

# Test Plan and Report

iCook

weCook

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## Test Scenarios

A. User Story 1: As a user, I want to be able to create recipes, edit, or delete recipes on the app so that I have access to all my recipes with information about their ingredients updated and saved.

a. Scenario 1: Create Recipe Entry (**Passed**)

i. Press “Add New Recipe”

Recipe Name = <Scrambled Eggs>

Description = <Delicious breakfast>

Ingredients=<4, Whole, Eggs>, <1, Cup, Salt>, <1, Tablespoon, Butter>, <1, Teaspoon, Pepper>

Instructions = <Beat eggs and cook on a pan>

Recipe Tags = <protein>, <breakfast>

Press “Save”

ii. User should see new recipe entry page formatted to design guidelines

iii. Press Back

iv. User should see newly created recipe under all recipes list in home page

b. Scenario 2: Edit Recipe Entry (**Passed**)

i. Press “Scrambled Eggs” entry on home page

ii. Press “Edit”

iii. Press “Add Ingredient”

iv. Ingredients = <2, Teaspoon, Chives>

v. Add new line to existing instructions: Instructions = <Sprinkle chives on top>

vi. Press “Add New Tag”

vii. Tag Name = <Easy>

viii. Press “Save”

ix. User should see recipe page with updated details in Ingredients, Instructions, and Recipe Tags sections

x. User should see preview of recipe on home page with updated Tags

c. Scenario 3: Delete Recipe Entry (**PASSED**)

i. On the home page press “ADD RECIPES (DEBUG)”

The tester should see a list of recipes generated

ii. Press the trash icon on recipe “Scrambled Eggs”

iii. Confirm the decision, press “Delete”

- iv. The tester should no longer be able to see the recipe under the list of recipes on the home page
- B. User Story 2: As a user, I want to be able to indicate which recipes I have planned for the week so that I can organize and save my meal plan without losing it or having to remember it.
  - a. Scenario 1: Add Recipes from the Meal Planner (**Passed**)
    - i. On the home page press “ADD RECIPES (DEBUG)”  
The tester should see a list of recipes generated
    - ii. Click on the shopping cart icon for recipes <Scrambled Eggs>, <Fried Chicken>, <Eggplant Parmesan>
    - iii. Click on the “Meal Planner” button on the bottom navigation bar
    - iv. The tester should see the list of recipes selected previously under the Planned Recipes List: “Scrambled Eggs”, “Fried Chicken”, “Eggplant Parmesan”
    - v. Add more recipes to the planned recipes page to check whether the scrolling functionality works and displays all elements correctly within the frame
    - vi. Press the shopping cart icon for recipes: <Salad>, <Pasta Carbonara>. <Beef Tacos>
    - vii. Return to Meal Planner page  
The tester should see the updated planned recipes list: “Scrambled Eggs”, “Fried Chicken”, “Eggplant Parmesan”, “Salad”, “Pasta Carbonara”, “Beef Tacos”
    - viii. Press “Clear Planned Recipes”
    - ix. Confirm the decision, press “Yes, Clear Planned Recipes”  
Tester should now see an empty list under Planned Recipes
  - b. Scenario 2: Edit Planned Recipes (**Passed**)
    - i. From the Meal Planner screen, try using the up and down arrows to ensure proper incrementing and decrementing of planned recipe quantity.
      - 1. A recipe should be removed from the planned recipes once the quantity reaches zero. There should not be a scenario where there is a negative recipe quantity
    - ii. While there are multiple recipes in the meal planner, press the button with the label “Clear Planned Recipes” to ensure that recipes are correctly removed from the page.
- C. User Story 3: As a user I want to be able to compile an automated shopping list based on the recipes I have in my meal planner so that I do not have to manually go through recipes and create a list of ingredients I need to buy.

- a. Scenario 1: Compile New Shopping List and Edit Ingredients (**PASSED**)
  - i. On the home page press “ADD RECIPES (DEBUG)”  
The tester should see a list of recipes generated
  - ii. Click the shopping cart icon for recipes <Scrambled Eggs>, <Fried Chicken>, <Eggplant Parmesan>
  - iii. Press “Meal Planner” on the navigation bar
  - iv. The tester should be able to see the selected recipes on the page, in this case: “Scrambled Eggs”, “Fried Chicken”, “Eggplant Parmesan”
  - v. Edit the number of servings for “Scrambled Eggs”  
Press the arrow up once  
Tester should see count increment to <2>
  - vi. Press “Compile New Shopping List”
  - vii. Press “Shopping List” on the navigation bar
  - viii. Tester should be able to see an editable list of ingredients from all recipes selected in Meal Planner
  - ix. Press checkbox next to <8 eggs> to mark as “bought”  
Tester should see check mark next to the ingredient entry
  - x. Press “Delete” next to <2.25 Cups of Salt>  
Tester should not be able to see “2.25 Cups of Salt” under the Shopping List entries
  
- D. User Story 4: As a user, I want to be able to import and export my recipes so that I can transfer my recipes to another device or share with other users
  - a. Scenario 1: User clicks on Export (**PASSED**)
    1. On clicking Export, it asks the user to grant permission to write the to filesystem. If the user grants permission, it creates a myRecipe.db and writes to that file to store the recipe.
  - b. Scenario 2: User clicks on Import (**PASSED**)
    2. On clicking Importing, It asks the user to select a file from their file system and if it matches with the file type, it reads and stores it back to recipe.db which is the main database.
  
- E. As a user I want to search recipes by a keyword so I can immediately find which recipes I want.
  - a. Scenario 1: Look for a recipe using a known keyword (**PASSED**)
    - i. From the multiple recipes page, click the ADD RECIPES (DEBUG) button
    - ii. Click the search bar at the top of the screen
    - iii. Type in “chicken” to the search bar

- iv. Any recipes containing the searched word(s) should be displayed on the multiple recipes page. This should include: “Chicken Curry”, Chicken Caesar Salad”, “Chicken Alfredo”, “Chicken Teriyaki”, “Fried Chicken”, “Roasted Chicken”, “Mushroom Risotto”, and “Tomato Basil Soup”
  - b. Scenario 2: Search for a word that is not contained in any of the recipes **(PASSED)**
    - i. From the multiple recipes page, click the search bar at the top of the screen
    - ii. Type in a word that is not included in any of the recipes: ie “does\_not\_exist”
    - iii. No recipes should be shown
  - c. Scenario 3: Search using multiple keywords **(PASSED)**
    - i. From the multiple recipes page, if there are no recipes press the ADD RECIPES (DEBUG) button
    - ii. Click the search bar at the top of the screen
    - iii. Type in “chicken” and press enter
    - iv. The new search string should appear below the search bar with a trash can icon beside it
    - v. Then type in the word “alfredo” and press enter
    - vi. The only recipes that should be shown is the “Chicken Alfredo” recipe
    - vii. Search strings should be deleted after pressing the trash icon associated with each search and the shown recipes should be updated for the remaining list of search strings
- F. As a user I want to be able to delete recipes that I no longer want to use
  - a. Scenario 1: Delete from multiple recipes screen **(PASSED)**
    - i. While there is at least one recipe in the multiple recipes screen, press the trash can icon to delete the recipe from the list
  - b. Scenario 2: Delete from the view recipe screen **(PASSED)**
    - i. Click on a created recipe from the multiple recipes screen
    - ii. Press the “Edit” button at the bottom of the screen
    - iii. At the bottom of the screen, press the “DELETE RECIPE” button
    - iv. An alert should appear to verify the intention to delete the recipe. Press the “DELETE” option on the alert to remove the recipe from the database
    - v. The user should be redirected to the multiple recipes screen where the deleted recipe should no longer appear.