Sprint 2 Plan
CarTrekk - v0.0

User Stories

Scrum board: https://ucsc-team-
fp829a1d.atlassian.net/jira/software/projects/SCRUM/boards/1?atlOrigin=eyJ
pIjoiMDYxNTQxNmFhNzY1NGZjODkwYzVjZDdiYWZkNGUwOWUiLCJ
wIjoiaiJ9

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