**Sprint 2 Plan**

**CarTrekk - v0.0**

**User Stories**

**Scrum board:** [**https://ucsc-team-fp829a1d.atlassian.net/jira/software/projects/SCRUM/boards/1?atlOrigin=eyJpIjoiMDYxNTQxNmFhNzY1NGZjODkwYzVjZDdiYWZkNGUwOWUiLCJwIjoiaiJ9**](https://ucsc-team-fp829a1d.atlassian.net/jira/software/projects/SCRUM/boards/1?atlOrigin=eyJpIjoiMDYxNTQxNmFhNzY1NGZjODkwYzVjZDdiYWZkNGUwOWUiLCJwIjoiaiJ9)

**User Story 1**: As a driver, I want to be able to login to the app so I can use the app and have unique route data.[Story Points: 2]

* Task 1.1: Use Firebase to setup login authentication(4 hours)
* Task 1.2: Set up Firebase/Firestore credentials and tables to start tracking data (6 hours)
  + Table features:
    - Route: Time to complete route, distance travelled, avg speed, date, list of image url, gpx/route layout, etc.
    - User: user-id, username, email, age, profile picture, image url

*Total Time for User Story 1: 10 hours*

**User Story 2**: User Story: As a user I need accurate route tracking information *(Swift ios api’s)* [Story Points: 5]

* Task 2.1: Finalize which endpoints and packages to use from the Swift IOS API (2 hours)
* Task 2.2: Test and ensure that we can accurately save the user’s route tracking information in Firebase
* Task 2.3: Set up route tracking with geolocation and data extraction, through user inputs

*Total Time for User Story 2: 12 hours*

**User Story 3:** User Story: As a user I want to interact with the routes other people have gone on through likes, comments, follows, etc. *(Swift + Database)*  [Story Points: 3]

* Task 3.1: We need to update Firebase tables to store likes, comments and other social interactions. (2 hours)
* Task 3.2: Research how the interactions are going to happen on the Swift end. How do we expose the route data to other users? ( 6 hours )

*Total Time for User Story 3: 8 hours*

**Team Roles**

* Tejas Vaze: Product Owner
* Preet Tank: Developer
* Daniel Yang: Scrum Master
* Ameek Singh: Developer
* Sahil Tallam: Developer

**Initial Task Assignment**

* Tejas Vaze: Task 2.1 2.3
* Preet Tank: Task 1.1 1.2 3.1
* Daniel Yang: Task 2.1 2.3
* Ameek Singh: Task 2.2 3.2
* Sahil Tallam: Task 2.2 2.3

**Scrum Times:**

* Monday 1:00 PM
* Tuesday 9:50 AM (TA)
* Wednesday 8:00 PM
* Friday 7:00 PM