

Sprint 2 Report - CMPS 115 – CarTrekK

Actions to stop doing:

Our stand-up meetings need more structure and consistency. This sprint we were better at taking a few days for work in groups. However all of the work sessions were impromptu and whenever we were able to just randomly sit together. We should either strictly adhere to our established schedule or collectively agree on new times that work for everyone. Additionally, our meetings often drift off-topic, reducing their effectiveness. We need to maintain focus on project updates and sprint goals during both stand-ups and working sessions.

Actions to start doing:

We need to establish well-defined milestones for our project to ensure steady progress and accountability. Vague objectives make it difficult to measure success, so each milestone should be specific, achievable, and time-bound. Setting realistic milestones is just as important as defining them clearly. We should also consider buffer time for unexpected challenges, ensuring that we maintain steady progress without feeling overwhelmed. Regularly reassessing our milestones will help us stay flexible and adjust based on our actual progress and team capacity.

Actions to keep doing:

We are often very productive when we work together in person. We should keep having in person sessions where we all code together. We are usually able to get much more done together than separately because when we work together, there is a free flow of ideas and we can give each other feedback in real time. Another thing that we need to keep doing is keeping the Jira board up to date and consistent. When we use Jira properly, we can better see what tasks each of us are working on and avoid two people doing the same task without knowing. The last thing we should keep doing is properly using version control. Working on branches is good because we won't run into any serious merge conflicts.

Work completed/not completed:

Finished:

- Used Firebase to setup login authentication with email and password
- Set up Firebase/Firestore credentials and tables to start tracking data
- Finalized endpoints and packages to use from Swift IOS API
- Set up route tracking with geolocation and data extraction, through user inputs
- Tested that we can accurately save the user's route tracking information in Firebase

Not Finished:

- Update Firebase tables to store likes, comments and other social interactions

- Research how the interactions should happen on the Swift end

This week we mainly focused on setting up some needed functionality for the app including authentication, route tracking, and connections with the firebase database. We ad

• Work completion rate

Total User Stories Completed: 7/10

Total Number of ideal Work Hours: 30, we completed 22

Total Number of Days: 4

User Stories / Day: 1

Hours / Day: 2.4

Sprint 2 Burndown Chart

