

Milestone 1

Goals for Milestone 1

- Make Project and Navigation (tabs for navigating) through the app.
- User authentication system that only allows UMD emails to sign up.
- The ability to enter metadata about the dish they have cooked.
 - A selector for one or more cuisines, with the ability to add new custom ones.
- Upload the dishes to the database.
 - A scrollable list of the food dishes currently in the database.

Rahul

I was responsible for creating a form that would allow for potential new users to sign up for the app. This part went well and I was able to incorporate all key aspects of information that you would want from a UMD student joining the potluck app. For the future I would have to create a struct/class for the user and then this information entered would be stored in some database where this information can be accessed later. I was able to meet the target for milestone 1.

The figure displays two side-by-side screenshots of a mobile application's sign-up form, titled "Create a PotLuck Acc...".

The left screenshot (timestamp 4:03) shows the empty form with the following input fields:

- First name
- Last name
- Username
- Graduation Year (with a dropdown arrow, currently showing 2021)
- UMD Email
- Password (8 characters minimum, at least one uppercase letter, one lowercase letter, one number, and one special character)
- Confirm Password

The right screenshot (timestamp 4:04) shows the form filled out with the following data:

- First name: Rahul
- Last name: Khanna
- Username: rkhanna1999
- Graduation Year: 2021
- UMD Email: rkhanna@umd.edu
- Password: (masked with dots)
- Confirm Password: (masked with dots)

At the bottom of the right screenshot, there is a blue "Create Account" button.

Figure 1. Screenshots of the Sign Up form

Isha

I was responsible for creating the form that collects information about recipes. The forms give users the ability to enter metadata about the dish they have cooked. This part went well, I was able to create a form that saves recipe name, description, cuisine, and any allergens. The form also checks if the user is on campus to make the pick-up process easier. I was also responsible for creating a selector for one or more cuisines. I incorporated this in the form since it will help filter dishes by cuisine in the next milestones. I was able to meet the target for milestone 1.

Carrier 12:20 AM

What's cooking?

RECIPE INFORMATION

Recipe Name

Recipe Description

Cuisine Italian >

Allergies Peanuts >

Are you located on campus? ☐

Carrier 12:20 AM

What's cooking?

RECIPE INFORMATION

Banana Bread

Banana, Flour, Nuts

Cuisine American >

Allergies Tree Nuts >

Are you located on campus? ☒

[Upload Recipe](#)

Figure 2. Screenshot of basic dishes screen

Sierra

I was responsible for creating the project files and Navigation within our app. Everything went smoothly. There are 3 tabs for different views corresponding to an action a user can take (See all Dishes, Adding a Dish and Signing up). I created each view in it's own separate file so that each group member could easily make their changes without having to worry about merge conflicts. Each tab also includes a symbol that corresponds to the action taking place in that view.

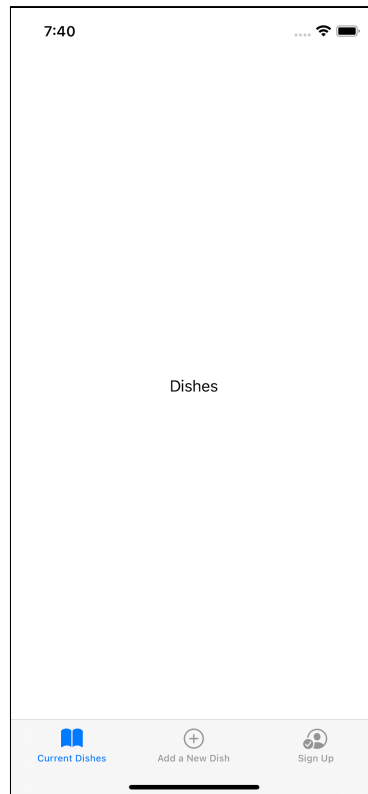


Figure 3. Screenshot of basic navigation

Kurnal

I created a database helper file so our app can perform basic backend operations like creating, getting, updating, and deleting items. I created a model schema for our dishes table, and made a screen that creates a bunch of dishes in the database, gets them, and then displays them in a VStack using ForEach as a proof of concept.