TugaBites App – Mobile Applications for iOS

Testing Report

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1. UI Tests

Case Scenario 1: Search and Open Recipe

Description:
Search for "bacalhau" and open the first recipe that appears on the screen.

Steps:

- Open the application
- Go to the Search page
- Search for "bacalhau"
- Confirm that search results appear
- Select the first recipe
- Confirm the integrity of the recipe information, including ingredients and preparation steps

Result:
All UI test expectations were successfully met.
After performing the search, the recipe card, ingredients list, preparation steps, and other specifications were displayed correctly.

Case Scenario 2: Remove Recipe from Favourites

Description:
Remove a recipe from favourites after previously adding it.

Steps:

- Open the application
- Browse through the main page
- Select any recipe
- Add the recipe to favourites
- Navigate to the Favourites page
- Open the selected recipe
- Remove it from favourites

- Confirm that the recipe no longer appears in the favourites list

Result:
All UI test expectations were successfully met.
After completing this task, the favourites list was updated correctly and the recipe was no longer present.

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2. Usability Tests

Case Scenario 1: Search by Ingredient and Save to Favourites

Description:
Find a recipe that contains wine as an ingredient and save it to favourites.

Steps:

- Open the application
- Go to the Search page
- Search for the ingredient "wine"
- Review the list of returned recipes
- Open one of the recipes
- Add the recipe to favourites

Result:
All usability test expectations were successfully met.
The user completed the task without assistance, demonstrating correct understanding of the search and favourites functionalities.

Case Scenario 2: Use Filter to Find a Dessert Recipe

Description:
Find a dessert recipe using the recipe type filter and open its details.

Steps:

- Open the application
- Go to the Search page
- Apply the "Dessert" filter
- Browse the filtered results
- Open a recipe
- Verify ingredients and preparation steps

Result:
All usability test expectations were successfully met.
The filter system was easily understood, and the user navigated efficiently to the desired recipe. Information such as ingredients and preparation was quickly located.

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3. UX Tests

Case Scenario 1: Search Experience Using Different Options

Description:
Evaluate user experience and clarity while searching for recipes using different search options.

Steps:

- Open the application
- Go to the Search page
- Search for a recipe by name or ingredient (e.g., "bacalhau" or "wine")
- Browse the search results
- Open a recipe
- Read ingredients, preparation steps, cooking time, and calories

Result:
All UX test expectations were successfully met.
Users found the search process intuitive and reported that recipe information was clearly structured and easy to understand.

Case Scenario 2: Managing Recipes with Filters and Favourites

Description:
Evaluate user experience when using filters and favourites to manage recipes.

Steps:

- Open the application
- Go to the Search page
- Apply a recipe type filter (e.g., "Dessert" or "Fish")
- Open a filtered recipe
- Add the recipe to favourites
- Navigate to the Favourites page
- Open the favourite recipe

Result:
All UX test expectations were successfully met.
Users felt confident using filters and favourites, reporting a smooth and consistent
navigation experience.

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4. Exploratory Tests

Exploratory testing was conducted to evaluate the robustness, stability, and behaviour of
the application in non-standard and edge-case scenarios.
These tests were performed without predefined scripts, focusing on unexpected inputs
and rapid user interactions.

Exploratory Test – Case Scenario 1: Search Edge Cases

Objective:
Evaluate the behaviour of the search functionality under atypical inputs.

Steps:

- Open the application
- Navigate to the Search page
- Perform a search with empty input
- Perform a search using only whitespace
- Search using accented characters (e.g., "brás")
- Search using uppercase and lowercase combinations
- Observe results after each search

Expected Result:

- The application does not crash or freeze
- Empty or whitespace searches return all recipes
- Searches are case-insensitive
- Accented characters are handled correctly
- Results remain consistent and relevant

Actual Result:
All exploratory test expectations were successfully met.
The search system handled all edge cases correctly without errors or unexpected
behaviour.

Exploratory Test – Case Scenario 2: Favourites Stability

Objective:
Evaluate the stability of the favourites system during repeated interactions.

Steps:

- Open the application
- Browse the main recipes list
- Add a recipe to favourites
- Remove the same recipe
- Repeat the add/remove action multiple times
- Navigate between Home, Search, and Favourites pages
- Close and reopen the application
- Verify the favourites list state

Expected Result:

- No duplicated recipes appear
- The favourites list updates correctly
- No crashes or inconsistent states occur
- Favourites persist after application restart

Actual Result:
All exploratory test expectations were successfully met.
The favourites system remained stable and consistent across interactions and application restarts.