

Test Plan and Report

Detective Dollar

12/05/2023

System Test scenarios:

Expense Tracking:

Scenario: User inputs a new expense. (Pass)

Steps:

- Open the app and navigate to the expense input screen.
- Enter details such as amount, category, and date.
- Save the expense and verify it appears in the expense list.

Category Management:

Scenario: User creates a new spending category. (Pass)

Steps:

- Access the category management section.
- Add a new category and verify it is listed.
- Assign an expense to the new category and confirm it reflects in the expense summary.

Graphical Representation:

Scenario: User views spending trends through graphs. (Pass)

Steps:

- Navigate to the graphical representation section.

- Verify that graphs accurately represent spending patterns based on selected criteria (e.g., weekly, monthly).
- Interact with the graph and confirm that details are updated dynamically.

Date Selection:

Scenario: User selects a specific date range for expense analysis. (Pass)

Steps:

- Access the date selection feature.
- Choose a start and end date.
- Confirm that only expenses within the selected date range are displayed.

Compatibility Testing:

Scenario: Verify app compatibility with different devices and screen sizes. (Pass)

Steps:

- Install and run the app on various devices.
- Confirm that the UI elements adjust appropriately to different screen sizes.

Performance Testing:

Scenario: Test app responsiveness with a large dataset. (Pass)

Steps:

- Input a substantial amount of expense data.
- Navigate through different sections of the app and verify that performance remains acceptable.

Error Handling:

Scenario: Testing how the app handles unexpected errors. (Pass)

Steps:

- Introduce an error, such as invalid data input.
- Verify that the app provides clear error messages and gracefully handles unexpected issues.