Team 3 Testing Document

Feature 1 - Filters

1. Test Cases and Results:
   a. Filter Applications
      i. Description: Filters should be able to be combined and used to either include or exclude recipes
      ii. Input: User selects on the include option or exclude option from a dropdown, then clicks on the filters
      iii. Output:
         - All filter categories are displayed to user
         - When selected, multiple/all filters are marked
         - Filters are marked when selected and left in default form if unselected
         - Selected fIlter options are marked as included/excluded
         - New page is loaded with filters applied
   b. Sort
      i. Description: Users should be able to sort recipes according to cook time, date published, rating, or relevancy
      ii. Input: User selects dropdown menu and clicks on the order they want the recipes to be display in
      iii. Output:
         - User stays on the same page if no sort option is chosen
         - Otherwise a new page is loaded with sorted recipes
   c. Reset Filters
      i. Description: Users should be able to easily reset all filters
      ii. Input: User selects a button to reset filters
      iii. Output:
         - Default display is shown when filters are reset
         - User remains on the same page filters are not reset
2. Test data that will be used to test the feature:
   - Dietary Restrictions (vegan, vegetarian, dairy free)
   - Locations (Mediterranean, American, Japanese)
   - Time (Last hour, Today, This year)
   - Cook time (30 minutes, 1 hour, 2+ hours)
   - Ratings (5 stars, 3 stars and above, 1 star)
3. Test environment that will be used to test the feature:

- Cloud-hosted staging test environment
  4. Acceptance Testers:
     - Classmates
     - Teaching Assistants
     - Course Staff

Feature 2 - Profiles

1. Test Cases and Results:
   a. Change Username/Password
      i. Description: Users are able to access a setting change their username and password
      ii. Input: User clicks on a button to change their username or password, then types their current username/password in the first text box provided and their new username/password in the second. User clicks another button to confirm or discard changes
      iii. Output:
         - Error message is displayed if a text box window is empty
         - Error message is displayed if the username or password is invalid
         - If changes are confirmed, a page with a confirmation message is displayed
         - If changes are discarded, the profile picture is reloaded
   b. Edit Profile
      i. Description: Users are able to change their name, biography, and profile picture
      ii. Input: User clicks on buttons to add or change their name, biography, or profile picture, then another button to confirm or discard changes. Name and biography require text inputs, profile pictures are chosen from a window of preselected options
      iii. Output:
         - A sample profile is shown with the user's new name, biography, or profile picture
         - If changes are saved, the profile page is reloaded with the new details, if any, added
         - If changes are discarded, the profile page is reloaded with its original details
   c. Delete Account
      i. Description: Users are able to delete their account from their profile

   ii. Input: User clicks on a "Delete Account" button

   iii. Output:
- User's profile is deleted
- User's stored information on the database is cleared
- User is redirected to a goodbye page

2. Test data that will be used to test the feature:
   - Images for profile picture options
   - Username and hashed password combinations of current users
   - Name, profile picture, and biography for each username
3. Test environment that will be used to test the feature:
   - Cloud-hosted staging test environment
4. Acceptance Testers:
   - Classmates
   - Teaching Assistants
   - Course Staff

Feature 3 - Recipe Logs

1. Test Cases and Results:

   a. Create Recipes

    i. Description: Users are able to create a new recipe in their recipe logs

    ii. Input: User clicks on a button to add a recipe, then enter their own title, description, instructions, and pictures, then clicks on another button to confirm or discard changes

    iii. Output:
   - If changes are confirmed, the recipe log page is loaded with the new recipe added and "recipe added" message is displayed
   - If changes are discarded, the recipe log page is loaded with no changes and a "no changes" message is displayed

   b. Change Recipes

    i. Description: Users are able to change recipes from their recipe logs

    ii. Input: User clicks on a recipe, then a button to change a recipe, edit the recipe name, description, instructions, or pictures, adds changes, then clicks on another button to confirm or discard changes

    iii. Output:

- If changes are confirmed, the recipe log page is loaded with the updated recipe and a "recipe updated" message is displayed
- If changes are discarded, the recipe log page is loaded with no changes and a "no changes" message is displayed

   c. Delete Recipes
- i. Description: Users should be able to delete recipes from their recipe logs
- ii. Input: User clicks on a recipe, then on a button to delete the recipe, then another button to confirm or cancel
- iii. Output:
  - If confirmed, the recipe log page is loaded with the recipe removed and a "recipe deleted" message is displayed
  - If canceled, the recipe log page is loaded with no changes and a "no changes" message is displayed

   d. Save Recipes
- i. Description: Users are able to save other people's recipes into their own recipe log
- ii. Input: User clicks on a save button next to someone else's recipes
- iii. Output:
  - A "recipe saved" message is shown at the top of the screen
  - The recipe is added to the recipe log

2. Test data that will be used to test the feature:
- Current recipes saved for each username
- Names, descriptions, instructions, and pictures for each recipe

3. Test environment that will be used to test the feature:
- Cloud-hosted staging test environment

4. Acceptance Testers:
- Classmates
- Teaching Assistants
- Course Staff

Feature 4 - Login

1. Test Cases and Results:
   a. Empty Fields
- i. Description: Users are not able to login if their login fields are empty
- ii. Input: User does not provide any text for the username and/or password

   iii. Output:
      ● A popup message is shows notifying the user for blank fields
  b. Incorrect Information
    i. Description: Users are not able to login if their login fields are incorrect
    ii. Input: User provides incorrect information for the username and/or password
   iii. Output:
      ● A popup message is shown notifying the user for incorrect inputs
  c. Successful Login
    i. Description: User is able to login
    ii. Input: User enters a correct username and password
   iii. Output:
      ● The homepage is loaded with the user logged in

2. Test data that will be used to test the feature:
   ● Username and password combinations of current users
3. Test environment that will be used to test the feature:
   ● Cloud-hosted staging test environment
4. Acceptance Testers:
   ● Classmates
   ● Teaching Assistants
   ● Course Staff