

Sprint 1 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date: 9/10/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- We were able to fully deploy the frontend and backend of the Web App on Azure. We fixed an issue where the API keys wouldn't work on the deployment. We used a temporary domain provided by Azure to make the web app accessible over the web. We set up continuous delivery on GitHub so that future changes to the "master" branch will be converted to a Docker image and sent to Azure for deployment. We replaced the "Create Account" link with a "Request Access" link in the login page. We implemented a contact form within the app so that users without an account could request one from the PO. We fully implemented the backend for the contact form. We had to scrap Nodemailer since Azure restricts its use. Implemented SendGrid in order to replace Nodemailer and handle sending emails using the information gathered from the contact form.

How to address the issues in the next sprint?

- How to improve the process?
 - Make sure to not underestimate the user stories.
- How to improve the product?
 - We have to focus on the main user story.

Sprint 2 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date:9/24/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- We created the frontend of the create account page which has input fields for a first name, a last name, an email, a button to generate a random password, and radio buttons to assign the user a role. In the future, this create account page will be restricted to the users who have the "Admin" role. We also made the backend for the create account page which handles creating the new account on Firebase Auth using the information provided by the frontend. The backend also handles sending the new user an email with their account information via SendGrid. This was done to help save the PO time when creating accounts for the study's participants. We created the frontend of the forgot password page that accepts an email address and verifies whether it's formatted correctly. We also made the backend for the forgot password page which verifies whether the email address provided is associated to an existing account using Firebase Auth. The backend also generates a password reset email and sends it to the user via SendGrid.

How to address the issues in the next sprint?

- How to improve the process?
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Sprint 3 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date: 10/8/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- We spoke to German Gomez, the network security director at FIU. He created a DNS record for the subdomain the Snackability Web App will be using. We then validated the subdomain, binded an SSL certificate to it, and added it to the Azure deployment. We also improved the Create Account page. We added an input field for the password which will allow the PO to type a custom password or edit the random password generated when the "generate random" button is clicked. Also, when an account is created successfully, the password field is reset along with the rest of the form. We also developed a role system in both the frontend and backend. In the frontend, the "Admin" dropdown button appears only when a user is logged in and they have the admin role tied to their account. The backend is in charge of checking to make sure the user trying to create an account is actually an admin. If a non-admin forces their way into the create account page through the frontend, the backend will not allow them to create an account and will send an "Access denied!" error message.

How to address the issues in the next sprint?

- How to improve the process?
 - Make sure to not underestimate the user stories.
- How to improve the product?
 - We have to focus on the main user story.

Sprint 4 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date: 10/24/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- We found a bug in the score for the 1st ingredient in a snack. Before fixing, whenever you search for a snack that doesn't have ingredients, like Apples or Kiwis, the 1st ingredient score would default to 0. Now that it's fixed, if a snack's ingredients list is empty, it's 1st ingredient score will default to a 2.
- There was another more serious bug in the processed foods score. Before fixing, the `processedFoodsCalculation` method would iterate through the snack's ingredients list and compare each ingredient with the csv file that contains the processed food ingredients. If it found a single processed ingredient in the snack's ingredients list, it would stop iterating through the ingredients list. So, no matter how many processed ingredients a specific snack had, it would only report a single one of them. Now that it's fixed, the `processedFoodCalculation` method will now continue to iterate through the snack's ingredients list until it reaches the very end of that list, all while counting all of the processed ingredients it encounters.

How to address the issues in the next sprint?

- How to improve the process?
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- How to improve the product?
 - We have to focus on the main user story.

Sprint 5 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date: 11/5/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- During this sprint, we started and finished the administration page for the PO. It contains a table that displays every account created on Snackability. The number of rows changes dynamically with the number of open accounts. Every row contains every user's name, email, role, reset password button, disable/enable account button, and a delete account button. The reset button takes the email address of the row it's clicked on and sends it to the backend for processing. It generates a link that's then emailed to the user so that they are able to reset their password. The disable/enable column of the table displays either a "disable account" button when an account is enabled, or an "enable account" button when the account is disabled. Clicking this button will disable/enable that user's account which would restrict/unrestrict access to the webapp. Clicking the delete button would completely remove that user and all of their data from the webapp. This action cannot be undone and the PO would have to create a new account for that user in order to regrant them access to the web app. All the buttons in the "disable/enable account" and "delete account" columns ask for admin confirmation before performing the appropriate action.
- While Capstone 2 worked on the administration page, Capstone 1 focused on testing the accuracy of the Snack Score page. They were instructed to look up random snacks in the USDA database and look up that snack's first ingredient in the 1st ingredient Excel sheet. If that ingredient showed up in the Excel sheet, then the 1st ingredient score on Snackability should be a 2, if not it should be a 0. If the appropriate 1st ingredient score was not displayed on Snackability, then they took a screenshot of that snack and pasted it in a word doc along with the snack's FDC ID so that we could replicate the issue.

How to address the issues in the next sprint?

- How to improve the process?
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Sprint 6 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date: 11/21/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- During this sprint, we made improvements to the snack score page. We added the name of the snack at the top of the snack score table and added the ingredient list for that snack to the bottom of the page. This will make it easier to understand why a certain score was assigned.
- We also worked on fixing the bug in the 1st ingredient score. The code itself was ok, the issue was that the snack score table was being shown before the score was done calculating. We then decided to move the logic for the score calculation to the backend where it belongs. This not only fixed most of the issues with the snack score table, but also has the added benefit of making the app more modular. Now if the PO wanted to add a second frontend like a new mobile app, then all the logic for the snack score can be reused.
- We also worked on making the app a bit more mobile friendly. The app was designed with desktop browsers in mind, so whenever it was opened on a mobile device, some of the design elements would break. We redesigned the navigation bar to detect when the web app is opened on a mobile device and display a dropdown button instead of traditional buttons.

How to address the issues in the next sprint?

- How to improve the process?
 - Make sure to not underestimate the user stories.
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 - We have to focus on the main user story.

Sprint 7 Retrospective Meeting Minutes

Attendees: John Perez, Thiago Novaes, Samantha Loeb, Garcia Milord, Faran Majeed, Jose Arosemena, Anthony Pena, Ricardo Colom, Richard Uriarte

Start time: 3:15 PM EST

End time: 3:30 PM EST

Date: 11/26/2021

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we did a great job at estimating the team's velocity.
- Did we do a good job estimating the points (time required) for each user story?
 - Yes, the user stories were completed within the allotted time.
- Did each team member work as scheduled?
 - Yes, every member did their part.

What went right?

- During this sprint, we prepared the presentation slides, posters, demo video, and intro video for the Showcase. We also made final adjustments to the web app's code and we made sure to answer any of the questions the members of Capstone 1 may have had. After the showcase, I will have another meeting with the members of Capstone 1 in order to transfer account ownership of the web app to them. We also plan to have the rest of the documentation ready by December 13th.

How to address the issues in the next sprint?

- How to improve the process?
 - Make sure to not underestimate the user stories.
- How to improve the product?
 - We have to focus on the main user story.