<div align="center">**Sprint 4 Plan**</div>

Product: Digital Butler
Sprint Completion Date: 11/19/2017
Last Revised: 11/20/2017

Goal:
- Begin to make improvements on the UI such as cleaner code and better bootstrap implementation.
- Finish up any implemented data visualization and make improvements.
- Implement API's to display and visualize data.

User story 1:

- (8) As a developer, I want to optimize the UI, so that the website becomes easier to use and understand.
  - Task 1: Create login feature functionality. (3)
  - Task 2: Improve UI bootstrap. (5)

User Story 2:

- (5) As a developer, I want to finish or add more data visualization features or any other features that we can afford to create on the application.
  - Task 3: Implement other types of data visualizations into the data card. (5)

User Story 3:

- (8)As a developer, I want to make data accessible via API so that I can retrieve data to visualize and present.
  - Task 4: Learn general idea of how API's work. (1)
  - Task 5: Integrate API requests into the Angular framework and be able to extract data for data visualization. (8)

User Story 4

- (8) As a developer, I want to create unit tests for components in Angular.
  - Task 6: Use e2e technology to test the components individually. (8)

Team Roles:
- Juan Andreas (Product Owner)
- Avery Sio (Team Member)
- Nima Bazofti (Team Member)
- Brianna de Carvalho Kavanagh (Team Member)
- Preston Gong (Team Member)
- Jeffrey Chan (Scrum Master)
- Scott Davis (Sponsor)

Initial Task Assignment:
- Task 1:Brianna, Juan
- Task 2: Brianna, Preston, Nima
- Task 3: Everyone
- Task 4: Avery, Jeffrey, Juan
- Task 5: Avery, Jeffrey, Juan
- Task 6: Avery, Jeffrey, Juan

Scrum Times:
Mon: 12PM, Tues: 3:40PM, Friday: 5PM, Sunday: 2PM