

Sprint 1 Plan

CarTrek - v0.0

User Stories

Scrum board: <https://ucsc-team-fp829a1d.atlassian.net/jira/software/projects/SCRUM/boards/1?atlOrigin=eyJpIjoiMDYxNTQxNmFhNzY1NGZjODkwYzVjZDdiYWZkNGUwOWUiLCJwIjoiIj9>

User Story 1: As a Driver I want to be able to log my drives both ,commute and leisure, so that I can share them with others and keep them for my reference[Story Points: 5]

- Task 1.1: Figure out how to interact with db with swift frontend (6 hours)
- Task 1.2: Set up firebase/firestore credentials and tables to start tracking data (3 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?(don't store password, use auth later for passwords)
 - User one to many relationship with route
- Task 1.3: Set up AWS S3 to store image files, point image urls to firestore (3 hours)

Total Time for User Story 1: 12 hours

User Story 2: As a Driver, I want a minimalist UI that gives me all relevant driver information while not distracting the drive.[Story Points: 5]

- Task 2.1: Familiarize and understand swift syntax (6 hours)
- Task 2.2: Agree upon a basic UI and then implement it that can be improved upon in the future and work towards implementing that (6 hours)
- Task 2.3: Create home screen with personal user and password
- Task 2.4: Create preliminary “Start Drive ” , “End Drive” pages with a drive evaluation page after.

Total Time for User Story 2: 12 hours

User Story 3: As a driving enthusiast, I want to log all my drives accurately so I can refer back to them / get drive summaries. [Story Points: 5]

- Task 3.1: Understand the different packages that we need to use/how we can use them to track a IOS users location/movements (4 hours)
- Task 3.2: Figure out how to record a user's location data and display it on a map. (6 hours)

Total Time for User Story 2: 10 hours

Team Roles

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

Initial Task Assignment

- Tejas Vaze: Task 3.1, 3.2
- Preet Tank: Task 1.1, 1.2, 1.3
- Daniel Yang: Task 2.1, 2.2
- Ameek Singh: Task 2.1, 3.1, 3.2
- Sahil Tallam: Task 2.1, 2.2

Scrum Times:

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