Sprint 3 Plan
UCSC Parking App

Team: Brain Swans
11/08/15 - 11/25/15

Goal:

Have a working proof-of-concept Android app that shows the number of parking spots available which is reliable and usable.

User-Stories:

1. As a developer, I need to get more information about sensors so that we understand the constraints our project is under.
    - Contact Placemeter.
    - Create overview document to provide to Placemeter.
2. As a user, I need to retrieve information from the mobile app so I can view the available parking spots.
    - Display information from server.
    - Implement Google Maps API.
    - Finalize UI.
3. As a Developer, I need get a sensor or replication of a sensor.
    - Funding.
    - Choose and buy a sensor.
4. As a user, I need the sensors to relay parking information to the database in real time.
    - Set up sensor/camera in parking lot.
    - Connect sensors to Internet.
    - Send to IP address of server

5. As a developer, I need to fetch data from the database so the app can be updated in real time.
    - Learning how to call server from Android server. Retrieving data from other app.
6. As a tester, I need to be able to do software builds and run regression tests.
    - Monkey Runner testing.
    - Exploratory testing.
    - Stress testing.
    - Work-flow testing
7. 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. (Final product)
    - Contact David about continuing the project for UCSC use.
    - Look into porting app into other platforms.
8. As a user, I must be able to read a user manual of the UCSC Parking app.
    - Documentation.

Team Roles:

- Curtis: UI developer
- Peter: UI developer
- Ramin: Database developer, SCRUM General
- Aman: Database developer, SCRUM General
- Danielle: Database developer
- Shrey: Database developer, Communications/ Admin

Initial task assignment:

- Curtis - US 2: Finalize UI, display information from server
- Peter - US 2: Finalize UI
- Ramin - US 2: Display information from server, implement Google Maps API
- Aman - US 2: Display information from server, implement Google Maps API
- Danielle - US 1: Create overview document to provide to Placemeter

- Shrey - US 1: Contact Placemeter

Scrum times:

1. Monday --- 10 AM - 10:45 AM
2. Wednesday -- 10 AM - 10:45 AM
3. **Wednesday --- 3:45 PM - 4 PM (TA visit)**
4. Friday --- 10 AM - 10:45 AM