

# Testing

## Elton Lee

Tested the delete, preliminary add, and preliminary search functions.

- After hitting delete on a recipe, the recipe should be removed from the database. This is observable in real time in google firebase.
- Add function adds a recipe to the database. Renamed to save function once user authentication was finished.
- Search function should be able to search the database and return a recipe that meets the requirements.

## Qiutong Li

Tested the calories search parameter.

- Hitting search after inputting into the calories parameter should return a recipe with the appropriate amount of calories.

Tested the diet type search function.

- Hitting the diet type parameters should return the corresponding recipes within that category.

Tested the search functionality.

- Filling only one search field, any two search fields, and all three search fields at a time should all return recipes with corresponding search requirements.

## Gardner Mein

Tested the user authentication (Login and Sign Up).

- Entering the correct email and password should log the user into the app.
- The user should have an account once the sign up button is pressed and all the requirements parameters are filled out.

Tested the save function.

- Hitting the save button should add the recipe to the database.

## Zeyu Gao

Tested the desired ingredients search parameter.

- Hitting search after inputting into the desired ingredients parameter should return a recipe with the appropriate ingredients:

- Equivalence class: recipeSearch\_OnClicked, clearFeild, ContainsAny, GetRecipe, nextRecipe\_OnClicked,GoURL
- Use “beef” as test case, the input will be first tested for its format, then will give us a list of recipes contain beef, use Click next to move to next valid recipe, and click the url to access the website.

Tested the unwished ingredients search parameter.

- Hitting search after inputting into the unwished ingredients parameter should return a recipe with the unwished ingredients:
  - Equivalence class: recipeSearch\_OnClicked, clearFeild, ContainsAny, GetRecipe, nextRecipe\_OnClicked,GoURL
  - Use “chicken” as test case, the input will be first tested for its format, then will give us a list of recipes do not contain chicken, use Click next to move to next valid recipe, and click the url to access the website.

Michelle Yeung

Tested the next recipe button functionality.

- Pressing the next recipe button should take user to the next applicable recipe until there are no more recipes that fit the specifications
- If no recipes are found, user should be notified that there are no more recipes in their specified parameters