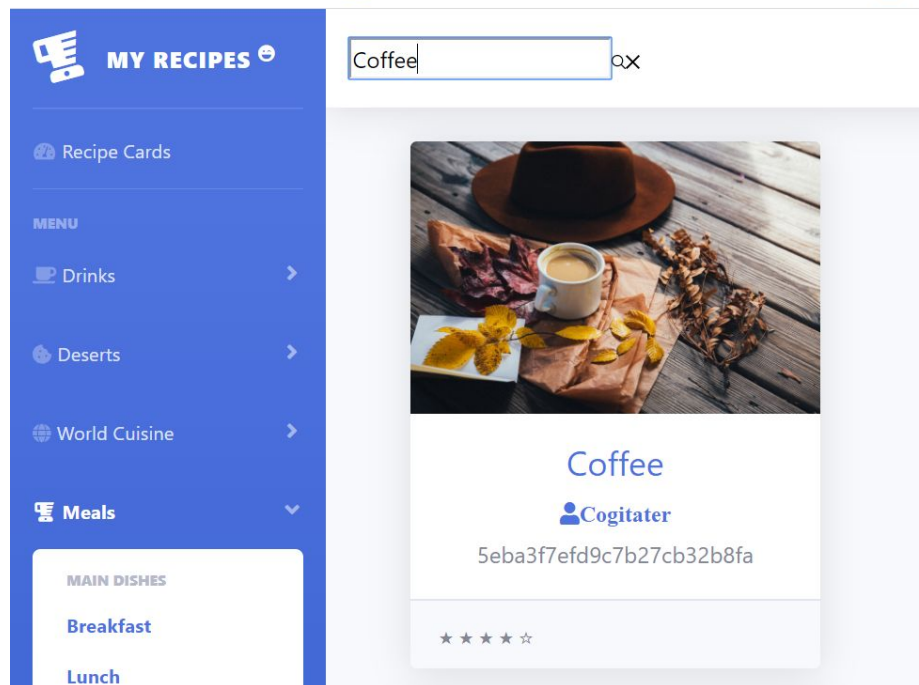# PROJECT MILESTONE
TWO REPORT

MyRecipes APP

DEVELOPERS:

Rediet Negash
Cogitater sigauke
Merry Mekonnen
Pyungkang Hong

SUBMITTED TO PROFESSOR ALEX
MAY 14, 2020

Project Milestone two

1. Individual Progress Update:

Merry Mekonnen:

My schedule was to complete the user controller and recipe controller; I was also scheduled to be in-progress for the review controller and comment controller if there was time. I implemented both the user controller and recipe controller. I also tested that they work as expected using postman. As the user controller and the recipe controller hold various types of associations with many different models, many repositories were edited, used, and tested. I think for this milestone, the user controller and the recipe controller are 100% implemented. Later when we implement the message, notification, and live streaming features, we might need to make some changes on the user controller. The partially implemented tasks are the review controller and the comment controller. They are 20% done.
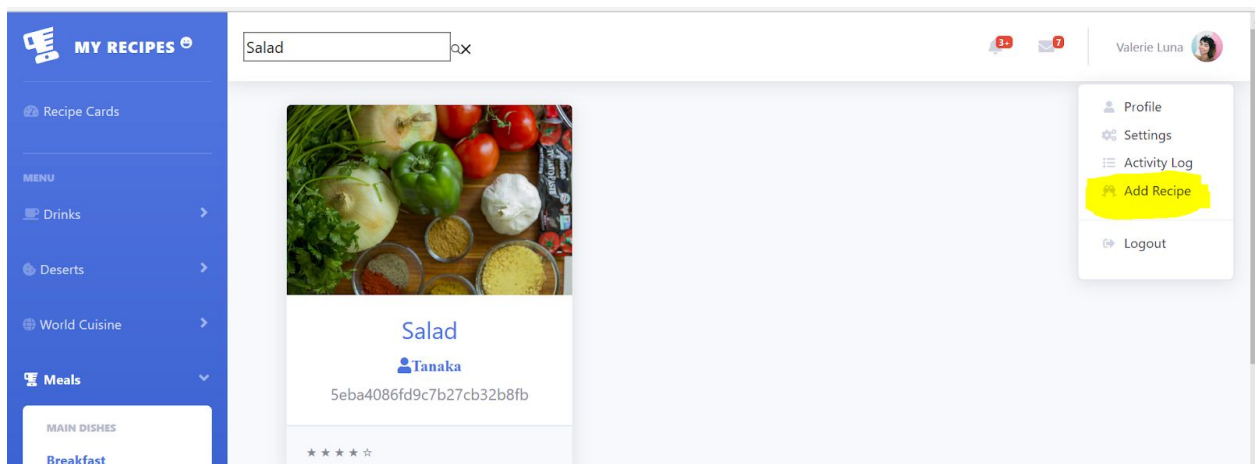
Rediet Negash:

My schedule was to set up a frontend react app and work on the designs. I had to also work on user authentication, adding and displaying recipes when it comes to functionality. I initially worked on setting up my environment to test the code and fix my maven and install dependencies and adjust the environmental variables. Then I worked on setting up the entire app from the frontend and all the designs. Then I worked on user authentication and more on functionality for adding recipes and displaying them. According to the schedule, I managed to do all the CSS that I was scheduled to work on which includes the react home component, add recipe component and Login component. However, as we progress on adding more features, I will add more components for other features like live streaming, chatbox and others as needed with their functionalities and properly communicating with the backend to get the desired data and render them accordingly. The other thing that I did is deploy the database and the application, because the previous one's account subscription was over so I did the whole process of deployment again with a new subscription.

Here I have a progress with detailed description:

- Home page - 85% done- I still need to display the recipe cards in a row and also I need to add the functionality to some buttons that are on the side bars. Basically filtering based on categories. I need to display a profile pic of a user as an icon to the settings. And functionality to message and notification Icon, but that wasn't part of milestone 2. I wasn't able to finish due to errors in user authentication at first and time constraint after the error was fixed.

- Display Recipe- 90% done- I will need to connect every single recipe card to its individual page that contains all the steps to that recipe. I wasn't able to do it as I was so much focused on connecting the frontend to the backend which took me so much time. Now, the big job is done so it won't take me time to send requests and display them accordingly.

- User Authentication- 100% done- I am able to successfully login the user and send information about the user to the backend.

- Add Recipe- 90% done- currently, I can successfully add recipes and save them in the database which are getting displayed among the recipe cards right away after saving them. However, there are some other forms of adding recipes apart from typing that I wanted to give a user an option to, so I need to make those buttons functional. I need to also refine my text boxes and add some other inputs and remove unnecessary ones. I need to also enable the user to add multiple images and also videos when registering a recipe.

Cogitater Sigauke:

My schedule was to set up the backend, fix some loose designs, making sure the backend is working properly. First I created the spring-boot app and set up the azure cosmos mongodb database. After the app was connecting to the database I went on to create and modify some models to fully map them to the database. After that I worked on deploying the full stark app to microsoft azure cloud services. I also documented the step by step on how to do these creation and deployment of the backend and frontend the application. Lastly I worked on implementing the text-based search feature using Algolia Search engine. I added code to index the recipes and users in the backend as well as searching for them in the front end.

Pyungkang Hong:

     My individual schedule was to create a front-end reaction application and design it. I'm also a user-to-user task to block and follow each other. First, we tested the code, designed the installed errors, and provided an environment for adjusting the environment variables. All pages can be processed in the schedule, but live later Adds a page for features such as streaming and adds a front-end script for get and post request transfer. The other is database build and back-end build, but you need to test the entire build process to block and follow users. Many repositories were edited, used, and tested because of different models and different link types**.**

2. Group Progress Update:

Our progress is on the right track. This milestone's main focus was User and Recipe features. On this milestone, we have implemented all the necessary tasks for these two features, such as user account creation, user interaction with other users, recipe insertion by users, and other recipe properties .We also used the Algolia search api. Searching by recipe is the other task we implemented by this milestone. At this point, the front-end successfully communicates with the back-end. The back-end fetches the requested data from the database and sends it to the front-end. Our website is properly functioning.

According to our original design document , we were expected to finish the User, Recipe, Review, and Comment features of our website. However, we have finished only the User and the Recipe features. Even though we're on the right track from the perspective of our major focus, we are a bit behind schedule because of certain factors, such as testing and project setup. Apparently, testing takes time, and for the next milestone we need to assign someone to do the unit testing. The other factor was the project setup; some unexpected issues arose,such as account subscription expiration. One of our team members had to deploy our website ,and it took her a good amount of time. For the next milestone, we will plan time in advance for unexpected issues that may arise. However, on the other side we are also in some sense ahead of schedule since implementing instant search was part of our milestone three but we managed to do it as we figured that it could be helpful when it comes to filtering in different categories.

3. Updated schedule: Update the schedule for the rest of the semester.

The updated schedule can be found from the following trello link:
https://trello.com/b/OUJ2p6AO/schedule