

Sprint 1 Report

UCSC Parking App

Brain Swans

10/22/15

Actions to stop doing

- Having too large of a scope for our project:

One risk we had addressed at the beginning of this project is that we may not be able to obtain the hardware and funding required to make a fully functioning app. The majority of the work in this Sprint was spent planning what hardware we will use and how we will set it up, and contacting outside sources to work with us. A lot of it was looking into multiple options and routes at the same time. If we can narrow the scope of project and decide on what we will do, we can focus more of our energy on the actual app.

- Pushing to master branch:

In this Sprint, unfinished code was pushed to the master branch. From now on, if a feature is not complete, code will not be pushed to master.

Actions to start doing

- Feature branches:

To help with not pushing to master branch, we will make it so each feature will have its own branch. Currently, branches are labeled for each individual team member, but instead multiple team members can work on the same branch for a feature.

- Keep track of hours better:

Team members will now be more responsible for making sure they update their hours and adding new tasks completed. This will make it easier to track the level of contribution each team member makes each week.

- Account for outside factors:

We will try and estimate the hours each member has available to work each week account for outside factors better. Our past estimates have been a bit too optimistic, and should consider the possibility of emergencies or sick time.

Actions to keep doing

- Good communication

All team members have good attendance to the group meetings, and all communicate well with each other. In the few cases that members cannot make meetings, they have been responsible at informing the rest of the team and catching up.

- Team attitude

All team members have a good attitude about the project.

- Reliability

All team members are reliable, and keep up with the tasks they are assigned to.

Work completion

Completed stories:

- US3: As a Developer, I need to create an intuitive Android UI to efficiently display the available parking spaces to the user.
- US4: As a UI developer, I need to create documentation to make the implementation process more clear.

Incomplete stories:

- US1: As a Developer, I need to get more information about sensors so that we understand the constraints our project is under.
- US2: As a Developer, I need to set up a database to store information about available parking spaces.

Work completion rate

- 50% of user stories were completed in this Sprint
- Total est. ideal work hours completed: 38.5 hrs
- Nbr days in Sprint: 17 days
- Ideal work hrs/day : 3 hrs