

# Project Milestone 2: RecipEat

## Recitation 15, Group 5

Team 0101

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## Project Features List

### Pantry

The pantry will hold all of the ingredients inputted by the user, and will be the basis of which recipes will be available to the user. To explain, the recipes available to the user will only contain items they already have in their pantry. The pantry can also be updated via request by the user. This would include removing certain items from their pantry based on which recipe was chosen.

### View Recipes

This feature will allow the user to view which recipes are available to them based on the items in their pantry. This feature will also allow the user to view the recipes in which they do not have all of the ingredients, and will display which ingredients are needed. Here, the user can also filter through recipes and give a rating to a recipe. Nutritional information (such as calories), and allergy information will also be displayed alongside each recipe.

### Cooking

This feature will give the user detailed instructions on cooking/preparing any given recipe. Once the user has completed the recipe, the ingredients will automatically be removed from their pantry. The user will also be able to give the recipe a rating.

### Adding a Recipe

With this feature, users will be able to submit their own recipes to the site. These uploaded recipes will be accessible in the user's profile for others to view.

### Account

This feature will allow each user to create and log into an account. In the account page, all of the user's added recipes can be viewed. There will also be a section where the user can "favorite" or "like" a recipe, and these recipes will be displayed here. Chef profiles will allow other users to easily access a chef's recipes, and will be distinguishable from a normal user's account.

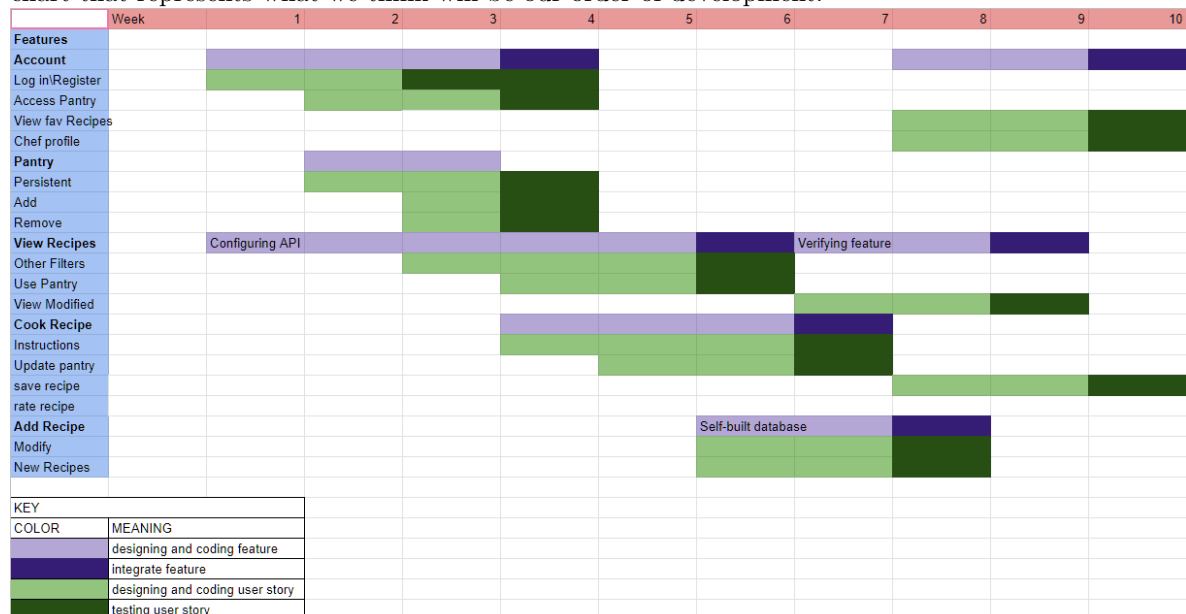
## Requirements

Ideally we will want to use an agile methodology for developing the project. A subset of the user stories for the above features are listed below. The weights are from number of stories in the feature to 1 which are from highest priority to lowest respectively.

- Pantry
  - As a user I want to be able to maintain my pantry - 3
  - As a user I want to be able to add Items to my pantry - 2
  - As a user I want to be able to remove Items from my pantry - 1
- View recipes
  - As a user I want to be able to filter by ingredients in my pantry - 2
  - As a user I want to be able to filter by other metrics, popular, type, allergy/diet, calories, time of day, etc. - 3
  - As a user I want to view modified recipes and the recipes of other users - 1
- View recipes
  - As a user I want to be able to be given step by step instructions while cooking - 4
  - As a user I want finishing a Recipe to remove the ingredients from my pantry - 3
  - As a user I want to save recipes - 2
  - As a user I want to be able to be able to rate recipes as well as modifications - 1
- Add recipies
  - As a user I want to submit modifications/substitutions for recipes - 2
  - As a user I want to submit my own recipes - 1
- Account
  - As a user I want to be able to log in/register - 4
  - As a user I want to access my pantry - 3
  - As a user I want view favorite recipes - 2
  - As a user I want to have a chef profile - 1

## Planning

We Ordered the time in which we started features based on what we thought was first required for other features and then what was most important to the core pantry functionality. Below is a GANNT chart that represents what we think will be our order of development.

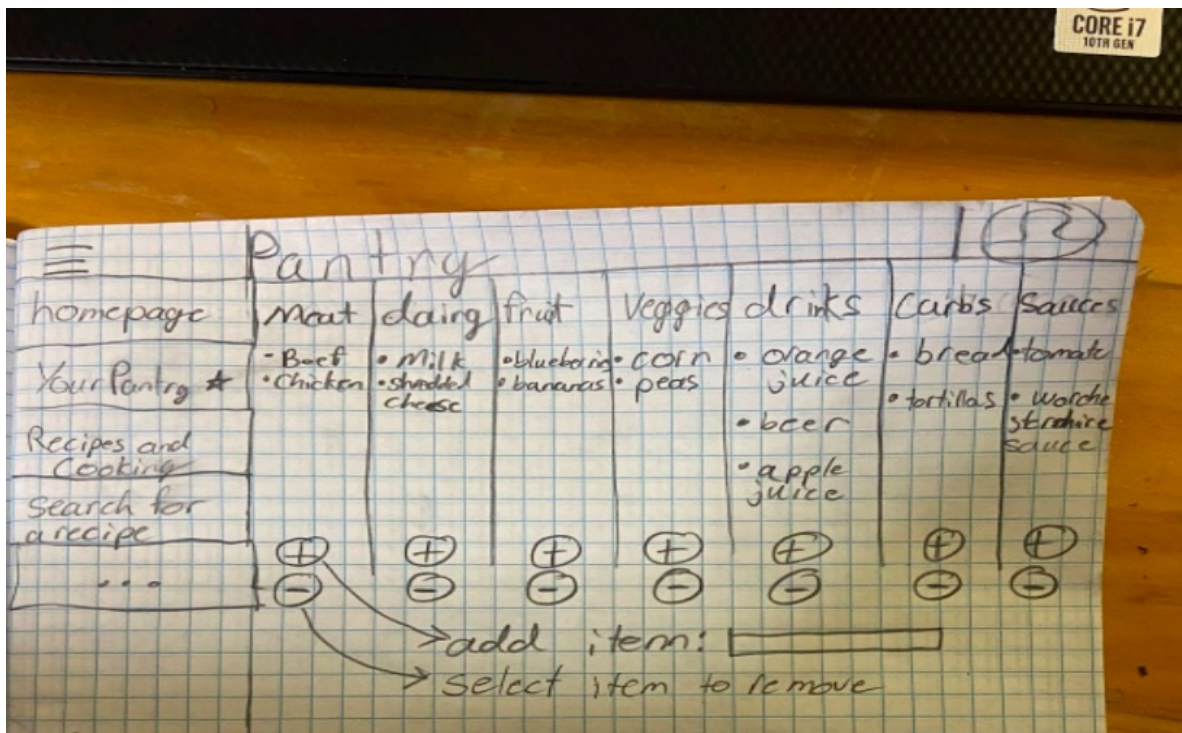


# Wireframes & Design

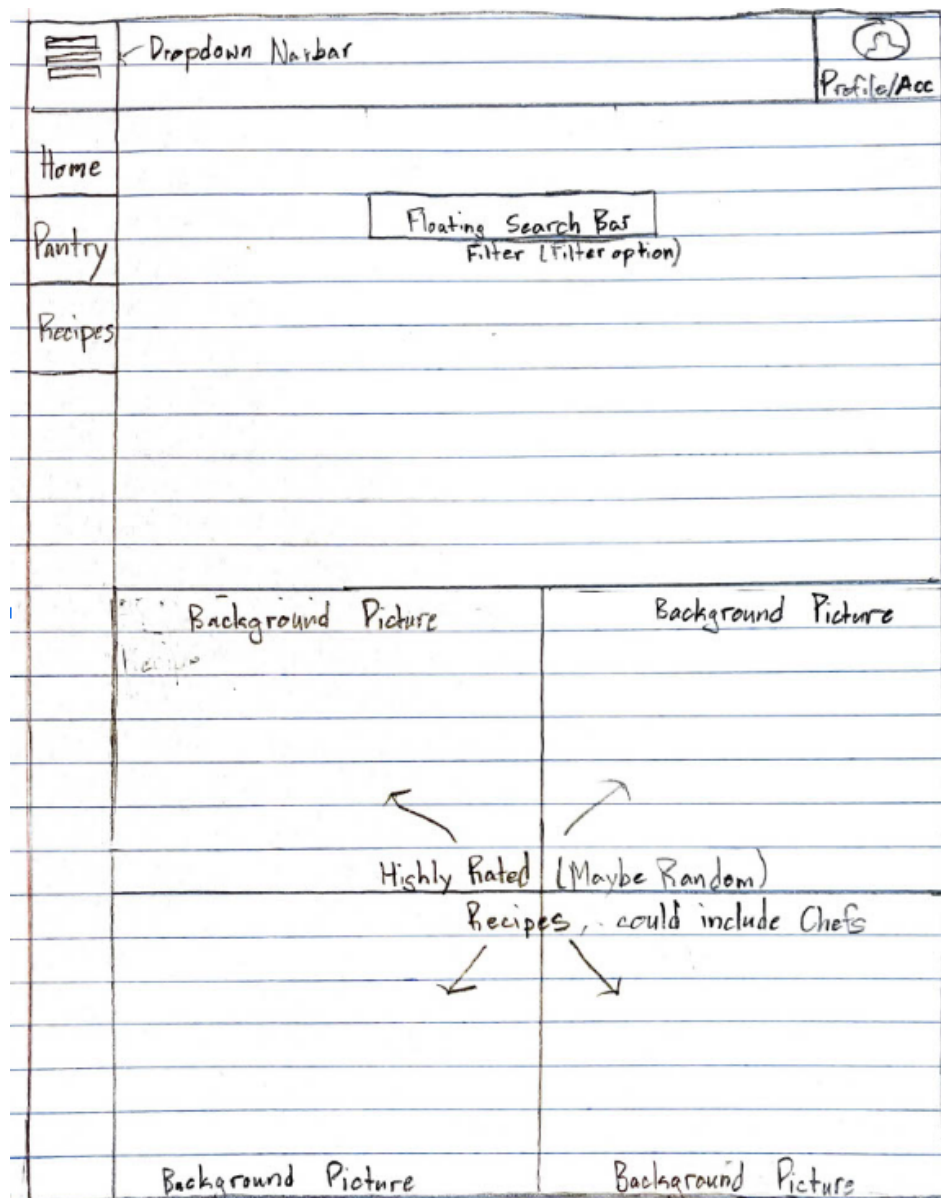
## Home Page



# Pantry Page



## View Recipe Page



## Individual Contributions

We haven't done any coding yet so our GitHub contributions aren't a good measure of work done so far. We also have been using google drive to write our documents and keep the images needed for the reports, so we have no ability to show who's done what with the reports besides the descriptions. So we will have everyone mention their contributions to the milestones we have done so far.

### Jason

For Milestone 1 I worked on the Architecture Diagram for the project, and also helped with some of the other sections like the use case diagram or the website name. I also helped format the LaTeX document and push changes to Github. For milestone 2 I helped format the latex document and GANNT diagram and reviewed/peer edited some of the sections like the project features list.

## **Will**

For Milestone 1 I worked on the Description section as well as the Use Case diagram, as well as helped other sections when needed. I also helped in converting the work to L<sup>A</sup>T<sub>E</sub>X. For Milestone 2 I worked mostly on the GANNT chart as well as the requirements section, I also gave input for other sections where needed.

## **Chucky**

For milestone 2 I added the wire frames to L<sup>A</sup>T<sub>E</sub>X. Talked about the GANNT and somewhat of which things we should focus on.

## **Ryan**

For Milestone 1 I helped build the Use Case diagram, create a vision statement, as well as help on other sections as needed. For Milestone 2 I helped build the GANTT Chart, make use cases, and draw the wireframe for the search page.

## **Braden**

For Milestone 2, I worked on the Project Features List and designed the home page and overall site layout for the Wireframes and Design section.

## **Alex**

For milestone 2 I helped design the Gannt chart as well as created the wireframe for the Panty page of our app.