Release Plan
UCSC Parking App

Team: Brain Swans
Release 1 (10/05/15 - 11/25/15)
Revision 2 (10/13/15)

High Level Goals:

- Be able to count the number of cars in a parking lot in order to accurately determine how many spaces are left.
- Be able to design a UI that will not only be functional, but that students would want to use.
- Be able to store data from the parking lot, and retrieve data from a database.

Sprint 1

- 12 story points - As a Developer, I need to get more information about sensors so that we understand the constraints our project is under.
- 26 story points - As a Developer, I need to set up a database to store information about available parking spaces.
- 33 story points - As a Developer, I need to create an intuitive Android UI to efficiently display the available parking spaces to the user.
- 3 story points - As a UI developer, I need to create documentation to make the implementation process more clear.

Sprint 2

- 16 story points - As a User, I need to retrieve information from the mobile application so I can view the available parking spots.
- 20 story points - As a Developer, I need to know which sensor or simulation of a sensor we will be using.
- 24 story points - As a User, I need the sensors to relay parking information to the database in real-time.

- 4 story points - As a Developer, I need to fetch data from the database so the Android application can be updated in real-time.
- 4 story points - As a user, I must be able to read a user manual of the UCSC Parking app.

Sprint 3

- 18 story points - As a tester, I need to be able to do software builds and run regression tests.
- 5 story points - As a UCSC Student, I need to be able to find open parking spaces through the mobile app so I can park my car and go to class.

Backlog

The stories included in the backlog are for a large scale app. Ideally, we would like to create a fully functional app that would be useful for students to find parking on campus, but it would require more time and funding for hardware.

- Look into porting app into other platforms
- Obtain sensors for all parking lots on campus
- Set up sensors that can communicate to the database without access to wifi or power