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Test Plan

Identification	**Test Case 01 - Google login** **Type**: Functionality **Severity**: 2
Instructions	At the landing page, click on the google login button
Expected Result	• Google login popup should show up • This should enable user to enter google credentials • Once logged in successfully, take the user to index page

Identification	**Test Case 02 - Skip Login Button** **Type**: Functionality **Severity**: 2
Instructions	At the landing page, click on the skip button
Expected Result	• The website should not ask for any login information and go straight to the homepage of the website

Identification	**Test Case 03 - Recipe List** **Type**: Functionality **Severity**: 2
Instructions	From the navigation menu, click on a 'view all recipes' button
Expected Result	• List of all recipes from pre-existing data should be displayed on the page

Identification	**Test Case 04 - Pictures of Ingredients** **Type**: Functionality **Severity**: 3
Instructions	Click on any of the recipes
Expected Result	• There should be pictures of the ingredients on the recipe's respective page

Identification	**Test Case 05 - Sorting by calories** **Type**: Equivalence Class **Severity**: 3
Instructions	Click sort by calories on the all recipes page
Expected Result	• The list of recipes should now be sorted in a way (ascending or descending). • Recipes with NULL values would be displayed at the end of the list • Recipes with NAN (Not a number) error will also be displayed at the end of the list • Classes (Numeric, NULL, NAN)

Identification	**Test Case 06 - Sorting by proteins** **Type**: Equivalence Class **Severity**: 3
Instructions	Click sort by proteins on the all recipes page
Expected Result	• The list of recipes should now be sorted in a way (ascending or descending). • Recipes with NULL values would be displayed at the end of the list • Recipes with NAN (Not a number) will not be displayed • Classes (Numeric, NULL, NAN)

Identification	**Test Case 07 - Sorting by sodium content** **Type**: Equivalence Class **Severity**: 3
Instructions	Click sort by sodium on the all recipes page
Expected Result	• The list of recipes should now be sorted in a way (ascending or descending). • Recipes with NULL values would be displayed at the end of the list • Recipes with NAN (Not a number) will not be displayed • Classes (Numeric, NULL, NAN)

Identification	**Test Case 08 - Sorting by fat content** **Type**: Equivalence Class **Severity**: 3
Instructions	Click sort by calories on the all recipes page
Expected Result	• The list of recipes should now be sorted in a way (ascending or descending). • Recipes with NULL values would be displayed at the end of the list • Recipes with NAN (Not a number) will not be displayed • Classes (Numeric, NULL, NAN)

Identification	**Test Case 09 – Ingredient autofill** **Type**: Equivalence Class **Severity**: 1
Instructions	On the search bar for ingredients, start typing common ingredients
Expected Result	• The autofill search bar should start giving suggestions (b → bread) • The suggestions should only be the ingredients in our data. • It should not accept anything other than the suggestions provided • Classes (Ingredients in data, everything else)

Identification	**Test Case 10 - Deleting selected ingredients** **Type**: Functional **Severity**: 2
Instructions	The user would first search for some ingredients Selecting them would add them in the search bar (with a different background color and a small 'x' button on the right side of that ingredient) User should click on the 'x' symbol
Expected Result	• The selected ingredient should be deleted from the search bar • That ingredient should be available to select form the autofill again

Identification	**Test Case 11 - Re-selecting an ingredient** **Type:** Functional **Severity**: 2
Instructions	The user would first search for some ingredient After selecting the previous ingredient (clicking on it), the user would try to re type that ingredient
Expected Result	• The autofill search bar should not include the same ingredient in the suggestions • As a result, the ingredient cannot be re-selected into the already selected ingredients

Identification	**Test Case 12 - Empty ingredient** **Type**: Boundary Value **Severity**: 2
Instructions	The user will try to submit empty strings as ingredients
Expected Result	• Nothing should happen, and an empty should not be submitted as an ingredient.

Identification	**Test Case 13 – Blacklisted Ingredients** **Type**: Functional **Severity**: 2
Instructions	The user would first search for some ingredient in the other search bar to blacklist ingredients The user would click the ingredients they don't want
Expected Result	• The ingredients selected by the user would be put into the blacklist. • The end recipe should not have these particular ingredients. If no recipe is available, the user would be informed of the same

Identification	**Test Case 14 - Select Pre-existing recipes** **Type**: Functional **Severity**: 1
Instructions	The user would use the toggle to show that they want pre-existing recipes
Expected Result	• The website should take the user to a recipe page displaying the closest pre-existing recipe.

Identification	**Test Case 15 – Computer generated recipes** **Type**: Functional **Severity**: 1
Instructions	The user would use the toggle to show that they want computer generated recipes
Expected Result	• The website should take the user to a recipe page displaying a relevant computer-generated recipe.

Identification	**Test Case 16 - Navigation Menu** **Type**: Functional **Severity**: 1
Instructions	The user would use the navigation menu to switch between different sections of the app
Expected Result	• On clicking the logo, user should go to the home page (filling ingredients) • On clicking the 'view all' button, user should go to the recipe list page • The current navigation option should be highlighted

Identification	**Test Case 13 – Sharing recipes** **Type:** Functional **Severity:** 2
Instructions	The user would use the share button to share the recipe on social media
Expected Result	• The user should be prompted to share the recipe/recipe link on social media

Identification	Test Case 17 - Cooking mode **Type**: Functional **Severity**: 2
Instructions	The user would use cooking mode toggle to switch between reading mode and cooking mode
Expected Result	• The user will see a change in UI where it gets easier to see step by step

Identification	**Test Case 18 – Cooking mode buttons** **Type**: Functional **Severity**: 2
Instructions	The user would use the next and previous button to go through the steps
Expected Result	• The user will see different steps getting highlighted and some other changes