

# Sprint 1 Plan

## UCSC Parking App

Team: Brain Swans

10/05/15 - 10/21/15

Revision 1 ( 10/12/15)

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### Goal:

To get our project started, we need to dedicate a lot of time to planning how to get sensors and servers allocated to us. Another goal will be setting up the database and UI.

### User-Stories:

1. As a Developer, I need to get more information about sensors so that we understand the constraints our project is under.
  - Meeting with TAPS to get feedback about sensors that would work on campus - 1 hr
  - Contact Placemeter to get information about acquiring a sensor - 4 hrs
  - Contact TAPS about IRIS to use information stored in metered parking lots - 3 hrs
  - Consider backup options for sensors in case other plans do not work out - 4 hrs
2. As a Developer, I need to set up a database to store information about available parking spaces.
  - Contact Project Management about servers on campus - 2 hrs
  - Contact ITS to get a server from campus - 2 hrs
  - Request VM to host server - 1 hr
  - Learn server OS, Ubuntu - 15 hrs
  - Set up server database - 6 hrs
3. As a Developer, I need to create an intuitive Android UI to efficiently display the available parking spaces to the user.

- Team meeting about UI design - 1 hr
  - Individual design UI - 2 hrs
  - Implementing UI - 30 hrs
4. As a UI developer, I need to create documentation to make the implementation process more clear.
- Create workflow diagram - 3 hrs

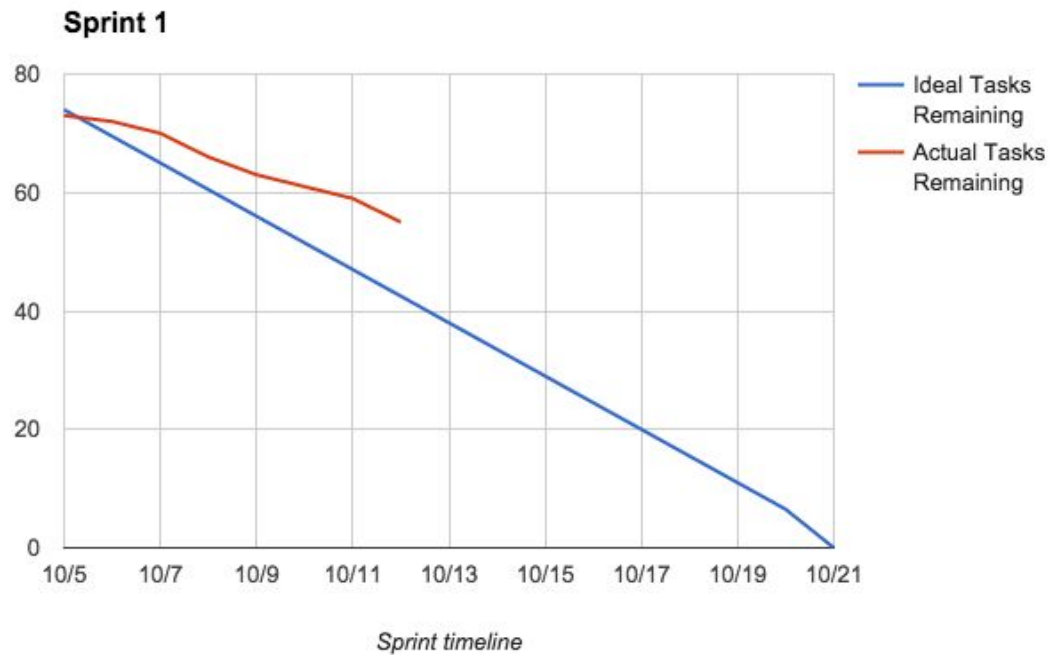
## **Team Roles:**

- Curtis: UI developer
- Peter: UI developer
- Ramin: UI developer
- Aman: Database developer
- Danielle: Database developer, Scrum Master
- Shrey: Database developer, Communications

## **Initial task assignment:**

- Curtis - US 3: Implement UI
- Peter - US 3: Implement UI
- Ramin - US 1: Consider backup options
- Aman - US 2: Learn server OS, Ubuntu
- Danielle - US 2: Learn server OS, Ubuntu
- Shrey - US 2: Learn server OS, Ubuntu

## Burnup chart:



## 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