**Sprint 4 Plan**

**Budget-Tracker**

**Sprint Complete on 12/03/17**

**Task Listing:**

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.

**(Task 1)** Search up and learn available OCR development kits for the camera. (2 hours)**(Task 2)** Finish creating the camera interface. (1 hour)

**(Task 3)** Implement a storage for receipt photos. (2 hours)

**(Task 4)** Implement OCR for the camera. (7 hours)

**(Task 5)** Implement images into Weeklong Budget class. (0.5 hours)

As a developer I want the UI to be more visually appealing and user-friendly.

**(Task 1)** Create a splash screen before the login screen. (1 hour)

**(Task 2)** Create a logo for the app. (1 hour)

**(Task 3)** Simplify navigation on the main budget screen by rearranging buttons and perhaps adding a floating action button. (1.5 hour)

**(Task 4)** Adding Material Design to manual input activity. (1.5 hour)

As a developer I want to create a graph so the user can compare their budget and expenses across weeks.

**(Task 1)** Finish setting up the stacked bar graph. (3 hours)

**(Task 2)** Link the bar graph with data from Firebase. (2 hours)

**(Task 3)** Create a button within the main screen pie chart to access the bar graph. (0.5hours)

As a developer I want to make sure the app works in all aspects.

**(Task 1)** Create unit tests to ensure functionality of constraints and functions, including for edge cases. (4 hours)

**Total Time: 27 hours**

**Team Roles:**

Christopher Smith - Product Owner

Nathan Hutchinson Mchone - Developer

Darwin Li - Developer

Zechariah Neak - Scrum Master

Jonathan Molina - Developer

**Initial Task Assignment:**

**Christopher:** User Story 4 (Task 1), User Story 1 (Task 5)

**Nathan:** User Story 3 (Task 3), User Story 2 (Task 3)

**Darwin:** User Story 2 (Task 1, 2, 3)

**Zechariah:** User Story 3 (Task 1 & 2)

**Jonathan:** User Story 1 (Task 2 & 3), User Story 2 (Task 4)

**Scrum Times:**

Tuesdays: 3:00pm - 3:20pm

Fridays : 9:10am - 9:25am

Sundays : 2:30pm - 5:30pm