

Release Plan
Recipe Generator
10/6/21
Revision 2 11/17/21

High Level Goals:

- An interface where users can input foods and view recipes that align with the ingredients they have available.
- Database to hold recipes or an api that can pull recipes from third party
- ~~— Allow users to post their own recipes (kinda like instagram but for recipes)~~
- Allow users to like recipes and recommend based on user likes
- ~~— Copy and adjust an already created recipe to add to profile~~

User Stories:

- Sprint 1: (database stuff)
 - Database with recipes inside of it / api to call on
 - As a developer, I want a database to contain an extensive list of recipes so that anyone who uses this can find a suitable recipe.
 - Ingredients database to hold searchable ingredients
 - As a developer, I want a database containing the ingredients from all of the recipes so that no matter what ingredient a user inputs, a recipe can be found that contains those ingredients.
 - Getting recipes displayed
 - As an end user, I want recipes to be displayed in a clean fashion so that I can easily find a recipe I want to make.
 - Search capability for said recipes
 - As an end user, I want to be able to input what ingredients I have into a search bar so that I can see what recipes are potential options to make.
- Sprint 2: (initial UI of recipe generation)
 - Navigation architecture (layout of pages)
 - As an end user, I want a clean layout and navigation structure for this app, so that I can quickly find my way around the recipe generator's features.
 - Recipe search UI
 - As an end user, I want to be able to have intuitive search capabilities for what ingredients I have in order to be able to find appropriate recipes.
 - How recipes get displayed
 - As an end user, I want the recipes to be displayed in a clear and concise manner so that reading and following the recipe is a simple process.
 - Color palette
 - As an end user, I want a pleasant color palette in this app, so that there are no harsh colors, nor are there any hard-to-see areas.
 - Logo

- As a developer, I want an eye-catching logo for my app, as this way I can attract as many users as possible.
- Sprint 3: (user profile and recipe likes)
 - Each user has their own profile with avatar pic, username, and password
 - As an end user, I want to be able to customize my own profile, so that I can feel as if I'm an actual user of the app, not just an observer.
 - Each user can like a recipe posted
 - As an end user, I want to be able to like recipes that I am a fan of, so that I feel that my opinion is heard.
- Sprint 4: (previous sprint overflow and project clean up)
 - The Code has a well organized and easy to understand what it does
 - As a Developer, I want well organized and easy to follow code so that I can better understand what the code is doing when I have to debug it.
 - Users stay logged in to the app in between page refreshes
 - As a User, I want to be able to stay logged in to my account when I refresh the web page.
 - Apply consistent color scheme / button / item layout across all aspects of the app
 - As a User, when I view a web application, I should see a visually pleasing color scheme and page layout that is consistent across the entirety of the application.

Product Backlog:

- User recipe creation
- Being able to take a picture and have image recognition to automatically input ingredients.
- Changing the like system to a 5 star rating system where users who use the recipes can leave a more detailed review for future users.
- Being able to talk into a mic regarding what ingredients you have, instead of having to type things.
- Having an AI-based recommendation system where users get recommendations based on what they've liked.