

User Manual: Moodify

Introduction:

Moodify is a web-based application that helps university students quickly discover Spotify playlists that match their current mood. The system uses pattern-matching NLP to classify either a selected mood or a written mood description into one of five categories: Chill, Focus, Energetic, Happy, and Sad.

Based on this classification, Moodify retrieves up to 5 recommended playlists and 10 preview tracks per playlist from the Spotify Web API. This manual explains how to use Moodify and its main features.

System Requirements:

- Supported Devices
 - Any device with an Internet-connected web browser
- Browser Compatibility
 - Chrome
 - Firefox
 - Safari
 - Microsoft Edge
- Dependencies
 - No user login required
 - Spotify account is not required

Follow the steps with screenshots below:

Launching Moodify

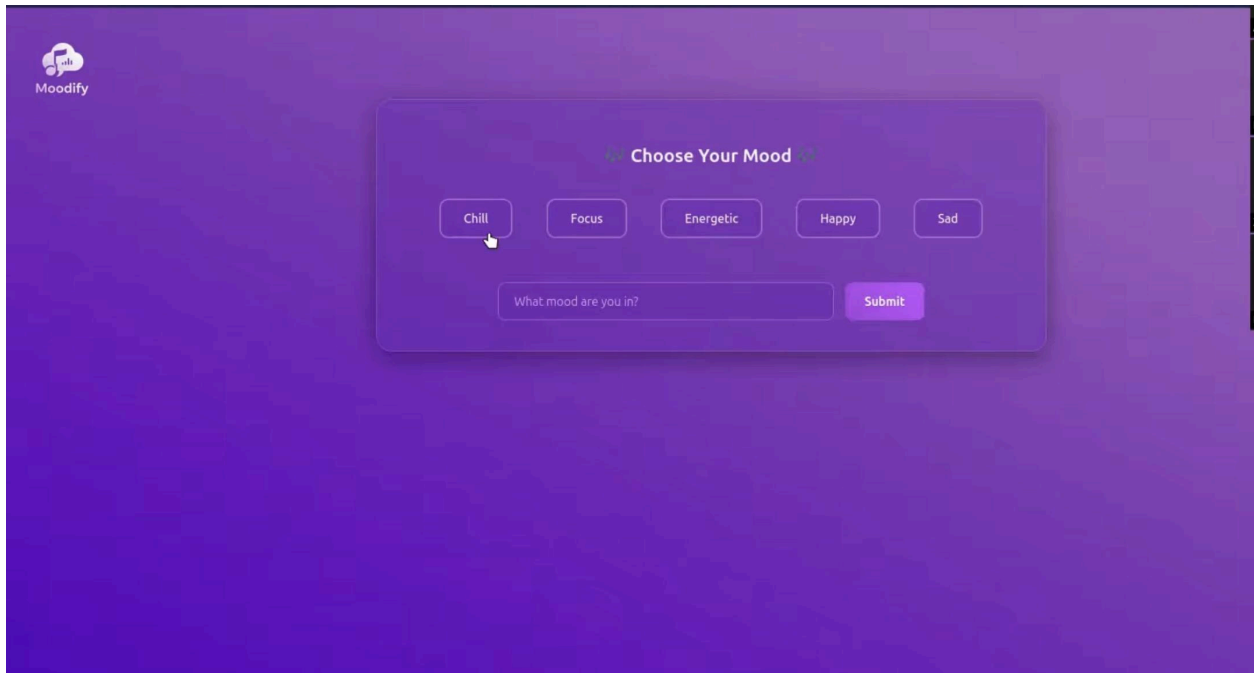
1. Open your web browser
2. Navigate to Moodify URL

Home Screen

The home page displays:

- 5 mood buttons:
 - Chill
 - Focus
 - Energetic

- Happy
- Sad
- A text box for typing your own mood description
- A submit button to generate playlist
- A navigation bar
- Logo on the top left of the screen



Main Features

Select a Predefined Mood

1. Click one of the mood buttons:
 - Chill
 - Focus
 - Energetic
 - Happy
 - Sad
2. The button will highlight to confirm your choice.
3. Click one of the mood buttons.

Moodify will fetch Spotify playlists related to your chosen mood.



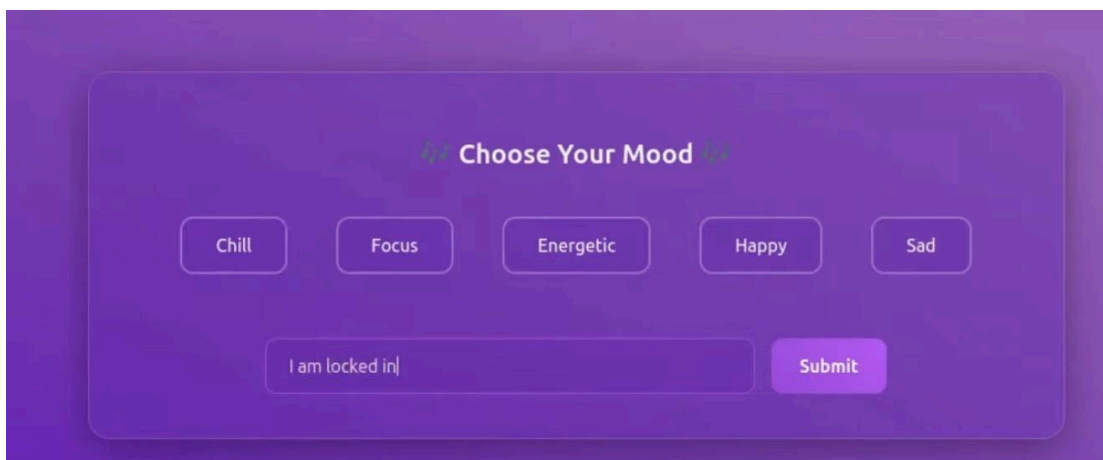
Above example is of the Choose Your Mood display

Text Input Mode

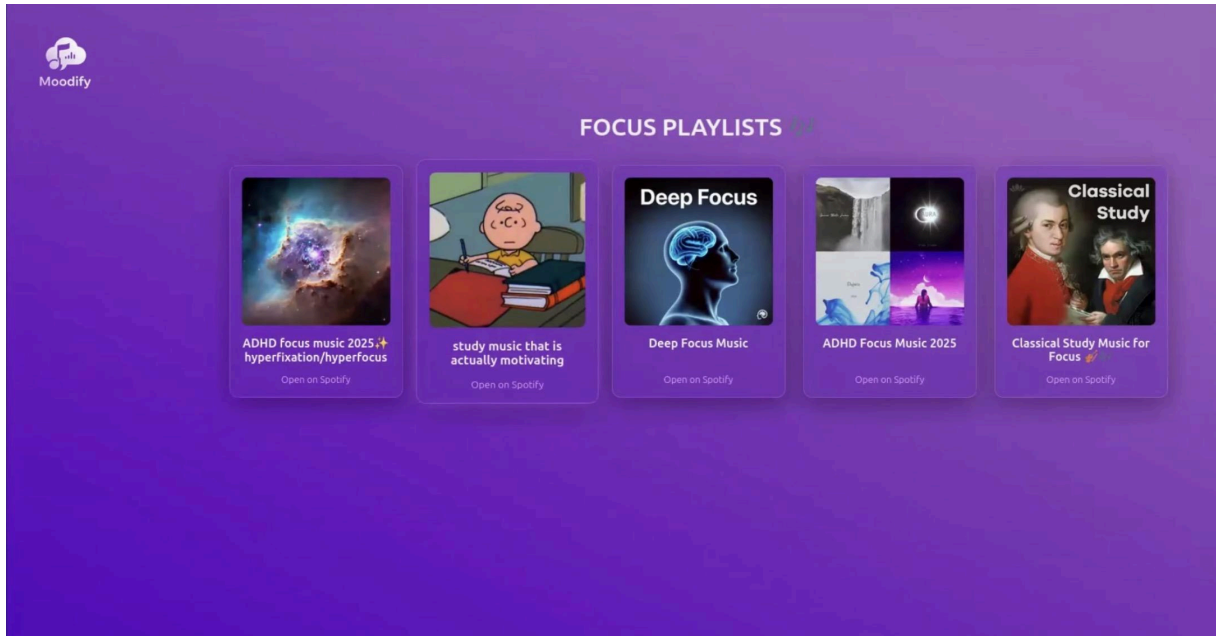
If your feelings don't fit a preset mood:

1. Locate the text input box labeled "What mood are you in?"
2. Type anything, such as:
 - "I'm stressed."
 - "I feel heartbroken."
 - "I feel super amazing."
3. Click Submit.

Below is an example of how to use the text box. User enters "I am locked in" into the text box:



Then Moodify generates playlists for the mood "Focus," which was obtained from the text box.

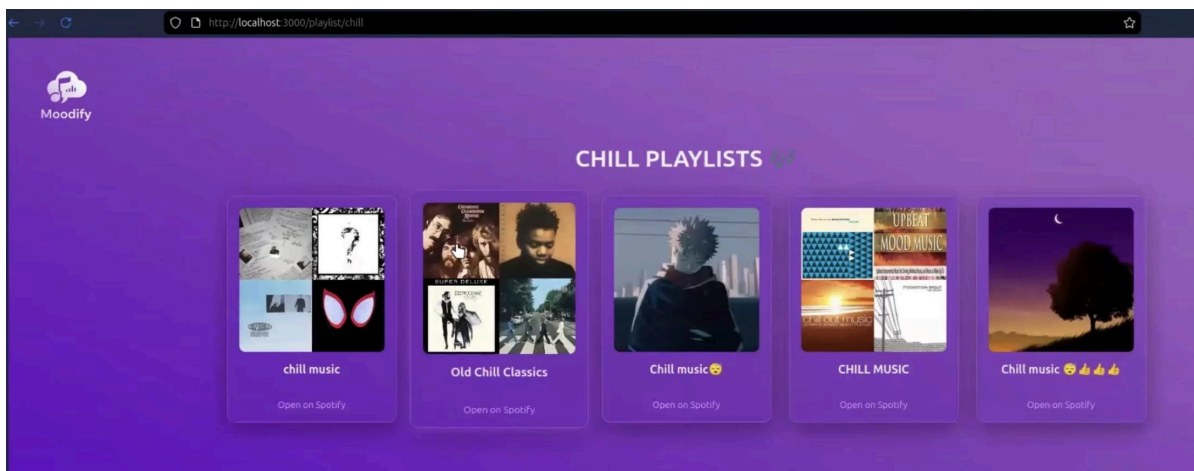


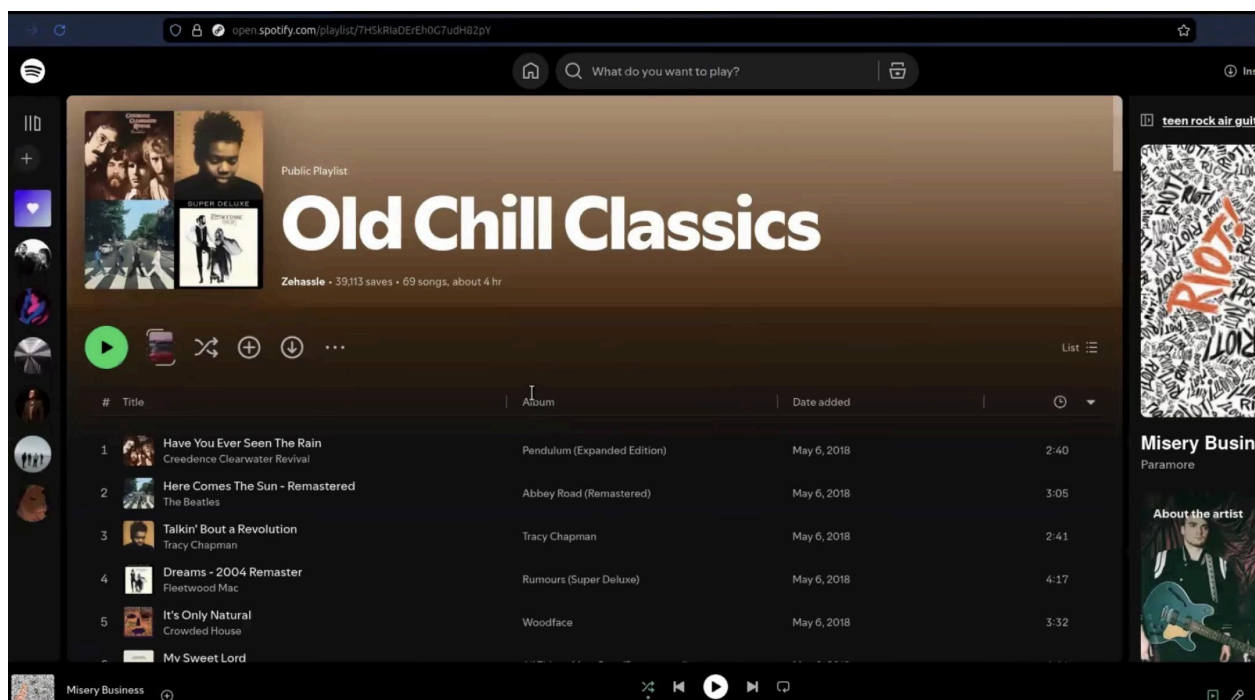
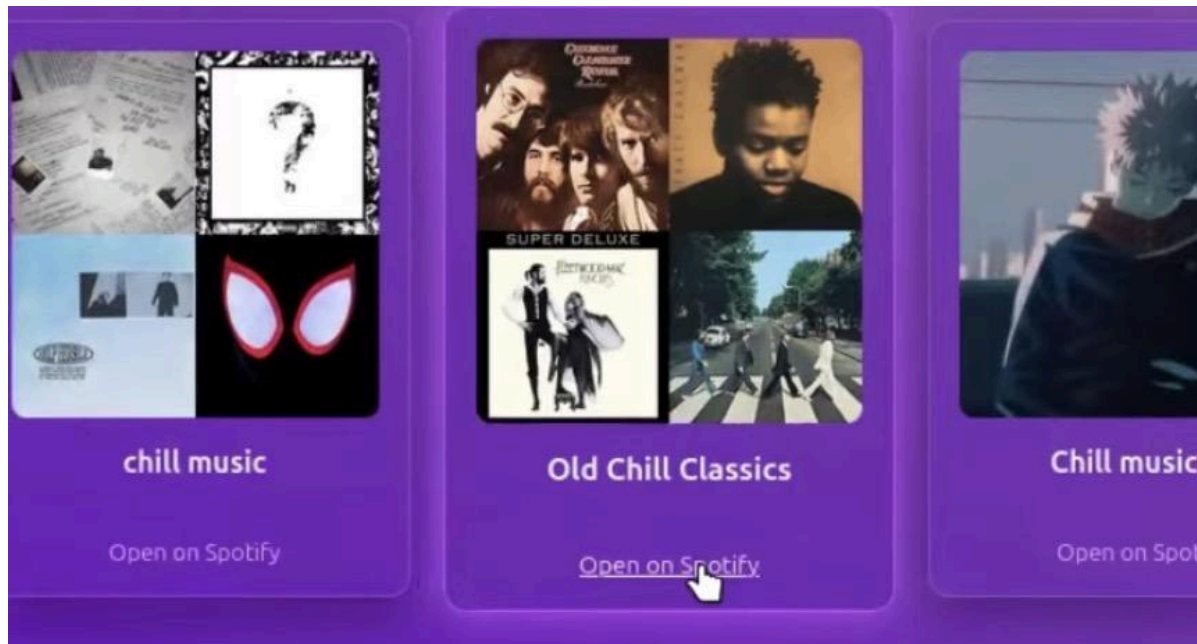
The NLP engine scans your text for mood-related keywords and assigns the mood with the highest match score. If it can't match with one of our assigned moods, it will default to the mood being chill.

Viewing Recommended Playlists

After you submit a mood:

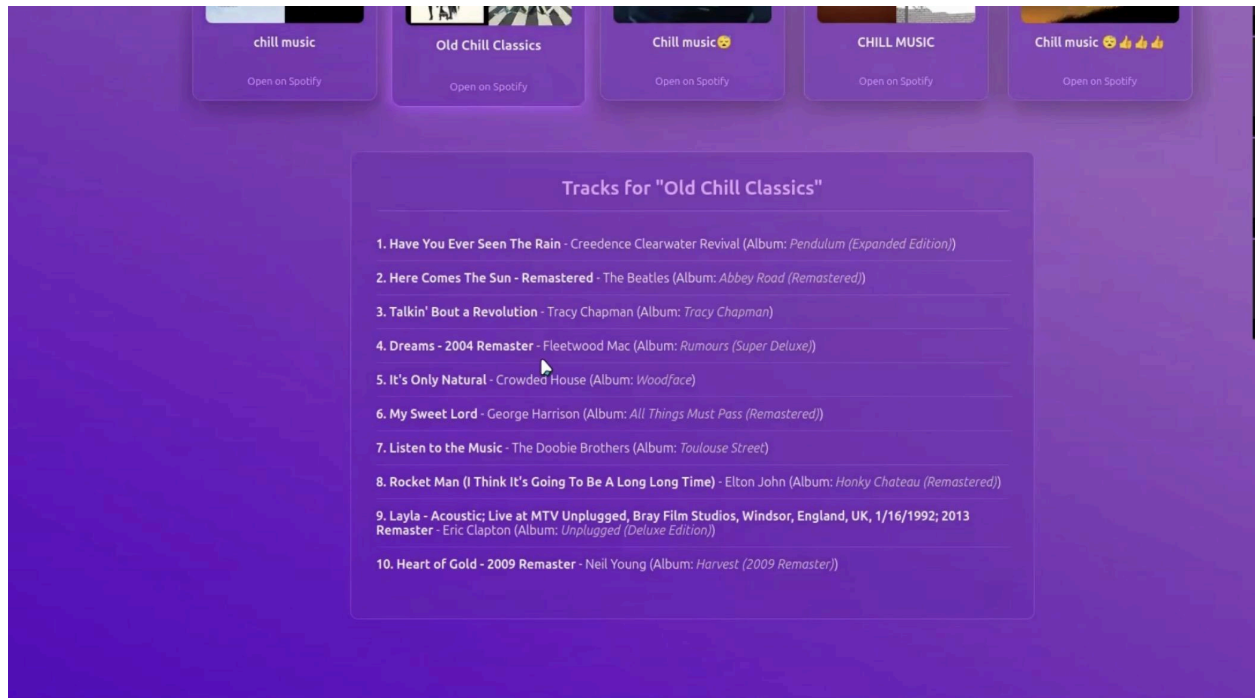
1. The app displays up to 5 playlists, each showing:
 - Playlist name
 - Cover image
 - Playlist name
 - "Open on Spotify" button





The new tab when “Open in Spotify” is clicked above

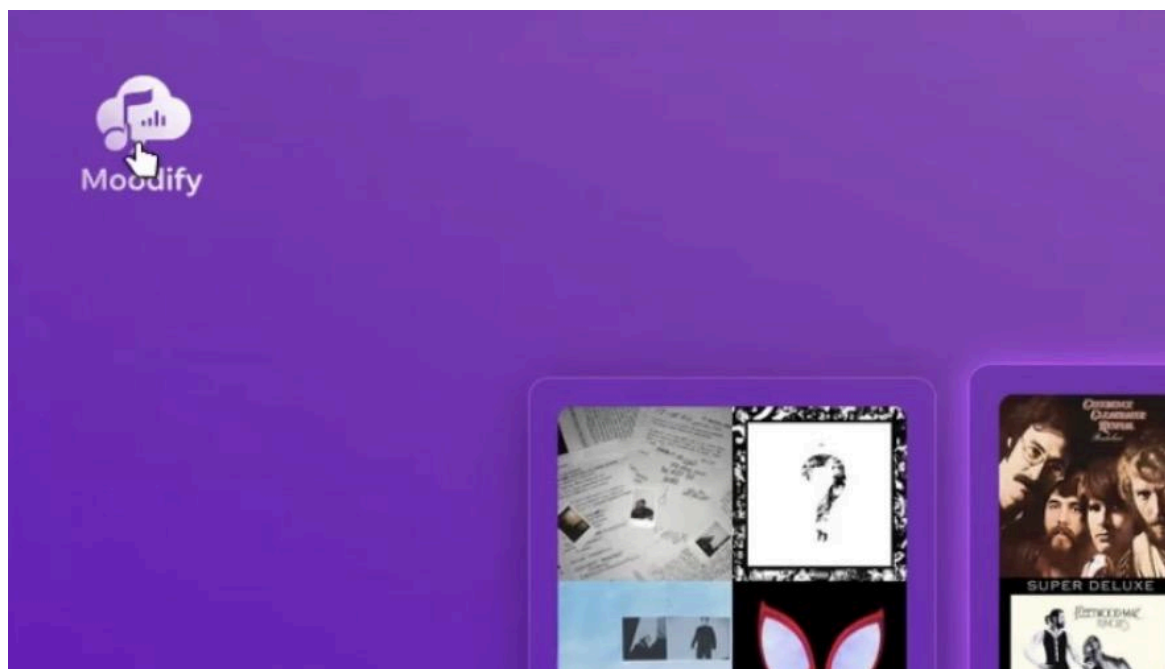
2. Click a playlist to load its preview tracks (up to 10):
 - Track name
 - Artist
 - Album



Returning to Home

If you are done looking at the playlists that are generated or want to see more for other moods:

1. Click on the Moodify logo to send you back to the landing page



2. Once clicked, the landing page will launch and users would be able to submit another mood if they want.

