**UCSC Bus Tracker - Sprint 3 Plan**

Team Members: Nathan Lakritz, Brian Thyfault, Radomyr Bezghin, Rizzian Tuazon

Sprint Start Date: 5/4/2020

Sprint Completion Date: 5/17/2020

Revision Number: 1

Revision Date: 5/4/2020

**Goal**: The goal of this sprint is to basically finish up the iOS implementation of our Bus Tracking App as well as begin the development of the Android version of the app.

**Sprint Tasks**:

* User Story 1: (7) As a student, I want to know the official bus schedule so I can plan my own schedule effectively.
  + Task 1: Separate the data related to campus from the rest of the transit data.
  + Task 2: Store it in the application (Core Data?).
  + Task 3: Show only relevant data depending on time of day.
* User Story 2: (12) As a user I want an accurate ETA calculation.
  + Task 1: Finish implementing Upper Campus ETA (Find and add Upper Campus Bus Stop coordinates)
  + Task 2: Finish Direction tracking algorithm (if bus is going clockwise or counter)
  + Task 3: Test accuracy of ETA (by physically getting on a bus)
* User Story 3: (3) Finish up the info page
  + Task 1: Add segue to connect button to view controller
* User Story 4: (10) Make icons for UI
  + Task 1: Make different icons for Loop, Upper Campus, and night core buses
* User Story 5: (10) As a user I want to have Implement different bus icons in code.
  + Task 1: Decide what icon the bus should have depending on it’s type.

**Team Roles**:

* Brian Thyfault: Project Owner
* Radomyr Bezghin: Scrum Master
* Nathan Lakritz: Developer
* Rizzian Tuazon: Developer

**Initial Task Assignment**:

* Radomyr: U.S. 1
* Rizzian: U.S. 2
* Brian: U.S. 3, 4
* Nathan: U.S. 5

**Scrum Meeting Times**:

* Tuesday 5:00 pm
* Friday 5:00 pm

**TA Meeting Time**:

* Tuesday: 3:10pm-4:55pm