

Sprint Plan 1

Product: SquadUp

Team: The Big Ballers

Completion date: July 9th

Revision number: 1.0

Revision date: 7/2/2018

Goal:

To build the basic features (creating accounts, web frameworks, the guest features) of the application.

Tasks for user stories:

User Story 1: As a developer, I want to set up our development environment so that we have a basic starting point.

- Task 1: setup node.js server using express.
 - **Hours estimated:** 1
- Task 2: setup mLab
 - **Hours estimated:** 1
- Task 3: setup our mongo database using mLab.
 - **Hours estimated:** 1
- Task 4: Create database schema
 - **Hours estimated:** 3
- Task 5: Link google user account with database
 - **Hours estimated:** 3
- Task 6: Research how to create REACT web application
 - **Hours estimated:** 2
- Task 7: Mockup design for frontend
 - **Hours estimated:** 3
- Task 8: Create a front end page to host log in
 - **Hours estimated:** 1

Total Time for User Story: 15

User Story 2: As a guest, I want to be able to create an account so that I can manage my profile.

- Task 1: Create a home page.
 - **Hours estimated:** 1
- Task 2: Create an account holder page.

- **Hours estimated:** 1
- Task 3: Create Park Finder page:
 - **Hours estimated:** 1
- Task 4: Create an event page/form.
 - **Hours estimated:** 1
- Task 5: Create an add park page/form
 - **Hours estimated:** 1

Total Time for User Story: 5 hours

User Story 3: As a guest, I want to search for parks in my area so that I can find a park to go to.

- Task 1: Use the google maps API to display parks.
 - **Hours estimated:** 2
- Task 2: Test search functionality of the google maps API.
 - **Hours estimated:** 1

Total Time for User Story: 3 hours

Team roles:

Zahir Yahya: Backend Developer

Sean Woods: Frontend, Backend Developer

Chuangbo Tong: Web page mockups, Frontend Developer

Shyaan Khan: Web page mockups

Collin Fulcher: Frontend Developer

Tyler Frick: Backend Developer

Initial task assignment:

Zahir Yahya:

- User story 1
- Link the user google account with DB.
- Set up the database, MongoDB
- Set up Mlab
- Create a Database Schema
- Set up node.js and express with server.

Sean Woods:

- User Story 1,2,3
- Researching how to create a REACT web application.
- Create an account holder page
- Create Park Finder page
- Create an event page/form
- Test search functionality of the google maps API.

Chuangbo Tong:

- User story 1,2,3
- Mockup design
- Create an add park page/form
- Use google maps API to search for parks
- Make an API call to google to get metrics on the parks for the hours it is busy and estimated how many people are there.

Shyaan Khan:

- User story 1
- Mock up design for the front end.
- Create a Database Schema

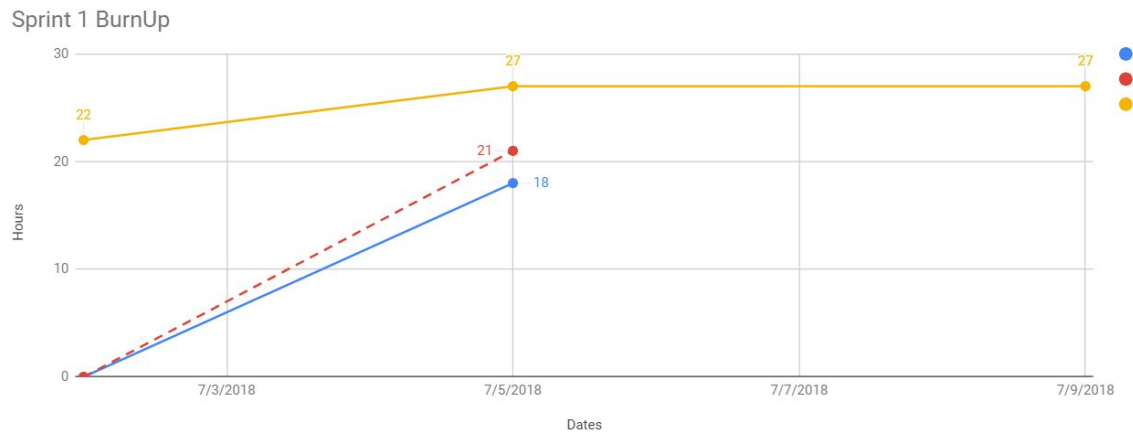
Collin Fulcher:

- User story 1, 2
- Create a homepage
- Create a front end page to host the account log in.

Tyler Frick:

- User story 2
- Set up node.js and express with server.

Initial burnup chart:



Initial scrum board:

<https://trello.com/b/5uzWWJz7/squadup-scrum-board>

Scrum times:

Monday: After TA meeting: 1:00 PM

Wednesday: After class: 12:30 PM

Thursday: After TA meeting 1:00 PM