

Project Overview

Users should be able to register accounts using an email, username and password to save their own recipes and their favorite recipes.

Stakeholders in our project include anyone who is interested in cooking either in learning cooking with simple to use recipes or simply veteran with too many recipes to keep track of.

Functional Requirements

- Describe each functionality/features, functional processes, and I/O(s).
 - ➔ Register: Users need to register the system by entering their username, password, and email to access the recipe book. The information will be kept in the database. There should be a register button available that leads to a register page. On that register page should be user inputs that allow for the username, password and email to register with.
 - ➔ Login: The users who have registered need to login to access more performance. It will use standard login with username and password.
 - ➔ Edit Profile: Users will be able to edit the profile they saved including their username and password. There should be a button on the user profile page to update the profile page. Then it should have inputs to change the username and password for the user.
 - ➔ Search Recipe: Users will be able to search for a recipe by filtering them based on titles, ingredients, preparation time, dish category (main, side, dessert, etc.), serving size and alphabetization. There should be a default quick search bar input on the homepage somewhere where it works simply based off title. That should be

able to be expanded into an advanced search with all the sorts of filters and what not.

- ➔ Rate Recipe: Users can rate recipe according to their own tastes. The rating would be a user input with a possible score out of five. The rating should remain unseen until it reaches a sufficient amount of ratings to be an okay average. That rating should be displayed on the recipe page.
- ➔ View Recipe: Users will be able to see the recipes posted by other users and ordered by rate. It should open up the recipe page just by clicking on the desired recipe.
- ➔ Create Recipe: Users will be able to add their own specific recipes. The creation of recipe include entering title, ingredients, preparation time, category and description, steps and other information. There should be a create recipe button somewhere and then have input space to enter all relevant information to the recipe.
- ➔ Delete Recipe: Users can also delete the recipe they created. It should be available to click to delete on the recipe page and have a confirmation button to delete it.
- ➔ Add Favorite: Users can mark the recipes as their favorite. There should be a button on each recipe page that's nice and visible and favorites on button click. That adds the recipe to the user's list of favorites
- ➔ View My (Favorite) Recipe: Users will be able to view all recipes they created/marked as favorite. It should display all the recipes in a list and users

should be able to both unfavorite recipes from the list and open up the recipe for viewing.