Member Template

Ryan Dyke

Functional Requirements

1. Add a function to be able to automatically keep track of the calories of each meal based on ingredients used
2. Add in an ability to manually input allergies to make sure no recipes with ingredients containing those allergens get suggested
3. Add a function to suggest additional recipes you are only missing one or two ingredients of.
4. Be able to manually input the current ingredients you have and be able to also manually input the expiration dates for the ingredients
5. Have a calendar section where you can manually set and plan certain recipes/meals on certain days in order for you to remember them.

Non-Functional Requirements

1. The application should make a dark/night mode for people to view with a darker background (similar to Twitters or googles night mode)

Trey Sylvester

Functional Requirements

1. Add an inventory to the application to allow the manual recording of groceries/food item
2. Add an inventory to the application to allow the manual recording of cooking appliances, stove, oven, air fryer, etc. that a person owns
3. Add a search function to search for possible recipes based on cooking appliances and food items owned.
4. Add a function to sort resulting recipes by calorie count, portion size, cook time, difficulty of cooking, as well as manually setting priority ingredients
5. Add function for a user to favorites recipes to view them at any time, as well as sort for when searching for recipes

Non-Functional Requirements

1. The application should be accessible via website to allow for multi-platform usage.

Jacob Mandelbaum

Functional Requirements

1. Add a way to manually order groceries from local grocery stores for pickup or delivery
2. Add a way to manually add ingredients/items to a grocery list that can be saved without ordering them immediately
3. Add a way for people to post recipes for everyone that uses the app to view
4. Add a way for people to see what ingredients they are missing when they view a recipe
5. Every person’s account should be secured with a password

Non-Functional Requirements

1. The application should allow the user to navigate to the section that they want in 3 clicks or less

Andrew Sunwoo

Functional Requirements

1. Add a function to rate people’s reviews to make them more reliable
2. Add a function to comment on other people’s recipes to offer suggestions, reviews more in depth with a star based rating, and a way to flag recipes as fake or for other issues
3. Add a way for users to display top 10 comments to help users make better decisions
4. Add a way for users to choose a recipe they don’t like, and not be suggested it or things like it again
5. Add a function that sends a notification to the recipe poster when someone comments on users recipe

Non-Functional Requirements

1. The application should load each page in less than 0.01sec

Shrenik Peddibhotla

Functional Requirements

1. Add a guest mode that allows the storing of information on one device without a need to login
2. Add a scheduling function to allow users to schedule a recipe to be posted on a certain day
3. Add a function to suggest recipes automatically to users based on dietary needs / calorie content
4. Add a function that allows users to sort and see the highest rated recipes
5. Add a function that allows users to post private recipes that can only be accessed by certain users or with a password

Non-Functional Requirements

1. The application must securely store each user’s password and if provided, credit card information

Michael Guyer

Functional Requirements

1. Ability to show alternative ingredients for recipes, in the case that the user does not have a certain ingredient.
2. Add the ability for the user to search for other specific users, and visit a profile page of another user where the user can view a list of the recipes this other person has made.
3. Add a way for users to message other users and send them recipes they might like
4. Add categories for different types of recipes, for use in searching for recipes, such sorting search results.
5. Add a list of recipes that is updated automatically monthly that contains the ten most popular recipes being looked at by other users.

Non-Functional Requirements

1. Ability to change the size of the font of the app, for users who may have eyesight issues.

Sectioned off categories based on functional requirements

Inventory (Ryan Dyke)

1. Add in an ability to input allergies to make sure no recipes with ingredients containing those allergens get suggested
2. Add a function to warn the user of potentially expired food, perhaps through a notification
3. Add an inventory to the application to allow the manual recording of cooking appliances, stove, oven, air fryer, etc. that a person owns
4. Add an inventory to the application to allow the manual recording of groceries/food items
5. Add a function to sort food items by metrics such as expiration date/food group

Searching (Trey Sylvester)

1. Add a search function to search for possible recipes based on cooking appliances and food items owned.
2. Add a function to sort resulting recipes by calorie count, portion size, cook time, difficulty of cooking, as well as setting priority ingredients
3. Add function for a user to favorite recipes to view them at any time, as well as sort for when searching for recipes
4. Add a way for users to rate recipes to move them up/down on that search list
5. Add a function to automatically suggest recipes to users based on dietary needs / calorie content

Recipes (Jacob Mandelbaum)

1. Add a way for people to post recipes for everyone that uses the app to view
2. Add a way for people to see what ingredients they are missing when they view a recipe
3. Add a function to comment on recipes to offer suggestions, or reviews more in depth than a star based rating, rate people’s comments to move them up/down the list, and to flag other people recipes for issues or fake recipes
4. Ability to show alternative ingredients for recipes, in the case that the user does not have a certain ingredient.
5. Add a way for users to mark recipes they’re not interested in and not see them again

Shopping (Andrew Sunwoo)

1. Needs to be able to process payments for groceries
2. Add a way to manually order groceries from local grocery stores for pickup or delivery
3. Add a way to manually add ingredients/items to a grocery list that can be saved without ordering them immediately
4. Add a function that store recipes for groceries and allow them to send through email or phone
5. Add a function to quick add missing ingredients to the grocery list favorited recipes

Account (Michael Guyer)

1. Every person’s account should be secured with a password
2. Add a guest mode that allows the storing of information on one device without a need to login
3. Add a function that allows users to post private recipes that can only be accessed by certain users or with a password
4. Add the ability for the user to search other specific users, message them, and visit their profile page where the user can view a list of the recipes this other person has made.
5. Add a way for users to block recipes from certain users
   1. Changed to: Add a way for users to block certain users

Misc Features (Shrenik Peddibhotla)

1. Add a function to be able to automatically keep track of the calories of each meal based on ingredients used
2. Have a calendar section where you can manually set and plan certain recipes/meals on certain days in order for you to remember them.
3. Add a function that allows users to see the highest rated recipes (like a general ranking page for recipes, not specific to current inventory)
4. Add a list of recipes that is automatically updated monthly that contains the ten most popular recipes being looked at by other users.
5. Add a function for people to post pictures of finished products of recipes they've made