# Milestone #2

## Project Features List

1. <u>Private/Public Post Sharing</u>
    a. Users can share recipes to the other users on the app or keep them private
2. <u>Search Tool</u>
    a. Ability to find recipes with the ingredients you have
    b. Abilities to search recipes in general
3. <u>Account Creation</u>
    a. Ability to make an account
4. <u>Ratings</u> - (Vanessa Reyes)
    a. Ability to rate recipes off of taste and time taken to make
5. <u>Cart</u> - (Jaerraude)
    a. Creates a grocery list of the ingredients the user doesn't have for a certain recipe
6. <u>Friend System</u>
    a. Ability to follow a user's recipe posts
7. <u>Dietary Restrictions Warnings</u>          (Developed only if time available)
    a. Markings that notice common allergens in food such as gluten, dairy, or nuts

## Requirements Documentation

## **Private/Public Post Sharing**

Functional:

> ➢ Users will be able to view all their recipes from a single page, in a list format.
> ➢ Users will be able to change their settings on any recipe to public/private/(maybe followers/friends only).
> ➢ Users will be able to have private recipes and share them to specific individuals via a share button. (ex. Certain follower/friend)
> ➢ Users will be able to easily create new recipes.
> ➢ Users will be able to edit any recipe (change name, ingredients and instructions)
> ➢ Users will be able to easily get to their recipes by selecting a "My Recipes" button
> ➢ Users will be able to see their recipe ratings and comments

Non-Functional:

> ➢ If a recipe is set to private only the user who made it can view it.
> ➢ If a recipe is set to public anyone can view their recipe
> ➢ Users will be able to click a "New Recipe" button in order to add a new recipe.
> ➢ Users will be instructed to insert a recipe name, ingredients, and instructions via text boxes
> ➢ Users will be instructed to select their privacy setting on their recipe before publishing their recipe.
> ➢ Users will be able to click on a recipe to change their privacy setting when viewing their recipes, be able to share, and be able to edit via 3 buttons(1 for privacy, 1 for sharing, 1 for editing).
> ➢ Users will be able to store up to (enter number here) recipes
> ➢ Users will be able to easily get to their recipes by selecting a "My Recipes" button
> ➢ Users will be able to sort the way they view their recipes (by date created, a-z, highest rated)

## **Search Tool**

Functional:
- ➢ Users should be able to find recipes by keywords
- ➢ Users should be able to find recipes by ingredients
- ➢ Users can search for other users and follow/friend them
- ➢ Search results should be sortable by either: relevance, rating, or level of difficulty
- ➢ Should be a button where the service checks the items in a user's cart/fridge and returns recipe recommendations

Non-Functional:
- ➢ Clicking on a recipe should bring you to that recipe post on the author's page
- ➢ Searches through all recipes in database that match keywords
- ➢ Importance/generic nature of ingredient taken into account (e.g. searching "beef" and "salt" together should lean more towards recipes with beef)
- ➢ Users should be able to combine searching recipes with searching specific ingredients (e.g. pancakes + almond milk)
- ➢ Searching users should sort by amount of mutual followers, then followers, then alphabetical
- ➢ Private recipes should not show up in search results
- ➢ Results should be returned in a list

## **Account creation**

Functional:
- ➢ Users can create an account
- ➢ Should input name, username, email, and password
- ➢ Choose between public and private account
- ➢ Ability to block other users

Non-Functional:
- ➢ Database should store account details as well as usage statistics
- ➢ Private profiles can only be viewed by the account holder's approved followers
- ➢ Public profiles may be viewed by anyone
- ➢ On profile page, one can see a user's public recipes, followers, posts, reviews, and other miscellaneous info a user may choose to provide
- ➢ Should provide options of "Sign in" or "Create Account" on startup
- ➢ Only one account can be logged in at one time
- ➢ Users can edit the details/information of their profile at any time, including username, email, etc.

## **Ratings**

Functional:
- ➢ Present the ratings of a recipe to the user
- ➢ Show the rating through ranking system
- ➢ Show comments/reviews that have been posted to user
- ➢ Allow the user to create a rating and leave reviews for a recipe

Non-Functional:
- ➢ Ratings presented in aesthetically pleasing format for viewers to be able to understand rating system (e.g. five stars)
- ➢ Reviews are visible to the user when they click on the recipe card to view information for that recipe (e.g. visible at end of recipe information)
- ➢ Reviews are put in order where the newest review is at the top and oldest at bottom
- ➢ Present a form that allows the user to leave a review and rating to be added to the selected recipe
- ➢ Rating/review form will provide input forms for user to fill out making rating system easy to fill out
- ➢ In rating/review form, user will be allowed to select if they want their review to present their username or leave it anonymous

# Cart

Functional:

➢ Present a list of items for the user to later buy
➢ Show the contents that are missing ingredients for the meals you are making
➢ Allow the user to remove or keep items in cart until purchased
➢ An add to cart option if looking at receipts
➢ An add to cart from the search tool

Non-Functional:

➢ Adding objects to the cart shouldn't bring you to the cart but simply add on the bottom of the list
➢ Cart will help keep track of missing ingredients
➢ Cart will be able to indicate the importance of an ingredient based off where the user places on list
➢ Cart should be private to each user since there is no really need for others to see your intended shopping list
➢ Quantity will be a side option for each ingredient
➢ Save shopping cart indefinitely until user removes items

**Friend system**

Functional:
> ➢ Ability to add another user as a friend
> ➢ Ability to view friend's posts
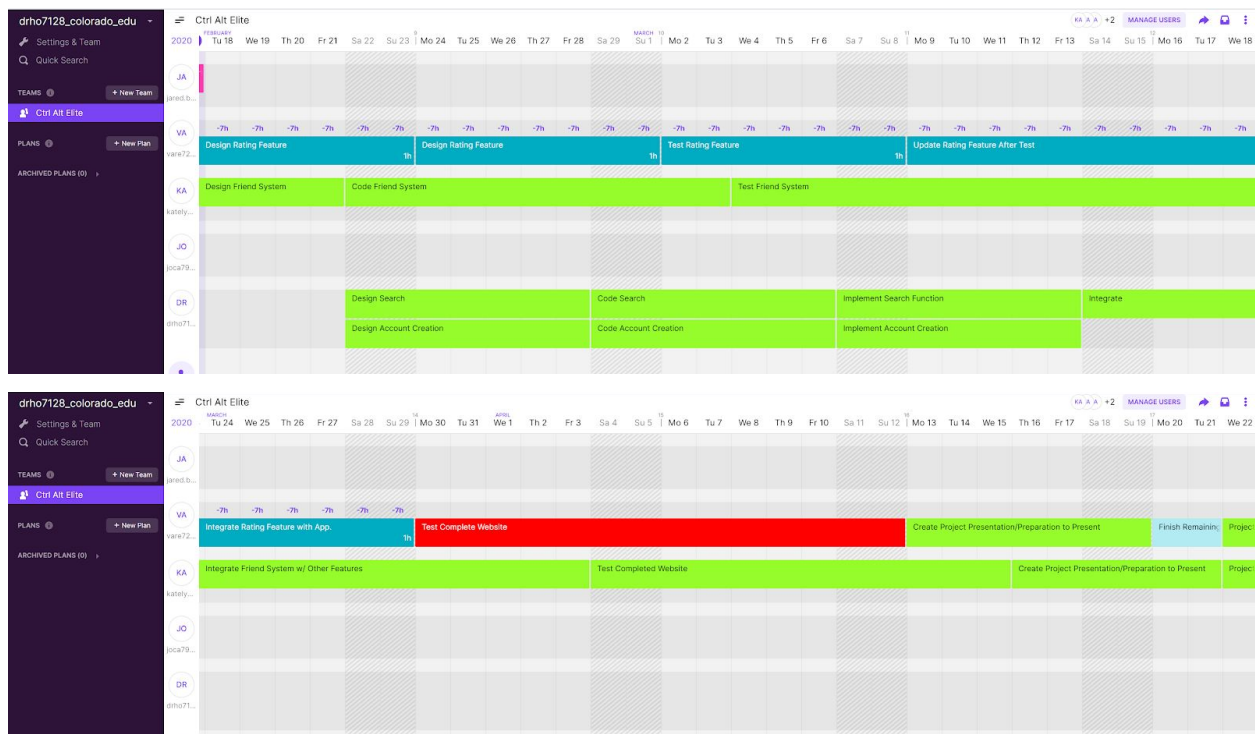> ➢ Ability to deny users from adding you as a friend

Non-Functional:
> ➢ There will be a "follow" button on ones profile where other users can click to add them as a friend
> ➢ A simple design to the user will make it easy to use
> ➢ If one user follows another, it doesn't mean that the other user must follow the initial user back
> ➢ Store a list of friends for each account
> ➢ Posts of "friends" are displayed on a tab when a user is viewing their account
> ➢ If a user doesn't wish to be followed by another user they can block them from following
> ➢ The program will stay reliable and fast even with more users and more posts

**Project Plan**

We are using Toggl to plan out how our project will be completed by April 22. Within

Toggl, we have assigned each person a feature to implement. Each person then creates a timeline

that shows times they will work on their feature, when they will test it, and implement it into the

application. Each person can make sure that they stay up to date with their requirements and can

also see the progress of the rest of the team in order to create a fully developed, working

application that we can turn in on time. As well, we have recorded when we will begin to prepare

for the presentation.

Screenshot of our Toggl project Plan:



Group Toogl Link:
https://plan.toggl.com/#timeline/529701/projects/2092710?zoom=month