**UCSC Bus Tracker - Sprint 4 Plan**

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

Sprint Start Date: 5/25/2020

Sprint Completion Date: End of Quarter

Revision Number: 1

Revision Date: 4/4/2020

**Sprint Tasks**:

* User Story 1: (7) As a student, I want to know when the next bus is arriving.
  + Task 1: Pull data, from database
  + Task 2: Add it to the Table View Controller
* User Story 2: (5) As a user, I want to know when I have to leave in order to make it onto a bus in time.
  + Task 1: Make busses selectable in bus stops
  + Task 2: Let user choose when to receive a notification regarding its arrival
* User Story 3: (3) As a user I want to see general information about on campus transportation.
  + Task 1: Add Information about how to use the loops
  + Task 2: Add setting for “busses” or “buses”
* User Story 4: (2) As a user I want to be able to see the icons easily against the map
  + Task 1: Add new images to xcassets and connect them to the code
* User Story 5: (10) As a user I want to see busses always turned correctly.
  + Task 1: Take heading info from the server and implement it to show the correct direction of the bus.
  + Task 2: Improve Direction Detecting Algorithm
* User Story 6: (3) As a user I want to have NightCore Route displayed on a map.
  + Task 1: Map out route and create button
  + Task 2: Group all route buttons

**Team Roles**:

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

**Initial Task Assignment**:

* Radomyr: U.S. 1,2
* Rizzian: U.S. 5
* Brian: U.S. 3, 4
* Nathan: U.S. 6

**Scrum Meeting Times**:

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

**TA Meeting Time**:

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