System and Unit Test Report
Budget Tracker
December 3rd, 2017

Sprint 1

User Stories Completed:

(1) As a developer, I want to familiarize myself with android studio so I can create the project.

(2) As a developer, I want to organize the code structure to make the project work as efficiently as possible.

(3) As a user, I want to see a basic layout for each activity within the app so that I can see how the project will function.

Sprint 2

User Stories Completed:

(1) As a user I want to be able to manually input my expenses so that I can keep track of everyday items.

(2) As a developer I want to show the user what expenses they currently have so that they can see how they are spending.

Test Scenarios for User Story 1:

Scenario 1:
1. Start Budget Tracker; select plus icon in bottom left corner:
    - Item Name = "Bagel"
    - Price = 2.99
    - Select category from dropdown list
    - Press ADD button
    - User should see a bagel in the list view with the price and category

Scenario 2:
1. Start Budget Tracker; select plus icon in bottom left corner:
   - Press Edit button
   - New Category = "Expendables"
   - Press Create
   - Open list of categories
   - User should see their created category in the list

Test Scenarios for User Story 2:

Scenario 1:
1. Start Budget Tracker; select list icon in bottom bar
2. User should see a list view with all items purchased during that current week along with the date of purchase and price

Sprint 3

User Stories Completed:
1. As a user I want to track my income and set a budget goal with budgets caps.
2. As a user I want to be able to set future expenses in my budget and have input date field to do so.
3. As a developer I would like to create a settings screen to help the user navigate through our app.

Test Scenarios for User Story 1:

Scenario 1:
1. Start Budget Tracker; select gear icon in top right corner
2. Select "Set Current Income"
3. Dialog should pop up
   - Weekly Income = "400.00"
   - Press Set
   - User should see 400 listed for current week income
4. Press Set current income

5. Dialog should pop up
    - Weekly Income = "400.00"
    - Press Set
    - User should see 800 listed for current week income

Scenario 2:
1. Start Budget Tracker; select gear icon in top right corner
2. Select "Set Current Goal Budget"
3. Dialog should pop up
    - Weekly Goal = "500.00"
    - Press Set
    - User should see 500 listed for current week goal budget

Test Scenarios for User Story 2:

Scenario 1:
1. Start Budget Tracker; select plus icon in bottom left corner:
    - Item Name = "Rent"
    - Price = 500
    - Select category from dropdown list
    - Date = "12/25/2017"
    - Press ADD button
    - User should see a bagel in the list view with the price and category
2. Press the back button
3. Press the graph icon in the bottom right corner
4. User should see 500 in the category rent for the week of 12242017

Test Scenarios for User Story 3:

Scenario 1:
1. Start Budget Tracker; select gear icon in top right corner
2. User should see the settings screen with the following: total amount of money spent that current week, the current weeks goal budget, the total income for the week, an option to set the goal budget, an option to set income, an option to delete an item, an option to sign out, and an option to view information about the app

Sprint 4

User Stories Completed:

1. As a developer I want a way for the user to input prices from a receipt so that they don't have to always do it manually.
2. As a developer I want the UI to be more visually appealing and user-friendly.
3. As a developer I want to create a graph so the user can compare their budget and expenses across weeks.

Test Scenarios for User Story 1:

Scenario 1:
1. Start Budget Tracker; select camera icon in bottom bar.
2. User should see gallery with previous photos.
3. Press the camera button.
4. Take a picture of your receipt.
5. Select the image from the gallery.
6. Crop the image accordingly and press save in the top right corner.
7. User should see their image on top with the rest

Test Scenarios for User Story 3:

Scenario 1:
1. Start Budget Tracker; select graph icon in bottom right corner.
2. User should see graph for all the past weeks in their budget, divided by category