button components for integration
- What is planned to be done until the next scrum meeting?
 - Start connecting the UI mockup to backend placeholder functions for mood selection
- What are the hurdles?
 - Difficulty making the design responsive across different screen sizes

Sprint 2, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Optimized backend queries so moods return more consistent and higher-quality playlists. Added filtering to reduce duplicates in Spotify results.
- What is planned to be done until the next scrum meeting?
 - Finalize error-handling across all moods and ensure confirmation messages work seamlessly with playlist display.
- What are the hurdles?
 - Some playlists still lack album art or preview links, which can cause gaps in the UI display.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Refined mood-to-genre mapping for better playlist matches
- What is planned to be done until the next scrum meeting?
 - Added retry logic for API calls and created user feedback messages for failed requests
- What are the hurdles?
 - UI styling inconsistencies across pages

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented retry functionality for fetch failures and reviewed Spotify API for song fetching
- What is planned to be done until the next scrum meeting?
 - Update UI for new QOL features
- What are the hurdles?
 - Implementing edge case functionality for dealing with network disconnections or failures

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished some test cases and had to debug and rework around new moods and choice changes
- What is planned to be done until the next scrum meeting?
 - Decide on mood choices for users to select and decide maximum number of choices.
- What are the hurdles?
 - Scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested mood buttons in the mockup with placeholder playlists and validated their visual consistency
- What is planned to be done until the next scrum meeting?
 - Collaborate with backend teammates to ensure the UI is aligned with playlist generation logic
- What are the hurdles?
 - Trouble syncing my progress with backend updates since integration is still being figured out

Sprint 2, Day 10 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized error-handling so that all moods display a clear message if no playlist is available. Implemented fallback logic for missing album art or preview links, ensuring the UI doesn't break.
- What is planned to be done until the next scrum meeting?
 - Prepare demo materials showing mood button functionality, playlist variety, and error-handling flow.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Polished the confirmation UI and aligned design choices across multiple pages.
- What is planned to be done until the next scrum meeting?
 - Conduct end-to-end testing to validate backend and frontend mood selection flow.
- What are the hurdles?
 - Uncertainty about whether users will find the confirmation step intuitive

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Updated UI to incorporate new QOL features into error messages
- What is planned to be done until the next scrum meeting?
 - Complete documentation and finish unit testing, continue to review Spotify API documentation
- What are the hurdles?
 - Responsive UI

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Debugged and ensured test cases for mood buttons and demo functionality are in working order
- What is planned to be done until the next scrum meeting?
 - To finish debugging test cases for mood choices and demo functionality
- What are the hurdles?
 - Figuring out the error as the demo wasn't working properly

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Coordinated with backend teammates and adjusted the UI to better match the API responses
- What is planned to be done until the next scrum meeting?
 - Polish the UI for the mood selection page and prepare it for a demo to the team
- What are the hurdles?
 - Unclear error-handling feedback flow from backend → UI; need team decision on final confirmation/error display

Sprint 2 Review Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

User Stories Rejected:

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners:

- **User Story #1: Mood Buttons Backend**

The backend logic for mood buttons was created, allowing moods to be mapped to playlists. This was successfully demonstrated using mock playlist data and accepted.

- **User Story #2: UI for Mood Selection Page**

A working UI was developed that displays mood buttons in a clean and intuitive layout. The design was responsive and visually clear, and was accepted.

- **User Story #3: Error Handling on Mood Selection**

Error handling was implemented to provide clear messages when playlist generation fails. This gave users feedback on what went wrong and was accepted.

- **User Story #4: Mood Selection Confirmation**

A short confirmation popup was added after selecting a mood, letting users know their playlist was being generated. This was accepted by the product owner.

- **User Story #5: Learning Spotify API Integration**

The team researched and documented Spotify API endpoints and authentication flow. This learning task improved readiness for future integration and was accepted.

User Stories Rejected:

None. All user stories slated for Sprint 2 were successfully completed and met the acceptance criteria set forth at the beginning of the sprint. No user stories were rejected.

Sprint 2 Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**
Velocity was slightly overestimated, as the team ran into unforeseen challenges while implementing backend logic and learning the Spotify API.
- **Did we do a good job estimating the points (time required) for each user story?**
Points estimation could have been better. Tasks like Spotify API research and UI error handling took longer than expected because of new technical requirements.
- **Did each team member work as scheduled?**
Team members worked consistently, but coordinating backend integration with UI tasks caused some delays.

What went right?

- All user stories for the sprint were completed and accepted, showing strong teamwork and adaptability.
- The UI for the mood selection page was successfully implemented in a clean, user-friendly way.
- The team documented Spotify API integration steps, which will make future development smoother.
- Feedback from the product owner confirmed that the project is moving in the right direction and validated the approach to mood-based playlist generation.

How to address the issues in the next sprint?

- **How to improve the process?**
 - Spend more time refining technical requirements and dependencies during Sprint Planning.

- Break down tasks with backend–frontend dependencies into smaller chunks so progress can be tracked more clearly.
- **How to improve the product?**
 - Use product owner feedback to further refine UI designs and ensure error messages/confirmation flows are intuitive.
 - Begin initial testing of the Spotify API with real data to confirm backend–frontend integration works as expected.

Sprint 3 Planning Meeting Minutes

Start Time: 7:00 PM

End Time: 8:00 PM

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 18 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. **Spotify API Connection Setup**
 - a. *Story Points: 5*
 - b. As a user, I want the app connected to Spotify so that mood button selections can pull real playlists.
2. **Playlist Display Page**
 - a. *Story Points: 5*
 - b. As a user, I want to see a playlist generated for my chosen mood on a clean display page so I can interact with it easily.
3. **Loading Indicator for Playlist Generation**
 - a. *Story Points: 2*
 - b. As a user, I want to see a loading indicator when a playlist is being generated so I know the system is working.
4. **Basic Playback Controls (Play/Pause)**
 - a. *Story Points: 5*
 - b. As a user, I want simple playback controls on the playlist page so I can listen to songs directly..
5. **Error Message for Spotify Connection Issues**
 - a. *Story Points: 3*
 - b. As a user, I want to see an error message if the Spotify connection fails so I understand why playlists aren't loading.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Spotify API Connection Setup
 - b. Loading Indicator for Playlist Generation
2. Roseline Damiscar
 - a. Playlist Display Page
 - b. Error Message for Spotify Connection Issues
3. Angie Salazar
 - a. Playlist Display Page
 - b. Loading Indicator for Playlist Generation

4. Mauricio Cubillos
 - a. Spotify API Connection Setup
 - b. Basic Playback Controls
5. Paola Montejo
 - a. Playlist Display Page
 - b. Error Message for Spotify Connection Issues

Sprint 3, Day 1 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed Spotify API documentation to confirm the steps needed for app authentication and playlist retrieval.
- What is planned to be done until the next scrum meeting?
 - Begin implementing the authentication flow for the Spotify API connection and test basic requests.
- What are the hurdles?
 - Ensuring the correct authentication method is chosen since our app doesn't require user logins.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Polished the confirmation UI and aligned design choices across multiple pages.
- What is planned to be done until the next scrum meeting?
 - Test the mood selection flow from start to finish.
- What are the hurdles?
 - Uncertainty about whether users will find the confirmation step intuitive.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished documentation for previous features
- What is planned to be done until the next scrum meeting?
 - Start planning components for playlist display page
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Finishing up on debugging test cases for mood choices and demo functionality
- What is planned to be done until the next scrum meeting?
 - Researching on Spotify API and
- What are the hurdles?
 - Working with playlists and music genres.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed the design and layout for the Playlist Display Page and researched how to handle Spotify API connection errors
- What is planned to be done until the next scrum meeting?
 - Start implementing the Playlist Display Page layout and set up basic error handling for Spotify connection issues
- What are the hurdles?
 - Uncertainty about how to retrieve and format playlist data from the Spotify API for display and how to trigger meaningful error messages when connections fail

Sprint 3, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Set up initial authentication flow for the Spotify API using the Client Credentials method.
- What is planned to be done until the next scrum meeting?
 - Work on refining the backend connection so mood button inputs trigger Spotify API calls directly.
- What are the hurdles?
 - Some Spotify endpoints require user-level authentication, so I need to confirm which endpoints work with only the app-level token.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Ran initial end-to-end tests on mood selection and confirmation flow.
- What is planned to be done until the next scrum meeting?
 - Collect feedback on confirmation step usability.
- What are the hurdles?
 - Inconsistent results depending on user path.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Planned out color branding for playlist display page
- What is planned to be done until the next scrum meeting?
 - Start creating components for display page, starting with a simplified playlist view
- What are the hurdles?
 - Making the color combinations appealing

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Done research on Spotify documentation and worked with playlists.
- What is planned to be done until the next scrum meeting?
 - To begin working on the backend for the music database and create test playlists users can generate.
- What are the hurdles?
 - Scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started the playlist display page layout and connected placeholder components to prepare for real playlist data
- What is planned to be done until the next scrum meeting?
 - Integrate the Spotify API to fetch sample playlists for testing the display page
- What are the hurdles?
 - Understanding Spotify's API authentication flow

Sprint 3, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Connected mood button inputs to trigger backend Spotify API calls. Started a draft implementation of the loading indicator.
- What is planned to be done until the next scrum meeting?
 - Expand mood-to-playlist mapping so more moods return relevant results. Finalize the loading indicator logic so it activates as soon as a mood button is clicked and disappears when playlists are displayed.
- What are the hurdles?
 - Some moods return duplicate or very limited playlists from Spotify, so filtering logic may be required for better results.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created design drafts for the playlist views
- What is planned to be done until the next scrum meeting?
 - Worked with Roseline to select UI
- What are the hurdles?
 - Figuring out the UI

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Made skeletons for playlist view component design drafts
- What is planned to be done until the next scrum meeting?
 - Pick and build UI for the selected design
- What are the hurdles?
 - Some CSS fixes

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Started on the backend for the music database defining objects.
- What is planned to be done until the next scrum meeting?
 - Will begin developing static playlist objects in the database to test the integration between the frontend and backend.
- What are the hurdles?
 - None.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Integrated Spotify API calls to fetch playlist data and confirmed test playlists can be retrieved
- What is planned to be done until the next scrum meeting?
 - Work on formatting the playlist display (titles, cover images, and links)
- What are the hurdles?
 - Playlists sometimes fail to load depending on API rate limits

Sprint 3, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Connected mood button selections to backend Spotify API calls so playlists now generate dynamically. Started implementing the loading indicator logic in the frontend to trigger while waiting for playlist data.
- What is planned to be done until the next scrum meeting?
 - Finalize the loading indicator and test it with different moods to ensure it behaves consistently.
- What are the hurdles?
 - Handling delays in Spotify responses.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Selected and created UI for the playlist
- What is planned to be done until the next scrum meeting?
 - Continue to refine the UI for the playlist display
- What are the hurdles?
 - debugging

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created UI for playlist component from the chosen design
- What is planned to be done until the next scrum meeting?
 - Fix responsivity for smaller devices
- What are the hurdles?
 - Fixing formatting and auto spacing issues

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Started on the backend for the music database defining objects.
- What is planned to be done until the next scrum meeting?
 - Will begin developing static playlist objects in the database.
- What are the hurdles?
 - None.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Formatted playlist data to show cover art, playlist names, and clickable links on the display page
- What is planned to be done until the next scrum meeting?
 - Begin implementing error message handling for Spotify connection issues
- What are the hurdles?
 - Making error messages clear but not intrusive

Sprint 3, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed and tested the loading indicator so it now appears and disappears reliably with Spotify playlist generation.
- What is planned to be done until the next scrum meeting?
 - Start refining the frontend UI for mood-based playlists to improve clarity and user experience.
- What are the hurdles?
 - Running into occasional inconsistencies with Spotify response times, which makes testing a bit unpredictable.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished up the UI for the playlist display
- What is planned to be done until the next scrum meeting?
 - Review the functionality of the playlist display
- What are the hurdles?
 - Scheduling

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Made playlist view responsive
- What is planned to be done until the next scrum meeting?
 - Add functionality to playlist view using mocked data
- What are the hurdles?
 - Understanding media queries

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Worked on basic static playlists in the database.
- What is planned to be done until the next scrum meeting?
 - Will check integration between frontend and backend with playlists.
- What are the hurdles?
 - None.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added a basic error message system for failed Spotify connections
- What is planned to be done until the next scrum meeting?
 - Refine error handling so that it shows user-friendly messages rather than raw error code
- What are the hurdles?
 - Testing different failure scenarios (expired token, no internet, API down) is tricky to simulate consistently

Sprint 3 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #1 & User Story #4 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #1: Spotify API Connection Setup

User Story #4: Basic Playback Controls (Play/Pause)

The user stories below are in progress:

User Story #2: Playlist Display Page

User Story #3: Loading Indicator for Playlist Generation

User Story #5: Error Message for Spotify Connection Issues

Sprint 3, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Refined the frontend UI for mood-based playlists by adjusting layout and labels to make options clearer.
- What is planned to be done until the next scrum meeting?
 - Improve error handling by adding retry logic for failed Spotify calls.
- What are the hurdles?
 - Spotify's occasional delays are still affecting consistency in testing.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Checked the functionality of the playlist
- What is planned to be done until the next scrum meeting?
 - Integrate the UI to the navigation flow of mockup data
- What are the hurdles?
 - Narrowing down inconsistent error replication.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started JavaScript functionality for showing more details when interacting with a playlist view using mocked data
- What is planned to be done until the next scrum meeting?
 - Hook up playlist display with Spotify account
- What are the hurdles?
 - Setting up the mocks

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Tested the integration for the frontend and need to fix errors.
- What is planned to be done until the next scrum meeting?
 - Debugging the frontend integration.
- What are the hurdles?
 - Issues arising from the frontend side of integration.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Improved the error handling flow so messages appear at the top of the screen in plain language
- What is planned to be done until the next scrum meeting?
 - Polish the playlist display page design and test both stories together (playlist display and error handling)
- What are the hurdles?
 - Fine-tuning how quickly the error messages clear

Sprint 3, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed and tested retry logic for failed Spotify API calls. Confirmed that the loading indicator now remains active until data is fully retrieved or a timeout occurs.
- What is planned to be done until the next scrum meeting?
 - Start refining the user interface for the loading indicator to make it visually match the app's color scheme and modernize transitions.
- What are the hurdles?
 - Spotify rate limits can interrupt frequent testing, so I'm spacing out API requests to stay within limits.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Testing and figuring out the database and playlist data and how to use it to display go users
- What is planned to be done until the next scrum meeting?
 - Start brainstorming designs for playlist page
- What are the hurdles?
 - Backend

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started Spotify implementation to display playlists from API
- What is planned to be done until the next scrum meeting?
 - Research some more on Spotify API
- What are the hurdles?
 - API key storage for development configuration

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on debugging the frontend and confirmed static playlist attributes are shown
- What is planned to be done until the next scrum meeting?
 - Work on user friendly design showcasing playlists and list of music.
- What are the hurdles?
 - None.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished implementing the error message for Spotify connection issues and started final styling touches on the playlist display page
- What is planned to be done until the next scrum meeting?
 - Finalize testing for the playlist display functionality and confirm that error handling triggers properly
- What are the hurdles?
 - Minor formatting inconsistencies across pages and needing to double-check that API errors display correctly

Sprint 3, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Polished the loading indicator visuals and added a smooth fade-in/fade-out effect for better user experience.
- What is planned to be done until the next scrum meeting?
 - Begin preparing the documentation for the Spotify API connection setup.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on music image display from backend integration of static music items in database
- What is planned to be done until the next scrum meeting?
 - Begin working on prototypes of playlist displays
- What are the hurdles?
 - Backend

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Read up on token refreshing and spotify integration for user logins
- What is planned to be done until the next scrum meeting?
 - Start implementing token refreshing to ensure the user's sessions don't timeout while playlist view is fetching
- What are the hurdles?
 - Troubleshooting API errors

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Started planning and designing with members on playlist frontend showcase page
- What is planned to be done until the next scrum meeting?
 - Settle on decision of page designs on playlist
- What are the hurdles?
 - Exams and designing

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed testing for the playlist display and fixed minor styling bugs
- What is planned to be done until the next scrum meeting?
 - Prepare for sprint review by reviewing documentation and ensuring UI components are linked correctly to backend data
- What are the hurdles?
 - Occasional slow response time when fetching playlist data from the API

Sprint 3, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed draft documentation for Spotify API setup and verified its accuracy by having another team member follow it successfully.
- What is planned to be done until the next scrum meeting?
 - Review all implemented features (Spotify connection, loading indicator) for any UI or functional bugs.
- What are the hurdles?
 - Minor inconsistencies in playlist rendering times across devices.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on music image display from backend integration of static music items in database
- What is planned to be done until the next scrum meeting?
 - Begin working on prototypes of playlist displays
- What are the hurdles?
 - Scheduling and exams

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished adding token refreshing to persist user session as they load playlists
- What is planned to be done until the next scrum meeting?
 - Write tests and test code
- What are the hurdles?
 - Network errors and ensuring correct error messages pop up for appropriate issues

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Started planning and designing with members on playlist frontend showcase page
- What is planned to be done until the next scrum meeting?
 - Settle on decision of page designs on playlist
- What are the hurdles?
 - Exams and designing

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed and cleaned up code for the playlist page; double-checked that all links and buttons function properly
- What is planned to be done until the next scrum meeting?
 - Finalize and submit the sprint deliverables
- What are the hurdles?
 - Verifying cross-browser compatibility and ensuring the playlist loads consistently across devices

Sprint 3, Day 10 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed final round of testing and verified that mood-based playlist generation, loading indicator, and Spotify connection work as expected.
- What is planned to be done until the next scrum meeting?
 - Prepare final notes and screenshots for sprint review presentation.
- What are the hurdles?
 - None

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Developed the front end for the playlist page and button function for play and pause
- What is planned to be done until the next scrum meeting?
 - Work on list of music in the playlist and information to showcase
- What are the hurdles?
 - Scheduling and exams

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested code for display page
- What is planned to be done until the next scrum meeting?
 - Wrap up documentation and code comments to complete feature
- What are the hurdles?
 - Fixing code where tests did not meet passing expectations

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Chose design began developing to display playlists
- What is planned to be done until the next scrum meeting?
 - Work on debugging the CSS and display the list of songs
- What are the hurdles?
 - CSS.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed all testing, finalized documentation, and reviewed work before the sprint review
- What is planned to be done until the next scrum meeting?
 - Start preparing ideas for Sprint 4 features, focusing on UI polish and advanced playback controls
- What are the hurdles?
 - None at the moment

Sprint 3 Review Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

User Stories Accepted:

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners:

- **User Story #1: Spotify API Connection Setup**
The app was successfully connected to Spotify's API, allowing mood button selections to retrieve real playlists. The integration was tested and confirmed functional, and the product owner accepted this feature.
- **User Story #2: Playlist Display Page**
A playlist display page was created to show playlists generated from mood selections. The layout was clean, responsive, and easy to navigate. This feature was accepted by the product owner.
- **User Story #3: Loading Indicator for Playlist Generation**
A loading animation was added to provide visual feedback while playlists were being generated. This helped improve user experience and was accepted.
- **User Story #4: Basic Playback Controls (Play/Pause)**
Basic playback controls were implemented, enabling users to play and pause songs directly from the playlist display page. The feature worked smoothly and was accepted by the product owner.
- **User Story #5: Error Message for Spotify Connection Issues**
An error message system was implemented to alert users when the Spotify connection fails. The message was clear and user-friendly, and this feature was accepted.

User Stories Rejected:

None. All user stories slated for Sprint 3 were successfully completed and met the acceptance criteria set forth at the beginning of the sprint. No user stories were rejected.

Sprint 3 Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**

Velocity was slightly underestimated — the team completed the planned work earlier than expected since the sprint's main focus areas were smaller, well-defined UI and error-handling tasks.

- **Did we do a good job estimating the points (time required) for each user story?**

For the most part, yes. However, minor adjustments were needed for the playlist display layout due to additional design iterations.

- **Did each team member work as scheduled?**

Yes, all members worked according to the schedule. Coordination between front-end styling and error message integration went smoothly overall.

What went right?

- Successfully connected the app to the Spotify API, which was a major technical milestone.
- The playlist display page and playback controls came together smoothly and looked polished.
- Team communication improved — everyone coordinated effectively during debugging and testing.
- The sprint finished with all user stories accepted on time.

How to address the issues in the next sprint?

- **How to improve the process?**

- Continue refining design elements earlier in the sprint to prevent last-minute adjustments.

- Add more detailed check-ins between UI and back-end work to ensure design consistency.
- **How to improve the product?**
 - Begin implementing interactive features (like playback and playlist controls) to enhance user engagement.
 - Further test API reliability under different conditions to ensure consistent playlist generation and error handling.

Sprint 4 Planning Meeting Minutes

Start Time: 7:00 PM

End Time: 8:00 PM

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 18 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. **Playlist Interaction Enhancements**
 - a. *Story Points: 5*
 - b. As a user, I want to be able to like or save playlists generated by mood so I can revisit them later.
2. **Advanced Playback Controls (Skip/Previous)**
 - a. *Story Points: 4*
 - b. As a user, I want the ability to skip or go back to previous songs while listening to a playlist so I have more control over playback.
3. **Loading Animation for Playlist and Playback**
 - a. *Story Points: 3*
 - b. As a user, I want to see a more dynamic loading animation while playlists or songs are loading so the interface feels more responsive.
4. **Spotify Authentication Refresh**
 - a. *Story Points: 3*
 - b. As a user, I want the app to automatically refresh my Spotify token so I don't have to log in repeatedly.
5. **UI Polishing and Styling Improvements**
 - a. *Story Points: 3*
 - b. As a user, I want the interface to look more cohesive and polished so it feels visually appealing and consistent across pages.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Spotify Authentication Refresh
 - b. Advanced Playback Controls
2. Roseline Damiscar
 - a. UI Polishing and Styling Improvements
 - b. Playlist Interaction Enhancements
3. Angie Salazar
 - a. Playlist Interaction Enhancements
 - b. Loading Animation for Playlist and Playback

4. Mauricio Cubillos
 - a. Advanced Playback Controls
 - b. Spotify Authentication Refresh
5. Paola Montejo
 - a. Playlist Interaction Enhancements
 - b. UI Polishing and Styling Improvements

Sprint 4, Day 1 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Began setting up the initial environment for implementing Spotify authentication refresh.
- What is planned to be done until the next scrum meeting?
 - Start coding the refresh token functionality so that users don't have to reauthorize manually after the access token expires.
- What are the hurdles?
 - Still clarifying the best way to securely store and handle refresh tokens without requiring user login.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started displaying the list of music for basic integration of playlist from database into frontmen displayed for users
- What is planned to be done until the next scrum meeting?
 - Polish up CSS, buttons, and images of music
- What are the hurdles?
 - Scheduling and exams.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed comments and documentation for previous sprint feature
- What is planned to be done until the next scrum meeting?
 - Start drafting playlist interaction possibilities and pick the best ones for user experience and quality of life
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Chose design began developing to display playlists
- What is planned to be done until the next scrum meeting?
 - Work on debugging the CSS and display the list of songs
- What are the hurdles?
 - CSS

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Met with the team for Sprint 4 planning and reviewed assigned user stories (Playlist Interaction Enhancements, UI Polishing, and Styling Improvements)
- What is planned to be done until the next scrum meeting?
 - Begin outlining the layout for playlist interaction features and draft updated UI components for styling consistency
- What are the hurdles?
 - Deciding on the best placement for new “like/save” buttons without cluttering the playlist interface

Sprint 4, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Set up the base code for Spotify authentication refresh and reviewed how access and refresh tokens are issued.
- What is planned to be done until the next scrum meeting?
 - Integrate the refresh logic into the backend so that it automatically requests a new token before expiration.
- What are the hurdles?
 - Still confirming how long the access token lasts.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on CSS debugging, and button functions for playlist page
- What is planned to be done until the next scrum meeting?
 - Finish image displays for album covers and set image of playlist by first song of playlist.
- What are the hurdles?
 - CSS bugs

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Drafted some playlist interactions
- What is planned to be done until the next scrum meeting?
 - Do some more research and analysis of other music streaming sites to better improve playlist interactions and UI
- What are the hurdles?
 - Designing in Figma

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Helped with CSS and info for each song object
- What is planned to be done until the next scrum meeting?
 - Begin working on test cases for playlist page and song functions
- What are the hurdles?
 - CSS

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed existing playlist display code to understand where the new interaction elements will fit. Started designing initial wireframes for the “like” and “save” playlist features.
- What is planned to be done until the next scrum meeting?
 - Begin translating the wireframes into front-end components and set up placeholder buttons for testing their placement.
- What are the hurdles?
 - Still figuring out how to align the new buttons without disrupting the current grid layout of the playlist page.

Sprint 4, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Successfully tested the refresh token flow in the backend. Added console logs to verify that new access tokens are being retrieved and stored correctly.
- What is planned to be done until the next scrum meeting?
 - Connect the refresh token logic to the main Spotify service so that all API requests use a valid access token automatically.
- What are the hurdles?
 - The playback control endpoints require Spotify Premium accounts for testing, so it's taking extra time to verify functionality.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started working on image integration from database onto frontend page for users to see.
- What is planned to be done until the next scrum meeting?
 - Begin working on settings button and page.
- What are the hurdles?
 - None

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Look at other music related services and compiled a list of features and improvements to enhance playlist UI
- What is planned to be done until the next scrum meeting?
 - Start wireframing those improvements
- What are the hurdles?
 - Breaking down UI to figure out what we could use for the project

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Stated designing test cases for integration of playlists and songs, including image.
- What is planned to be done until the next scrum meeting?
 - Debug and ensure tests pass
- What are the hurdles?
 - Constantly adding or changing test cases based on development

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Built initial “like” and “save” components and tested their responsiveness on the playlist display.
- What is planned to be done until the next scrum meeting?
 - Begin outlining the layout for playlist interaction features and draft updated UI components for styling consistency.
- What are the hurdles?
 - Deciding on the best placement for new “like/save” buttons without cluttering the playlist interface.

Sprint 4, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Integrated token refresh into the main Spotify service class. Began coding the backend routes for skip and previous playback controls.
- What is planned to be done until the next scrum meeting?
 - Test both playback control endpoints in the development environment.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished integrating images of songs to be shown on the list
- What is planned to be done until the next scrum meeting?
 - To start working on settings button and page.
- What are the hurdles?
 - Consistent design choices and new pages

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Wireframed the new UI and functionalities
- What is planned to be done until the next scrum meeting?
 - Start implementing the frontend improvements in the code
- What are the hurdles?
 - Figma

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Stated designing test cases for integration of playlists and songs, including image.
- What is planned to be done until the next scrum meeting?
 - Debug and ensure tests pass
- What are the hurdles?
 - Constantly adding or changing test cases based on development

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Adjusted CSS for better alignment and spacing of new elements. Updated hover and click states to match the polished design direction.
- What is planned to be done until the next scrum meeting?
 - Start refining the overall styling to ensure color palette, typography, and button sizes are consistent with the app's theme.
- What are the hurdles?
 - Some small visual inconsistencies between the new components and older UI sections are appearing during testing.

Sprint 4, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested playback control endpoints with live Spotify sessions and confirmed they work with valid active devices. Started improving error handling for cases where no active session is detected.
- What is planned to be done until the next scrum meeting?
 - Help finalize the frontend integration for advanced playback controls.
- What are the hurdles?
 - Still troubleshooting inconsistent behavior with token expiration timing.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Stated basic setup for settings button and page
- What is planned to be done until the next scrum meeting?
 - Continue developing and discuss with team on what to add
- What are the hurdles?
 - Consistent design choices and new pages

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Made basic skeleton components for part of the new UI
- What is planned to be done until the next scrum meeting?
 - Start implementing functionality in development environment branch
- What are the hurdles?
 - Improving old UI as I built the new parts

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Chose design began developing to display playlists
- What is planned to be done until the next scrum meeting?
 - Work on debugging the CSS and display the list of songs
- What are the hurdles?
 - CSS

Paola Montejo:

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Linked “like” and “save” buttons to mock backend functions and verified their visual behavior after interaction.
- What is planned to be done until the next scrum meeting?
 - Review the interface with teammates and tweak color balance and button placement based on collective feedback.
- What are the hurdles?
 - Some feedback suggests the buttons could be smaller or positioned lower for a cleaner look.

Sprint 4 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #1 & User Story #4 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #4: Spotify Authentication Refresh

The user stories below are in progress:

User Story #1: Playlist Interaction Enhancements

User Story #2: Advanced Playback Controls (Skip/Previous)

User Story #3: Loading Indicator for Playlist Generation

User Story #5: UI Polishing and Styling Improvements

Sprint 4, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed backend integration for both Spotify token refresh and advanced playback controls. Verified "Next" and "Previous" functionality through manual testing.
- What is planned to be done until the next scrum meeting?
 - Begin testing both features together in the UI to ensure smooth transitions when users skip tracks and tokens refresh automatically.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Discussed the setting page and worked on adding theme button without changes yet
- What is planned to be done until the next scrum meeting?
 - Continue developing and discuss with team on what to add
- What are the hurdles?
 - Decision making and scheduling

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started new functions for the new playlist enhancements to implement new QOL
- What is planned to be done until the next scrum meeting?
 - Continue implementing those functions
- What are the hurdles?
 - Minor debugging and fixing order of function calls

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 -
- What is planned to be done until the next scrum meeting?
 - Work on debugging the CSS and display the list of songs
- What are the hurdles?
 - CSS

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized layout and styling updates for the playlist interaction features.
Completed peer review adjustments to colors, alignment, and typography.
- What is planned to be done until the next scrum meeting?
 - Prepare a short demo walkthrough highlighting playlist interaction flow and UI polish improvements to get some team feedback.
- What are the hurdles?
 - None at the moment.

Sprint 4, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented the Spotify token refresh logic and confirmed that expired tokens can now be renewed automatically in the backend without user re-login.
- What is planned to be done until the next scrum meeting?
 - Help integrate the updated authentication flow into the playback feature so that music controls function smoothly even after the token refreshes.
- What are the hurdles?
 - Need to handle occasional delays in token refresh responses that can cause minor playback interruptions.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Continued to develop the setting page to make it functional for the user
- What is planned to be done until the next scrum meeting?
 - Finalize draft of setting page and begin helping develop user dashboard
- What are the hurdles?
 - CSS debugging on settings UI

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Updated some old outdated unit tests
- What is planned to be done until the next scrum meeting?
 - Add new unit tests for updated features
- What are the hurdles?
 - Catching tests that failed and fixing the code as needed

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Started working on user dashboard consisting information tracks user likes and playlists they've made
- What is planned to be done until the next scrum meeting?
 - Designing and testing saved user information
- What are the hurdles?
 - Scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished styling updates for the playlist interface and refined button spacing to make the layout feel cleaner and more balanced.
- What is planned to be done until the next scrum meeting?
 - Work on final visual touches for the "like/save" feature icons and test UI responsiveness across different screen sizes.
- What are the hurdles?
 - Some alignment inconsistencies appear between desktop and mobile views, especially with button scaling.

Sprint 4, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Helped connect the playback controls to the refreshed Spotify tokens and tested playback continuity after token regeneration.
- What is planned to be done until the next scrum meeting?
 - Add error-handling cases to the token refresh function to ensure it gracefully retires if Spotify's API temporarily fails to respond.
- What are the hurdles?
 - Debugging occasional API timeout errors when multiple users trigger refresh calls simultaneously.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started looking for areas needing better error visibility and loading feedback.
- What is planned to be done until the next scrum meeting?
 - Draft error message templates and placeholders in the UI.
- What are the hurdles?
 - Waiting for UI/UX confirmation on color and animation style for loading indicators.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added some new unit tests
- What is planned to be done until the next scrum meeting?
 - Check site accessibility and fix issues, finish unit testing
- What are the hurdles?
 - Debugging React Testing Library issues

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Worked on updating backend integration to showcase user music likes list
- What is planned to be done until the next scrum meeting?
 - Debug and ensure music likes from user functions properly
- What are the hurdles?
 - Scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Resolved alignment issues with mood buttons and playlist elements; adjusted padding and color contrast for accessibility.
- What is planned to be done until the next scrum meeting?
 - Collaborate with Angie to test the “save playlist” functionality within the new UI layout.
- What are the hurdles?
 - Minor delays syncing the latest CSS changes with backend updates caused overlapping button behavior.

Sprint 4, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed the error-handling layer for the token refresh feature and confirmed stable backend functionality. Reviewed UI updates to ensure playback and authentication logic align visually with loading animations.
- What is planned to be done until the next scrum meeting?
 - Finalize documentation outlining the Spotify authentication and token management workflow for the team. Prepare notes for sprint review and team demo.
- What are the hurdles?
 - Ensuring all backend routes using Spotify tokens are updated with the new refresh function consistently.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented basic loading spinners and error messages for API calls.
- What is planned to be done until the next scrum meeting?
 - Start developing playlist retrieval logic to load saved playlists on app startup.
- What are the hurdles?
 - Debugging error messages that overlap with UI elements in smaller screens

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished unit testing for all new QOL features
- What is planned to be done until the next scrum meeting?
 - Fix minor accessibility issues to improve site
- What are the hurdles?
 - Debugging more React Testing Library issues and researching testing techniques

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on the the user likes list on the backend and tested the information to display in the frontend
- What is planned to be done until the next scrum meeting?
 - Work on list of saved playlists for users
- What are the hurdles?
 - Scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested playlist interaction enhancements; confirmed that liked playlists visually update and display in the interface correctly.
- What is planned to be done until the next scrum meeting?
 - Conduct one more design pass for consistency before handoff to QA for review.
- What are the hurdles?
 - Occasional lag when saving multiple playlists.

Sprint 4, Day 10 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished documentation for the Spotify authentication refresh and playback integration. Assisted in testing UI updates to confirm everything works end-to-end.
- What is planned to be done until the next scrum meeting?
 - Prepare for sprint review by summarizing my contributions and confirming that the Spotify refresh and playback features function correctly in the demo environment.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized loading and error state visuals and confirmed UI alignment.
- What is planned to be done until the next scrum meeting?
 - Perform integration testing for combined loading/error feedback
- What are the hurdles?
 - API occasionally returns delayed responses

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Fixed accessibility issues with more semantic HTML for screen readers
- What is planned to be done until the next scrum meeting?
 - Start new feature for next sprint
- What are the hurdles?
 - Understanding how screen readers parse pages

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Began working on saved playlists design
- What is planned to be done until the next scrum meeting?
 - Debug frontend functionality for user dashboard
- What are the hurdles?
 - Working on backend lists and structures.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed all final visual refinements and confirmed stable layout across breakpoints. Prepared sprint review notes for UI changes.
- What is planned to be done until the next scrum meeting?
 - Participate in sprint review and begin preparing next sprint tasks related to playlist persistence and usability testing.
- What are the hurdles?
 - None at the moment.

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

User Stories Accepted:

After a show and tell presentation, the implementation of the following user stories was accepted by the product owners:

- **User Story #1: Playlist Interaction Enhancements**
Users can now like or save playlists generated by mood to easily revisit them later. This feature was demonstrated successfully, and the saving mechanism functioned as intended. The product owner accepted this story.
- **User Story #2: Advanced Playback Controls (Skip/Previous)**
Playback controls were expanded to include skip and previous buttons, giving users more control over their listening experience. The controls worked seamlessly during testing, and this story was accepted.
- **User Story #3: Loading Animation for Playlist and Playback**
A dynamic loading animation was added during playlist and song loading, creating a smoother and more interactive user experience. The design aligned well with the app's theme and was accepted by the product owner.
- **User Story #4: Spotify Authentication Refresh**
Automatic token refresh functionality was implemented to keep users logged into Spotify without requiring frequent reauthentication. Testing confirmed that the token refresh system worked reliably, and this story was accepted.
- **User Story #5: UI Polishing and Styling Improvements**
The overall visual presentation of the app was refined for consistency and cohesiveness. Updated spacing, colors, and typography gave the interface a more professional appearance. The product owner approved this story as completed.

User Stories Rejected:

None. All user stories assigned for Sprint 4 were completed successfully and met the acceptance criteria defined at the start of the sprint.

Sprint 4 Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**

Velocity was estimated fairly accurately this sprint. However, some UI polishing and styling refinements took longer than expected because of additional testing on different screen sizes and Spotify token refresh debugging.

- **Did we do a good job estimating the points (time required) for each user story?**

Mostly yes — the story point estimates aligned well with the workload. The Advanced Playback Controls and Authentication Refresh stories required slightly more time due to unanticipated integration issues with Spotify's API and playback synchronization.

- **Did each team member work as scheduled?**

Yes, all team members contributed according to the planned timeline. Collaboration between front-end and back-end tasks improved further, though there were minor delays when merging overlapping UI and functionality updates.

What went right?

- Successfully implemented playlist saving and liking functionality, adding meaningful personalization to the app.
- Advanced playback controls worked smoothly and provided users more control over their listening experience.
- Automatic Spotify authentication refresh significantly improved usability and reduced friction for returning users.
- The new loading animation made the app feel more dynamic and visually polished.
- The team maintained steady communication through all stages of development, with everyone completing their assigned tasks.

How to address the issues in the next sprint?

- **How to improve the process?**

- Allocate more time for integration testing between Spotify API features and the front-end components.
 - Schedule earlier UI review sessions to finalize styling before the last few sprint days.
 - Improve documentation for shared functions to make collaboration smoother when multiple team members touch the same feature.
-
- **How to improve the product?**
 - Continue refining playback functionality by introducing shuffle or repeat options.
 - Gather user feedback on the playlist saving feature to identify improvements for usability and design.
 - Begin exploring more advanced personalization features, like recommended playlists or recently played history.

Sprint 5 Planning Meeting Minutes

Start Time: 7:00 PM

End Time: 8:00 PM

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 18 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. **Playlist Interaction Enhancements**
 - a. *Story Points: 5*
 - b. As a user, I want to be able to like or save playlists generated by mood so I can revisit them later.
2. **Advanced Playback Controls (Skip/Previous)**
 - a. *Story Points: 4*
 - b. As a user, I want the ability to skip or go back to previous songs while listening to a playlist so I have more control over playback.
3. **Loading Animation for Playlist and Playback**
 - a. *Story Points: 3*
 - b. As a user, I want to see a more dynamic loading animation while playlists or songs are loading so the interface feels more responsive.
4. **Spotify Authentication Refresh**
 - a. *Story Points: 3*
 - b. As a user, I want the app to automatically refresh my Spotify token so I don't have to log in repeatedly.
5. **UI Polishing and Styling Improvements**
 - a. *Story Points: 3*
 - b. As a user, I want the interface to look more cohesive and polished so it feels visually appealing and consistent across pages.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Spotify Authentication Refresh
 - b. Advanced Playback Controls
2. Roseline Damiscar
 - a. UI Polishing and Styling Improvements
 - b. Playlist Interaction Enhancements
3. Angie Salazar
 - a. Playlist Interaction Enhancements
 - b. Loading Animation for Playlist and Playback

4. Mauricio Cubillos
 - a. Advanced Playback Controls
 - b. Spotify Authentication Refresh
5. Paola Montejo
 - a. Playlist Interaction Enhancements
 - b. UI Polishing and Styling Improvements

Sprint 5, Day 1 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed the Sprint 5 goals and confirmed I'll be focusing on improving Spotify Authentication Refresh and Advanced Playback Controls.
- What is planned to be done until the next scrum meeting?
 - Start refining the authentication refresh logic to make it more efficient and reduce redundant API calls.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed Sprint 4 deliverables and figured out what I will do for sprint 5
- What is planned to be done until the next scrum meeting?
 - Being to assign tasks and sync with Spotify API rate limits.
- What are the hurdles?
 - Need clarity from Spotify's API docs on when playlist changes sync.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished last feature
- What is planned to be done until the next scrum meeting?
 - Research Spotify's API documentation to see what endpoints are available for playlists
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Debugged and fixed all errors on the user dashboard
- What is planned to be done until the next scrum meeting?
 - Work on the list of playlists saved by the user on the backend
- What are the hurdles?
 - Working on backend lists and structures

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Met with the team for Sprint 5 planning and reviewed my new tasks.
- What is planned to be done until the next scrum meeting?
 - Start outlining the logic for saving and retrieving liked playlists from user sessions and draft a checklist for the upcoming usability testing phase.
- What are the hurdles?
 - Ensuring data persistence between Spotify sessions while keeping user privacy intact.

Sprint 5, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed the current Spotify token retrieval flow and identified redundant API calls during refresh attempts.
- What is planned to be done until the next scrum meeting?
 - Implement a helper function to cache Spotify access tokens and automatically refresh them before expiration.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Sprint 5 plan finalized, user stories assigned.
- What is planned to be done until the next scrum meeting?
 - Start coding mood-reactive playlist components.
 - Prototype loading animations that match the playlist's detected mood.
- What are the hurdles?
 - Animation transitions feel too slow between moods.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Researched other capabilities in the Spotify API for playlist interaction enhancements
- What is planned to be done until the next scrum meeting?
 - Compile a list of potential features
- What are the hurdles?
 - Fitting the scope of the project

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Sprint plan finalized, tasks assigned
- What is planned to be done until the next scrum meeting?
 - Review current authentication flow for token storage and begin setting up automatic token refresh using Spotify's OAuth endpoint.
- What are the hurdles?
 - Need to confirm secure storage strategy for refresh tokens in local storage.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started reviewing the current layout for mood-based playlist display and adjusted spacing for better responsiveness.
- What is planned to be done until the next scrum meeting?
 - Begin integrating the textbox mood input feature and test basic mapping.
- What are the hurdles?
 - Need to finalize how text moods will map to the existing mood categories for consistency.

Sprint 5, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added a caching mechanism to temporarily store the Spotify token and prevent unnecessary refresh calls.
- What is planned to be done until the next scrum meeting?
 - Test the token refresh logic using multiple consecutive playlist requests to ensure consistent playback access.
- What are the hurdles?
 - Encountering occasional 401 errors due to token invalidation when switching between endpoints.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed animation prototype, integrated into UI.
- What is planned to be done until the next scrum meeting?
 - Connect playlist interaction features (like/remove) to Spotify API.
 - Test loading animation during playlist regeneration.
- What are the hurdles?
 - Spotify API occasionally returns 403 during multiple playlist updates.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Narrowed down enhancement ideas to a few polished ones
- What is planned to be done until the next scrum meeting?
 - QOL feature enhancement for removing playlists and tracks
- What are the hurdles?
 - Picking useful features

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Set up authentication flow for token refresh.
- What is planned to be done until the next scrum meeting?
 - Begin implementing advanced playback controls (play/pause, next, previous, shuffle) and sync button states with live Spotify playback state.
- What are the hurdles?
 - Spotify Web Playback SDK occasionally lags when updating the play/pause button state.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created the input box UI for users to describe their mood and styled it to match the existing design.
- What is planned to be done until the next scrum meeting?
 - Connect the textbox input to the sentiment detection function and display the interpreted mood to the user.
- What are the hurdles?
 - Minor issues parsing mood keywords accurately from user text.

Sprint 5, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Debugged 401 response issue and confirmed that token expiration timing was miscalculated. Adjusted expiration threshold to refresh 60 seconds before timeout.
- What is planned to be done until the next scrum meeting?
 - Begin implementing the “Advanced Playback Controls” logic for play, pause, skip, and volume adjustments using Spotify’s playback API.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed playlist interaction linking with Spotify.
- What is planned to be done until the next scrum meeting?
 - Test playlist reordering and mood-based regeneration and sync loading animations with real API fetch times.
- What are the hurdles?
 - Playlist reorder isn’t reflecting immediately on Spotify’s end.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Drafted pseudocode for endpoint for removing playlist tracks
- What is planned to be done until the next scrum meeting?
 - Implement the endpoint
- What are the hurdles?
 - Keeping things compatible with current design

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Completed playback control logic for shuffle and skip.
- What is planned to be done until the next scrum meeting?
 - Integrate token refresh with active playback session and ensure seamless playback when tokens are refreshed mid-song.
- What are the hurdles?
 - Playback stops briefly when token refresh occurs.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Linked the textbox to a simple mood interpretation script and tested different text inputs.
- What is planned to be done until the next scrum meeting?
 - Integrate the interpreted mood with the Spotify playlist fetch so users get playlists from text input.
- What are the hurdles?
 - Ensuring Spotify API calls stay within rate limits during repeated testing.

Sprint 5, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented play, pause, and skip functionality within the playback controller and connected it to mood-based playlists.
- What is planned to be done until the next scrum meeting?
 - Add volume control and playback progress tracking to the frontend.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Fixed basic reorder and synchronization bugs.
- What is planned to be done until the next scrum meeting?
 - Internal demo for mood-based transitions and animation flow and collected feedback from team and test on real Spotify accounts.
- What are the hurdles?
 - Spotify tokens expire mid-session during regeneration testing

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Wrote implementation for playlist editing feature enhancements
- What is planned to be done until the next scrum meeting?
 - Debug some issues with connectivity
- What are the hurdles?
 - Failure to retrieve playlist results in API errors

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Integrated token refresh into playback flow.
- What is planned to be done until the next scrum meeting?
 - Conduct internal demo to test uninterrupted playback and advanced control responsiveness and collect feedback from QA on user experience.
- What are the hurdles?
 - Repeat/shuffle button icons don't visually update fast enough.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Connected mood interpretation results to the playlist display logic.
- What is planned to be done until the next scrum meeting?
 - Test the flow from text input to mood detection to playlist display for different moods.
- What are the hurdles?
 - None at the moment.

Sprint 5 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #1 & User Story #5 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #1: Playlist Interaction Enhancements

The user stories below are in progress:

User Story #2: Advanced Playback Controls (Skip/Previous)

User Story #3: Loading Animation for Playlist and Playback

User Story #4: Spotify Authentication Refresh

User Story #5: UI Polishing and Styling Improvements

Sprint 5, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized the Advanced Playback Controls feature — users can now play, pause, skip, and adjust volume smoothly with the backend managing authentication refresh.
- What is planned to be done until the next scrum meeting?
 - Perform integration testing between mood-based playlist generation and playback functions.
- What are the hurdles?
 - Minor delay when switching tracks rapidly.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Gathered team feedback and debug reports
- What is planned to be done until the next scrum meeting?
 - Optimize animation rendering performance and implement caching for generated playlists to reduce API load.
- What are the hurdles?
 - Animation FPS drops when larger playlists are generated

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Debugged API errors with playlist editing feature enhancement
- What is planned to be done until the next scrum meeting?
 - Implement logic to prevent sending duplicate requests for already completed actions
- What are the hurdles?
 - Editing enhancements aren't refresh safe and needs to be debugged

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Fixed minor icon refresh and UI feedback bugs.
- What is planned to be done until the next scrum meeting?
 - Add real-time progress bar and track seek functionality and save last playback state locally for session recovery after refresh.
- What are the hurdles?
 - Local storage retrieval causes short delay when reopening the app.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Successfully tested user flow: mood selection via button and text input both lead to playlist generation.
- What is planned to be done until the next scrum meeting?
 - Polish UI transitions and add loading indicators for text-based playlist generation.
- What are the hurdles?
 - Minor styling inconsistencies between the button and textbox playlist displays.

Sprint 5, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Connected the frontend MoodSelectionPage with the backend /api/spotify/playlists route so users can fetch playlists based on mood selections.
- What is planned to be done until the next scrum meeting?
 - Implement navigation from the mood selection screen to the playlist display page and style the playlist cards to improve usability.
- What are the hurdles?
 - Occasional 401 errors from Spotify's access token expiring.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Optimized animation code and caching system.
- What is planned to be done until the next scrum meeting?
 - Ensure consistent experience across Spotify app and browser playback.
- What are the hurdles?
 - Mood animations need adaptive scaling for small screens.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started implementing logic to prevent repeated requests
- What is planned to be done until the next scrum meeting?
 - Debug errors causing duplicated requests
- What are the hurdles?
 - Feature doesn't work as expected and sends duplicates under certain circumstances when errors are thrown

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Implemented track progress and state persistence.
- What is planned to be done until the next scrum meeting?
 - Test playback and token refresh on multiple devices and browsers and verify continuous playback when switching devices
- What are the hurdles?
 - Spotify playback context isn't always transferring correctly between devices.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Refined UI styling for the mood input textbox and playlist results page to improve layout consistency.
- What is planned to be done until the next scrum meeting?
 - Add a smoother transition between mood interpretation and playlist loading screens.
- What are the hurdles?
 - None.

Sprint 5, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed playlist display functionality — playlists now render dynamically with titles, cover images, and clickable links to open in Spotify.
- What is planned to be done until the next scrum meeting?
 - Test playlist retrieval for different moods and ensure the UI updates smoothly without page reloads.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed cross-device tests and logged UI bugs.
- What is planned to be done until the next scrum meeting?
 - Refine animation transitions between moods and fix color blending issues in dark/light mode.
- What are the hurdles?
 - Mood transition animation occasionally overlaps playlist refresh.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Fixed issues with error handling that caused duplicate API requests
- What is planned to be done until the next scrum meeting?
 - Finish request handling improvements for enhancements
- What are the hurdles?
 - Pinpointing the source of errors

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Completed multi-device testing and logged key issues.
- What is planned to be done until the next scrum meeting?
 - Add user notifications for playback errors and refine control layout for better accessibility.
- What are the hurdles?
 - Need clearer error messaging for token expiration without disrupting playback

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented the animation for the playlist loading phase and adjusted delay timing for better user experience.
- What is planned to be done until the next scrum meeting?
 - Conduct basic testing of mood interpretation accuracy and confirm that playlists match both mood button and text-based selections.
- What are the hurdles?
 - Sentiment interpretation occasionally assigns a neutral mood when text clearly implies emotion.

Sprint 5, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Polished the frontend layout — added spacing, responsive button styles, and a cleaner visual flow between the mood selection and playlist pages.
- What is planned to be done until the next scrum meeting?
 - Conduct end-to-end testing between frontend, backend, and Spotify API to confirm all components communicate properly.
- What are the hurdles?
 - Minor CORS issue when frontend fetches playlists from backend.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Fixed animation color map and transitions.
- What is planned to be done until the next scrum meeting?
 - Run final integration tests for Spotify interaction, animations, and playback flow.
- What are the hurdles?
 - Sporadic delay between Spotify API response and animation trigger.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished request handling improvements for page refreshes
- What is planned to be done until the next scrum meeting?
 - Small QOL feature for playlist handling that limits the number of retries to an API endpoint and indicates excessive failures to the user visually
- What are the hurdles?
 - Minor debugging

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Polished playback controls and improved error handling.
- What is planned to be done until the next scrum meeting?
 - Full integration test: advanced playback, token refresh, and persistent state.
- What are the hurdles?
 - Scheduling time

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Tested both mood button and text input features; playlists successfully generated for most test cases.
- What is planned to be done until the next scrum meeting?
 - Polish UI for final presentation; adjust spacing, colors, and typography for consistency.
- What are the hurdles?
 - Spotify API responses can lag, which slightly delays playlist loading during demos.

Sprint 5, Day 10 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished integration testing and confirmed the frontend successfully retrieves playlists from the backend using live Spotify API data.
- What is planned to be done until the next scrum meeting?
 - Prepare final documentation and push the latest stable version to GitHub for group review.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed QA fixes and final sync tests.
- What is planned to be done until the next scrum meeting?
 - Smoother mood-based playlist animations and more seamless Spotify playlist interaction. Also, do the sprint retrospective.
- What are the hurdles?
 - Time constraints

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented max retries system for API endpoints and UI visuals to tell user when a playlist endpoint seems to be unreachable to handle deleted playlists
- What is planned to be done until the next scrum meeting?
 - Complete documentation for feature
- What are the hurdles?
 - Ensuring max retries system is compatible with other API request handling logic

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Fixed final QA issues and ran stress tests
- What is planned to be done until the next scrum meeting?
 - Conduct the sprint retrospective and advanced
- What are the hurdles?
 - Minor visual feedback delay when skipping rapidly between songs.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed final UI polishing and verified functionality of text-based and button-based playlist generation.
- What is planned to be done until the next scrum meeting?
 - Prepare documentation for the sprint review and finalize demo presentation materials.
- What are the hurdles?
 - None at the moment.

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

User Stories Accepted:

After a show and tell presentation, the implementation of the following user stories was accepted by the product owners:

- **User Story #1: Playlist Interaction Enhancements**
Users can now like or save playlists generated by mood so they can revisit them later. The feature was demonstrated successfully and worked as intended. The product owner accepted this story.
- **User Story #2: Advanced Playback Controls (Skip/Previous)**
Playback controls were expanded to include skip and previous buttons, providing users with more control over their listening experience. The controls functioned smoothly during testing and were accepted by the product owner.
- **User Story #3: Loading Animation for Playlist and Playback**
A dynamic loading animation was added to display during playlist and song loading, making the interface feel more responsive. The design integrated well with the app's overall style and was accepted.
- **User Story #4: Spotify Authentication Refresh**
Automatic token refresh functionality was implemented, allowing users to stay logged in to Spotify without repeated authentication. The refresh process worked reliably during testing and was approved.
- **User Story #5: UI Polishing and Styling Improvements**
The interface was refined to appear more cohesive and professional, with improved spacing, color consistency, and typography. The updated design met the product owner's expectations and was accepted.

User Stories Rejected:

None. All user stories assigned for Sprint 5 were successfully completed and met the acceptance criteria established at the start of the sprint.

Sprint 5 Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**

Velocity was estimated slightly high this sprint. While the core features were completed on time, integrating the text-based mood input feature and testing playlist accuracy took longer than anticipated due to complex mood interpretation logic and API response handling.

- **Did we do a good job estimating the points (time required) for each user story?**

Estimates were mostly accurate, but the text-to-mood interpretation story required additional debugging time. Integrating the text box with the existing playlist generation flow added unexpected complexity.

- **Did each team member work as scheduled?**

Yes, all team members worked according to schedule. However, coordinating between text input logic and playlist retrieval required extra communication across team members handling front-end and API connections.

What went right?

- The mood detection text box was successfully implemented and worked well with the existing mood button system.
- Playlist generation for both button and text-based inputs performed reliably after debugging, showcasing the core functionality of the app.
- The UI was further refined for clarity and user-friendliness, providing a smoother overall experience.
- Testing showed improved system stability with fewer Spotify API connection issues compared to prior sprints.
- Team collaboration continued to improve, especially during troubleshooting and integration tasks.

How to address the issues in the next sprint?

How to improve the process?

- Allocate additional time for API testing and error handling, especially for features that rely on dynamic user input.
- Improve coordination between back-end and front-end tasks by reviewing dependencies earlier in the sprint.
- Document the text-based mood mapping logic clearly for easier debugging and enhancement in future sprints.

How to improve the product?

- Enhance the text-to-mood interpretation accuracy by refining mood keyword detection or incorporating more nuanced sentiment analysis.
- Add minor UI animations or feedback elements (like a loading message or transition) when the text is processed to make the experience more interactive.
- Start testing the app's usability with new users to gather early feedback on both mood input methods.

Sprint 6 Planning Meeting Minutes

Start Time: 7:00 PM

End Time: 8:00 PM

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 18 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. **Mood-Based Text Interpretation Improvements**
 - a. *Story Points: 5*
 - b. As a user, I want the app to better understand my written mood descriptions so that the playlists generated feel more accurate to my emotions.
2. **Enhanced Playlist Recommendations**
 - a. *Story Points: 4*
 - b. As a user, I want improved playlist suggestions that better match my selected mood or text input so that the listening experience feels more personalized.
3. **Playlist History Page**
 - a. *Story Points: 3*
 - b. As a user, I want to view my previously generated playlists so I can easily revisit moods or playlists I liked.
4. **Error Handling and Feedback Enhancements**
 - a. *Story Points: 3*
 - b. As a user, I want clearer messages and smoother feedback when the system cannot generate a playlist so that I better understand what went wrong.
5. **UI Transitions and Animation Refinements**
 - a. *Story Points: 3*
 - b. As a user, I want more seamless transitions and subtle animations across pages so the experience feels modern and polished.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Mood-Based Text Interpretation Improvements
 - b. Error Handling and Feedback Enhancements
2. Roseline Damiscar
 - a. Enhanced Playlist Recommendations
 - b. Playlist History Page
3. Angie Salazar
 - a. Playlist History Page
 - b. UI Transitions and Animation Refinements

4. Mauricio Cubillos
 - a. Enhanced Playlist Recommendations
 - b. Mood-Based Text Interpretation Improvements
5. Paola Montejo
 - a. UI Transitions and Animation Refinements
 - b. Error Handling and Feedback Enhancements

Sprint 6, Day 1 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Began refining the logic for analyzing user mood text inputs to improve the emotional accuracy of playlist results.
- What is planned to be done until the next scrum meeting?
 - Continue implementing and testing the enhanced mood interpretation logic using varied user inputs, and begin outlining the structure for improved error and feedback handling.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on planning sprint 6 and organizing what user stories to do
- What is planned to be done until the next scrum meeting?
 - Review current UI components to identify where animation enhancements are needed
- What are the hurdles?
 - None

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed previous sprint feature
- What is planned to be done until the next scrum meeting?
 - Draft UI design for playlist history page
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Worked on planning sprint 6 and organizing what user stories to do
- What is planned to be done until the next scrum meeting?
 - Review the current recommendation algorithm and identify data sources
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Met with the team for Sprint 6 planning and reviewed new user stories for mood interpretation, playlist history, and UI transitions.
- What is planned to be done until the next scrum meeting?
 - Set up project branches and review mood interpretation logic.
- What are the hurdles?
 - None so far.

Sprint 6, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented backend logic to improve the mood interpretation algorithm.
- What is planned to be done until the next scrum meeting?
 - Integrate the updated mood analysis with the Spotify API to test playlist generation accuracy.
- What are the hurdles?
 - Fine-tuning keyword mapping to avoid overly broad mood matches.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed the current Playlist History page layout and identified key areas that would benefit from smoother transitions
- What is planned to be done until the next scrum meeting?
 - Begin implementing fade-in and slide transitions for playlist cards; experiment with Framer Motion to prototype smooth entry/exit effects.
- What are the hurdles?
 - Minor delay syncing

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started UI skeleton for the playlist history view
- What is planned to be done until the next scrum meeting?
 - Start designing components for use within the view
- What are the hurdles?
 - Minor CSS fixes

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Reviewed the current recommendation algorithm and identify data sources
- What is planned to be done until the next scrum meeting?
 - Start gathering and verifying data sources for the recommendation logic.
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed current UI transitions and identified sections I want to work on.
- What is planned to be done until the next scrum meeting?
 - Begin redesigning transitions for the playlist and mood selection page.
- What are the hurdles?
 - Making sure page load time is not affected.

Sprint 6, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Connected the frontend mood selection buttons to the new backend mood interpretation route.
- What is planned to be done until the next scrum meeting?
 - Test API response times and error handling when tokens expire or the Spotify API rate limits requests.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Built initial fade and slide transitions for card components.
- What is planned to be done until the next scrum meeting?
 - Integrate hover animations for playlist cards and track interactions. Add visual feedback for item selection
- What are the hurdles?
 - Mimic

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Designed reusable components for the playlist history view, including past lists and expandable views for checking tracks
- What is planned to be done until the next scrum meeting?
 - Implement UI for planned components and complete CSS
- What are the hurdles?
 - Compatibility with the rest of the site design

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Collected initial data sources and evaluated their relevancy and availability.
- What is planned to be done until the next scrum meeting?
 - Begin drafting improvements to the recommendation algorithm based on reviewed data.
- What are the hurdles?
 - Work and scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented basic transitions between mood selection and playlist pages.
- What is planned to be done until the next scrum meeting?
 - test cross-browser consistency.
- What are the hurdles?
 - None right now.

Sprint 6, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented error feedback alerts on the frontend to inform users when playlist generation fails or when the API key expires.
- What is planned to be done until the next scrum meeting?
 - Refine the feedback messages to make them friendlier and test across different moods for consistency.
- What are the hurdles?
 - Minor delay between button click and playlist rendering.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented hover and selection animations.
- What is planned to be done until the next scrum meeting?
 - Add smooth page-level transitions when navigating from “Now Playing” to “Playlist History.” Test continuity between pages to ensure state persistence during animation.
- What are the hurdles?
 - Route transition timing may not align perfectly with animation end

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed UI components for playlist history page
- What is planned to be done until the next scrum meeting?
 - Piece together components with mock data
- What are the hurdles?
 - Minor CSS fixes

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Outlined algorithm adjustments and created a rough flow of the improved recommendation system.
- What is planned to be done until the next scrum meeting?
 - Start implementing the first iteration of the improved recommended logic.
- What are the hurdles?
 - Algorithm debugging

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Began improving error messages for failed playlist generation and Spotify connection issues.
- What is planned to be done until the next scrum meeting?
 - Add friendly error prompts with subtle animation to improve user feedback flow.
- What are the hurdles?
 - Balancing clarity of error messages while keeping the tone simple and non-intrusive.

Sprint 6, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added loading animation when fetching playlists and refined UI transition effects between mood selection and playlist view.
- What is planned to be done until the next scrum meeting?
 - Conduct integration testing across all devices to ensure smooth transitions and API reliability.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on page transition synchronization
- What is planned to be done until the next scrum meeting?
 - Optimize rendering performance by batching animation triggers and reducing re-renders. Begin user testing for animation fluidity and responsiveness
- What are the hurdles?
 - Slight frame drops on slower devices.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed playlist history UI with mocks
- What is planned to be done until the next scrum meeting?
 - Implement endpoint functionality to play past playlists
- What are the hurdles?
 - Design tweaks

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Implemented the first draft of the updated recommendation logic.
- What is planned to be done until the next scrum meeting?
 - Test the updated logic using sample data and gather performance results
- What are the hurdles?
 - Some test data doesn't match the expected format and need preprocessing

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Integrated new error popups and verified functionality across the main user flows.
- What is planned to be done until the next scrum meeting?
 - Finalize the transition polish on playlist and text input pages.
- What are the hurdles?
 - Ensuring timing doesn't conflict with existing loading animations.

Sprint 6 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #1 & User Story #2 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #1: Mood-Based Text Interpretation Improvements

The user stories below are in progress:

User Story #2: Enhanced Playlist Recommendations

User Story #3: Playlist History Page

User Story #4: Error Handling and Feedback Enhancements

User Story #5: UI Transitions and Animation Refinements

Sprint 6, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed frontend-backend integration tests. Verified that playlist generation and error feedback now work seamlessly.
- What is planned to be done until the next scrum meeting?
 - Begin documenting the Mood-Based Text Interpretation and Error Handling improvements for the sprint review.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed performance optimizations and initial user testing
- What is planned to be done until the next scrum meeting?
 - Refine animation timing and introduce micro-interactions
- What are the hurdles?
 - Conflicting animation triggers between hover effects and scroll position changes.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added ability for the user to replay their past playlists on history page
- What is planned to be done until the next scrum meeting?
 - Test functionality
- What are the hurdles?
 - Debugging playlist retrieval

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Ran initial tests on the new sprint planning and identify optimization areas.
- What is planned to be done until the next scrum meeting?
 - Minor inconsistencies in test results that need further investigation.
- What are the hurdles?
 - Debugging tests to pass.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed final revisions to UI transitions and synced error feedback with backend responses.
- What is planned to be done until the next scrum meeting?
 - Run final design checks and prepare a short demo of animation and error improvements.
- What are the hurdles?
 - Minor inconsistencies in transition delays between components still need adjustment.

Sprint 6, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Documented the logic used in the improved mood interpretation feature and cleaned up backend routes to ensure consistency across mood, text input, and playlist fetch endpoints.
- What is planned to be done until the next scrum meeting?
 - Conduct UI usability checks to verify that error messages and playlist load times feel smooth.
- What are the hurdles?
 - Animations occasionally feel out of sync with API responses.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finish mood-filter animations with synchronized color transitions
- What is planned to be done until the next scrum meeting?
 - Added different micro-interactions across the app
- What are the hurdles?
 - Making animations subtle

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Wrote test cases for new history functionality
- What is planned to be done until the next scrum meeting?
 - Update UI for playlist so that there's a distinction between regular playlists and ones in the history
- What are the hurdles?
 - Fixing improper event testing handling

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Refined the detection of emotion based on obtained words from user
- What is planned to be done until the next scrum meeting?
 - Test enhanced recommendations across contrasting moods
- What are the hurdles?
 - debugging

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Fixed some transition inconsistencies.
- What is planned to be done until the next scrum meeting?
 - Begin preparing the error-enhancement features for the demo.
- What are the hurdles?
 - None.

Sprint 6, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Polished the error-handling user feedback; improved messages for expired tokens, empty results, and network timeouts.
- What is planned to be done until the next scrum meeting?
 - Finish the UI polish for the mood buttons so animations feel consistent with the rest of the updated UI transitions.
- What are the hurdles?
 - None

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added micro-interactions and synced them to mood tone
- What is planned to be done until the next scrum meeting?
 - Continue to work on the micro-interactions
- What are the hurdles?
 - Scheduling

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started drafting history playlist design to include some history related stats like first/last played timestamps
- What is planned to be done until the next scrum meeting?
 - Implement UI changes
- What are the hurdles?
 - Researching best design practices for this type of menu

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Smoothed recommendations for mixed moods; added genre fallbacks
- What is planned to be done until the next scrum meeting?
 - Add subtle UI feedback to show users how their mood text was interpreted
- What are the hurdles?
 - Need UI guidelines so the feedback doesn't overwhelm users

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed demo-ready versions of transitions and error messages.
- What is planned to be done until the next scrum meeting?
 - Conduct full testing to ensure smooth flow.
- What are the hurdles?
 - It's been very time consuming to make small progress.

Sprint 6, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed final polishing of UI transitions, confirmed that mood selection, playlist loading, and error handling are working without delays.
- What is planned to be done until the next scrum meeting?
 - Prepare final documentation for sprint review and create a concise demo outline showing the improvements made.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized the animated empty state and responsive layout checks
- What is planned to be done until the next scrum meeting?
 - Audit all transitions: ensure easing curves are consistent
- What are the hurdles?
 - Managing reduced-motion settings for accessibility

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented updated UI for playlists in history
- What is planned to be done until the next scrum meeting?
 - Implement functionality to pull historical data like last/first played times from database through endpoint
- What are the hurdles?
 - Minor CSS fixes

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Built UI feedback module for interpreted mood breakdown.
- What is planned to be done until the next scrum meeting?
 - Fine-tune recommendation engine timing so playlist generation feels fast even with complex mood analysis.
- What are the hurdles?
 - Better optimization

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Ran full-flow tests and resolved some issues that came up with the transitions.
- What is planned to be done until the next scrum meeting?
 - Do final cleanup for the UI logic and finalize error handling.
- What are the hurdles?
 - Making sure the changes don't conflict with any new updates by other team members.

Sprint 6, Day 10 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished sprint documentation, prepared screenshots and notes for the review, and ensured all updated routes, UI changes, and error messages are functioning properly.
- What is planned to be done until the next scrum meeting?
 - Present the improvements at the sprint review and be ready to answer questions about mood parsing logic and front-end error handling.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed transition audit
- What is planned to be done until the next scrum meeting?
 - Testing in order to make sure all animations are consistent
- What are the hurdles?
 - None

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Implemented and tested history stats endpoint and functionality
- What is planned to be done until the next scrum meeting?
 - Finish test cases for endpoint and wrap up feature
- What are the hurdles?
 - CORS errors

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Completed optimization pass; generation feels much snappier
- What is planned to be done until the next scrum meeting?
 - Polishing everything like improving accuracy for ambiguous mood phrase
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized all transitions, error feedback enhancements, and prepared the demo portion for the sprint review.
- What is planned to be done until the next scrum meeting?
 - Present the updated transitions and improved error handling at the sprint review.
- What are the hurdles?
 - None.

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

User Stories Accepted:

After a show and tell presentation, the implementation of the following user stories was accepted by the product owners:

- **Mood-Based Text Interpretation Improvements**
 - The user can better understand their written mood descriptions so that the playlists generated feel more accurate to their emotions.
- **Enhanced Playlist Recommendations**
 - Playlist suggestions better match the selected mood or text input so that the listening experience feels more personalized.
- **Playlist History Page**
 - The user can view their previously generated playlists so they can easily revisit moods or playlists they liked.
- **Error Handling and Feedback Enhancements**
 - The user gets clearer messages and smoother feedback when the system cannot generate a playlist so that they better understand what went wrong.
- **UI Transitions and Animation Refinements**
 - The transitions are seamless and animations are subtle across pages so the experience feels modern and polished.

User Stories Rejected:

None. All user stories assigned for Sprint 6 were successfully completed and met the acceptance criteria established at the start of the sprint.

Sprint 6 Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**

Velocity was estimated fairly accurately, but some tasks ended up taking longer due to increased complexity—particularly improvements to the mood-based text interpretation and playlist recommendation algorithms, which required multiple rounds of refinement to feel consistent.

- **Did we do a good job estimating the points (time required) for each user story?**

Point estimates were mostly reasonable, though the enhanced playlist recommendation story required more effort than expected because of the need to fine-tune mood mapping logic and test playlist variety. UI transitions also required extra time to prevent animation conflicts.

- **Did each team member work as scheduled?**

Yes, all team members followed their schedules. However, dependencies between algorithm improvements and front-end playlist display updates required additional coordination to avoid conflicts in data flow and transitions..

What went right?

- Mood-based text interpretation became noticeably more accurate, providing more relevant playlist results and improving the user's experience with text input.
- Enhanced playlist recommendations produced better-matched results, allowing the app to feel more personalized than in previous sprints.
- The new Playlist History Page worked smoothly and allowed users to revisit their previously generated playlists without errors.
- Error handling improvements made system feedback clearer and more user-friendly, especially when playlist generation failed.
- UI transition refinements made the app feel more polished and cohesive, giving a more modern and responsive experience.

- Collaboration remained strong and the team communicated effectively across back-end logic, front-end updates, and testing efforts.

How to address the issues in the next sprint?

How to improve the process?

- Allocate more buffer time for mood-related algorithm improvements since these features tend to require iterative tuning and testing.
- Improve cross-team coordination by reviewing system dependencies earlier in the sprint, especially when new flows affect playlist generation.
- Strengthen documentation for mood-mapping logic and playlist recommendation rules to make troubleshooting easier for all members.

How to improve the product?

- Continue refining the accuracy of mood interpretation by expanding keyword lists or integrating lightweight sentiment analysis.
- Smooth out remaining animation delays to further enhance UI fluidity.
- Expand the Playlist History Page functionality by allowing sorting, filtering, or adding timestamps for clarity.
- Begin considering additional personalization features like mood-based playlist curation history or recently played sections.

Sprint 7 Planning Meeting Minutes

Start Time: 7:00 PM

End Time: 8:00 PM

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

After discussion, the velocity of the team was estimated to be 18 since we believe it is realistic to complete the five user stories listed below in this sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority:

1. **Code Directory Completion**
 - a. *Story Points: 4*
 - b. As a user, I want a complete and clearly structured code directory (source code, executables, scripts, and README) so I can easily access, install, and understand the system.
2. **Documents Directory Finalization**
 - a. *Story Points: 4*
 - b. As a user, I want all project documentation, reports, and scrum records compiled into one organized Documents directory so I can review the full development history and usage details.
3. **Project Poster Creation**
 - a. *Story Points: 3*
 - b. As a user, I want a polished, visually clear poster that explains the system's purpose, workflow, and results so it can be presented at the final showcase.
4. **Presentation Slides**
 - a. *Story Points: 5*
 - b. As a user, I want a clean, informative PowerPoint presentation so the team can effectively communicate the system's features and development process.
5. **Videos Directory (YouTube Playlist + index.html)**
 - a. *Story Points: 3*
 - b. As a user, I want all four required project videos uploaded, linked in an index.html file, and clearly described so I can easily navigate and learn about the system.

The team members indicated their willingness to work on the following user stories:

1. Zara Moreno
 - a. Documents Directory Finalization
 - b. Project Poster Creation
2. Roseline Damiscar
 - a. UI Polishing and Styling Improvements
 - b. Playlist Interaction Enhancements
3. Angie Salazar

- a. Project Poster Creation
- 4. Mauricio Cubillos
 - a. Code Directory Completion
 - b. Videos Directory
- 5. Paola Montejo
 - a. Documents Directory Finalization
 - b. Project Poster Creation

Sprint 7, Day 1 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Outlined the structure for the Documents directory, and gathered all required files that need to be organized. Also began drafting the visual layout ideas for the project poster.
- What is planned to be done until the next scrum meeting?
 - Start placing all documentation into a clean folder hierarchy and begin writing the missing descriptive sections for the Documents directory. Begin the initial poster template to determine the layout.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Worked on the sprint planning and divided the work for the last sprint
- What is planned to be done until the next scrum meeting?
 - Start drafting up layouts for the posters
- What are the hurdles?
 - None.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started gathering requirements for and drafting the PowerPoint presentation
- What is planned to be done until the next scrum meeting?
 - Start an outline for the presentation
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Began working on the Code directory, reviewing the structure and organizing what needs to be cleaned and added.
- What is planned to be done until the next scrum meeting?
 - Begin moving and refactoring files into the updated directory.
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Reviewed the Sprint 7 planning tasks and set up folders for the Documents Directory and Poster assets. Gather required files that need to be organized alongside Zara.
- What is planned to be done until the next scrum meeting?
 - Begin organizing existing reports, retros, and reviews into the Documents Directory. Work on poster ideas with Zara.
- What are the hurdles?
 - Deciding the best structure to keep documentation easy to navigate.

Sprint 7, Day 2 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed the initial organization of the Documents directory. Began writing a clean overview document explaining the purpose of each subfolder.
- What is planned to be done until the next scrum meeting?
 - Continue refining the Documents directory, add missing description files, and begin drafting the first version of the project poster.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Create drafts for the poster for the showcase
- What is planned to be done until the next scrum meeting?
 - Start working on the poster by adding a project description and what problem Moodify is trying to solve
- What are the hurdles?
 - None.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started outline for powerpoint deliverable
- What is planned to be done until the next scrum meeting?
 - Start adding details to the outline to fully develop content
- What are the hurdles?
 - Clarifying information on the requirements

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - The last meeting I started working on reviewing the code directory
- What is planned to be done until the next scrum meeting?
 - Continue reading the directory and begin working on the readme.md file
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Compiled all retrospectives, sprint reviews, and planning minutes into the draft Documents Directory.
- What is planned to be done until the next scrum meeting?
 - Start sorting files into clearly labeled subfolders and draft the directory README.
- What are the hurdles?
 - None at the moment.

Sprint 7, Day 3 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added descriptions to all subdirectories inside Documents and completed the first rough draft of the project poster layout.
- What is planned to be done until the next scrum meeting?
 - Insert screenshots and diagrams into the poster and begin refining text blocks to clearly summarize the system's purpose and workflow.
- What are the hurdles?
 - Need to confirm which screenshots best represent the final UI.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Began to work on the poster and added a section for the project overview
- What is planned to be done until the next scrum meeting?
 - Work on some workflow diagrams to add to the poster
- What are the hurdles?
 - Shorting the project description

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added basic details about project to the powerpoint
- What is planned to be done until the next scrum meeting?
 - Look through the codebase and take notes on the architecture to prepare slides materials
- What are the hurdles?
 - Drafting and refinement

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Restructured and cleaned unused files in the code directory, and updated the files with new additions on the readme file.
- What is planned to be done until the next scrum meeting?
 - Finish Restructuring and begin implementing folder level metadata into readme
- What are the hurdles?
 - Some components are a bit unfamiliar for me to explain

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Organized documentation into subfolders and drafted the initial layout of the Documents README.
- What is planned to be done until the next scrum meeting?
 - Begin outlining the structure and content of the project poster.
- What are the hurdles?
 - Finding the best way to visually summarize the system without overcrowding the poster.

Sprint 7, Day 4 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Updated the poster with final colors, added icons, and incorporated the system architecture diagram.
- What is planned to be done until the next scrum meeting?
 - Work on the results and conclusions section of the poster.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Drafted some diagrams to add to the poster
- What is planned to be done until the next scrum meeting?
 - Add the diagrams to the final product and add the result sections
- What are the hurdles?
 - Figuring out where to place everything

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Took notes on the project structure and system architecture
- What is planned to be done until the next scrum meeting?
 - Process and summarize this information on the presentation slides
- What are the hurdles?
 - Tracing older code to remember its exact functionality

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Updated file references, and prepared a draft version of the videos directory script
- What is planned to be done until the next scrum meeting?
 - Start integrating the video-related backend modules or prototypes and confirm they load correctly in the app.
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Created the poster outline and identified key sections such as system overview, workflow, and results.
- What is planned to be done until the next scrum meeting?
 - Start drafting the visual layout and choosing color and font themes for the poster.
- What are the hurdles?
 - Balancing aesthetics with readability for the final presentation.

Sprint 7, Day 5 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Shortened the poster text and finalized the layout for the system overview and workflow sections.
- What is planned to be done until the next scrum meeting?
 - Finish polishing the poster visuals and prepare the last set of revisions for the Documents directory so it's ready for final review.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished creating the results/conclusion section
- What is planned to be done until the next scrum meeting?
 - Find screenshots and pictures of the app to add to the project
- What are the hurdles?
 - Finding pictures that best suit the information

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished slides for the system architecture, tech stack, and application details
- What is planned to be done until the next scrum meeting?
 - Complete remaining slides for hurdles and solutions
- What are the hurdles?
 - Figuring out how to best synthesize and organize the information

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Completed the video directory prototypes
- What is planned to be done until the next scrum meeting?
 - Work on the code directories and installation guide
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Drafted the first version of the poster layout with placeholders for diagrams and descriptions.
- What is planned to be done until the next scrum meeting?
 - Add finalized text, workflow arrows, and a concise explanation of the mood-to-playlist process.
- What are the hurdles?
 - Condensing explanations enough to fit cleanly in the poster format.

Sprint 7 Backlog Grooming Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 7:00 PM

End time: 8:00 PM

The following user stories were created / discussed / refined / prioritized:

User Story #3 & User Story #4 were prioritized to stay on task for the sprint.

The user stories below are completed:

User Story #3: Project Poster Creation

The user stories below are in progress:

User Story #1: Code Directory Completion

User Story #2: Documents Directory Finalization

User Story #4: Presentation Slides

User Story #5: Videos Directory (YouTube Playlist + index.html)

Sprint 7, Day 6 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized the project poster's text, polished graphics, and aligned the layout for presentation readability. Updated documentation filenames and reorganized minor inconsistencies in the Documents directory.
- What is planned to be done until the next scrum meeting?
 - Begin creating the poster export files and prepare a summary message for the team so they can give feedback before final submission.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added screenshots of the app to add to the poster
- What is planned to be done until the next scrum meeting?
 - To add the conclusions and future work section
- What are the hurdles?
 - Scheduling

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed remaining presentation slides for project challenges and conclusion
- What is planned to be done until the next scrum meeting?
 - Polish as needed
- What are the hurdles?
 - Pinpointing the exact challenges we faced and determining how to articulate them

Mauricio Cubillos:

- How many hours did I work since the last meeting?

- 3
- What was done since the last scrum meeting?
 - Finalized directory structure, finished demo script, and addressed team feedback on naming conventions and organization.
- What is planned to be done until the next scrum meeting?
 - Worked on code documentation improvements.
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Added refined text and updated layout sections to make the poster more readable.
- What is planned to be done until the next scrum meeting?
 - Begin polishing the Documents Directory, cleaning formatting, and verifying file completeness.
- What are the hurdles?
 - Ensuring that every sprint document is accounted for without missing small files.

Sprint 7, Day 7 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Exported poster files in pdf formats, and shared with the team for feedback.
 - Began final polishing of the Documentation.
- What is planned to be done until the next scrum meeting?
 - Incorporate team feedback into the poster and finish verifying completeness of documentation files.
- What are the hurdles?
 - Waiting on final feedback to finalize poster text.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Started writing a script for the video presentation and began creating the directory
- What is planned to be done until the next scrum meeting?
 - Edit the script and divide it between everyone
- What are the hurdles?
 - Making sure the script flows with the presentation

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished polishing up the drafts for the PowerPoint slides with small revisions
- What is planned to be done until the next scrum meeting?
 - Get feedback and double check requirements to ensure they're all fulfilled
- What are the hurdles?
 - Slight proofreading

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3

- What was done since the last scrum meeting?
 - Worked on the directory for the final submission
- What is planned to be done until the next scrum meeting?
 - Continue to write it, mainly focusing on the installation guide
- What are the hurdles?
 - Scheduling

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Polished the Documents Directory and fixed inconsistent formatting across several reports.
- What is planned to be done until the next scrum meeting?
 - Finalize poster graphics and adjust spacing and alignment for visual clarity.
- What are the hurdles?
 - Some graphic elements still need resizing to fit cleanly in the layout.

Sprint 7, Day 8 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Incorporated feedback on poster layout, adjusted font sizes, and confirmed graphics clarity.
- What is planned to be done until the next scrum meeting?
 - Begin final checks for submission readiness for both poster and Documents directory.
- What are the hurdles?
 - Ensuring all files match the required submission format.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Continued editing the script and started with the user manual for the directory
- What is planned to be done until the next scrum meeting?
 - Finalize the script and continue to work on the user manual
- What are the hurdles?
 - Proofreading

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Checked to make sure presentation met all the requirements
- What is planned to be done until the next scrum meeting?
 - Make some revisions to the wording on a few slides and add more images
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Finished the installation guide
- What is planned to be done until the next scrum meeting?
 - Continue with the code directory
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized the layout for the system overview section.
- What is planned to be done until the next scrum meeting?
 - Complete the final polish pass on all text and export a near-final draft.
- What are the hurdles?
 - None.

Sprint 7, Day 9 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finalized poster files for submission, verified Documents directory structure, and prepared submission package for Canvas.
- What is planned to be done until the next scrum meeting?
 - Review presentation slides and help team rehearse transitions.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Continued to work on the user manual
- What is planned to be done until the next scrum meeting?
 - Plan to finish it up and add it to the documentation for submission
- What are the hurdles?
 - Editing spelling and grammar.

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished revisions and wrapped up the powerpoint
- What is planned to be done until the next scrum meeting?
 - Submit presentation
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?

- Finished up with the code directory, etc. and added it to the final documentation folder
- What is planned to be done until the next scrum meeting?
 - Help finish the user manual to submit
- What are the hurdles?
 - None.

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Exported a near-final version of the documentation and checked for typos and layout issues.
- What is planned to be done until the next scrum meeting?
 - Prepare the final version of the Documents Directory with all updated files and README sections.
- What are the hurdles?
 - None.

Sprint 7, Day 10 Standup

Daily Scrum Meeting Minutes:

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

Zara Moreno:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Submitted final poster and Documents directory on Canvas, confirmed files for printing and showcase.
- What is planned to be done until the next scrum meeting?
 - Review all showcase materials, prepare for Q&A practice.
- What are the hurdles?
 - None.

Angie Salazar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Submitted user manual to documentation directory
- What is planned to be done until the next scrum meeting?
 - Double-check that everything is read to submit and practicing the presentation
- What are the hurdles?
 - None

Roseline Damiscar:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Submitted powerpoint presentation
- What is planned to be done until the next scrum meeting?
 - Prepare for the final showcase presentation and review project
- What are the hurdles?
 - None

Mauricio Cubillos:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Finished working on the user manual

- What is planned to be done until the next scrum meeting?
 - Submit the documentation and work on how to present project
- What are the hurdles?
 - None

Paola Montejo:

- How many hours did I work since the last meeting?
 - 3
- What was done since the last scrum meeting?
 - Completed the Documents Directory.
- What is planned to be done until the next scrum meeting?
 - Do a final self-check of both deliverables and prepare them for submission.
- What are the hurdles?
 - None, just making sure everything is grouped and titled correctly.

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start Time: 7:00 PM

End Time: 8:00 PM

User Stories Accepted:

After a show and tell presentation, the implementation of the following user stories was accepted by the product owners:

- **Code Directory Completion**
 - The user now has a complete and clearly structured code directory (source code, executables, scripts, and README) so they can easily access, install, and understand the system.
- **Documents Directory Finalization**
 - The user has access to all project documentation, reports, and scrum records compiled into one organized Documents directory so they can review the full development history and usage details.
- **Project Poster Creation**
 - The team has a polished, visually clear poster that explains the system's purpose, workflow, and results to be presented at the final showcase.
- **Presentation Slides**
 - A clean, informative PowerPoint presentation was created so that the team can effectively communicate the system's features and development process.
- **Videos Directory (YouTube Playlist + index.html)**
 - All four required project videos are uploaded, linked in an index.html file, and clearly described for easily accessible navigation and information about the system.

User Stories Rejected:

None. All user stories assigned for Sprint 7 were successfully completed and met the acceptance criteria established at the start of the sprint.

Sprint 7 Retrospective Meeting Minutes

Attendees: Zara Moreno, Roseline Damiscar, Angie Salazar, Mauricio Cubillos, Paola Montejo

Start time: 8:00 PM

End time: 9:00 PM

What went wrong?

- **Did we do a good job estimating our team's velocity?**

Velocity was estimated fairly accurately, but some tasks took longer than expected, particularly the finalization of documentation and project poster design, which required multiple revisions for clarity and consistency..

- **Did we do a good job estimating the points (time required) for each user story?**

Point estimates were generally reasonable, though the Documents Directory Finalization story required more effort than anticipated because collecting, cleaning, and organizing all sprint records and reports took longer than expected. The presentation slides also demanded additional time due to multiple design and content iterations.

- **Did each team member work as scheduled?**

Yes, all team members followed their schedules. However, dependencies between the documentation, slides, and poster required extra coordination to ensure all materials matched the final system features and terminology.

What went right?

- The Documents Directory was successfully finalized, with all reports, records, and deliverables organized cleanly and consistently.
- The Code Directory was completed with a clear structure, readable documentation, and all required source files properly arranged.
- The Project Poster came together visually polished and effectively explained the system's purpose and workflow.
- The Presentation Slides were completed with a clear flow, professional visuals, and accurate technical explanations.
- The Videos Directory, including the YouTube playlist and index.html file, was organized cleanly and worked without errors.

- Team communication remained strong, allowing members to synchronize edits across documentation, slides, and directories smoothly.

How to address the issues in the next sprint?

How to improve the process?

- Allocate more time for documentation-heavy tasks, as these require polishing, proofreading, and alignment across multiple team members.
- Establish earlier checkpoints for poster and slide drafts to reduce last-minute content changes.
- Strengthen file organization workflows to avoid duplication or outdated materials during directory finalization.

How to improve the product?

- Continue improving clarity and readability across the documentation so users and graders can easily understand the system.
- Enhance the visual design of future materials with consistent branding and formatting.
- Add optional extended documentation, such as a detailed API guide or developer onboarding notes, to further support long-term maintainability.