

Milestone 2

Project Features List

1. Database of list of foods

Functional Requirements:

Should store and organize all of the recipes based on their given category. Each recipe should contain a picture of the food, the name of the food, the recipe itself and other details such as nutrition facts.

Non-Functional Requirements:

Recipes should be kept track of in some way that allows for them to be filtered and shown to the user based on each individual user's interest.

a. Categories

- we will make icons of these categories and when users click on them, they will jump to the page about these categories

- i. Cuisines
- ii. Burgers
- iii. Sandwiches
- iv. Chicken
- v. Breakfast
- vi. Healthy
- vii. Mexican
- viii. Asian
- ix. Desserts
- x. Italian
- xi. Seafood

b. Each recipe will have..

- i. Picture
- ii. Name
- iii. Nutrition/Allergy facts
- iv. Category tags
- v. Actual recipe

2. System for determining likes and dislikes

Functional:

When a user likes a recipe, the recipe will be stored into the user's *likes* history. The user will be able to go back into their history and utilize the recipe at any time.

Non-functional:

- i. Rating system
 - 1. After liking a food item, rate the item in 5 stars
- ii. Listing system
 - 1. Printing list of likes

3. Creating a username/profile

Functional requirements:

In the sign up page, the users will type in their information to create an account. Users will be able to edit and change the contents of their profile.

Non-functional requirements:

The website will store the user's information and be able to use the information for other features such as allergies, and likes

- a. Full name and username
- b. Profile picture
- c. Email address
- d. Phone number
- e. Bio
- f. Location
- g. List of allergies
- h. List of likes

4. Suggestion Feature

- Functional: The user expects to see a feed that is adapting to their likes and dislikes.
- Non-functional: If a user likes/dislikes this specific categories of food multiple times, the website will automatically adjust to the user's feed. If a user likes this food, we can suggest from food in the same category. Eliminating the recipes that are tagged with an allergy the user has.

5. Random Feature

- Functional: This feature will allow the user to view an assortment of recipes at the home page rather than choosing a specific category.
- Non-functional: This will be a randomized list of all of the recipes in the database and it will output in a different page.

6. Recommend a friend Feature

- Functional: This feature will allow the user to recommend a 'liked' recipe to their friends. For instance, after a user likes a recipe and cooks the food, the user is able to go to their 'liked' history and recommend the recipe to a friend or anyone with a technological device. This function will be implemented to give the users an opportunity to share their favorite dishes and recipes to their friends and loved ones. When clicked, the user is able to share the visual and recipe to a friend via messaging, a link, etc.
- Non-Functional: In order for this function to exist, we would need to create a button at the bottom or top of the recipe. When the button is pressed/clicked, there will be a pop-up window to give the user options for sending the recipe. When the recipe is sent, the pop-up window will close.

Project Plan

Present December 2nd, 2019

Link to GANTT chart:

https://docs.google.com/spreadsheets/d/1kETW8xthD8eyZAeE_4f6K4Xq5-t2BL0O3o8UljAnWhc/edit?usp=sharing