

## Sprint 4 Plan

Product Name: Take that for Data

Team Name: Take that for Data

Revision number: 1

Revision date: 3/5/18

Goal: Final Sprint. Finish up core user stories left over from previous sprints (viewing statistics), and implement advanced statistics and searching.

### Task Listing:

- **User story 1:** As a team member, I want to view advanced statistics so that I learn more detail of the player or team. (5)
  - Retrieve basic statistics from database and use them to calculate advanced statistics (1 hour)
  - Display advanced statistics in easy to view way(1.5 hours)
  - Total for user story 1: **2.5 hours**
- **User story 2:** As a spectator, I want to be able to search other teams' statistics. (8)
  - Search through database for teams based on user input (2 hours)
  - Display results of search (1 hour)
  - Total for user story 2: **3 hours**
- **User story 3:** As a spectator, I want to be able to search other players statistics. (3)
  - Search through database for players based on user input (1 hour)
  - Display results of search (1 hour)
  - Total for user story 3: **2 hours**
- **User story 4:** As a user, I want to see the statistics to be easily distinguishable by different colors and icons so that it is easier to view the stats. (3)
  - Design symbols/icons and assign colors to certain statistics (1 hour)
  - Implement them into html/css (1 hour)
  - Total for user story 4: **2 hours**

Unfinished From Sprint 3:

- **User story 5:** As a scout, I need a way to remove the shot/miss if I incorrectly input the data.
  - Make a function with the trash icon - when clicked, the user have the ability to delete the shots by clicking on them. (2 hour)
  - The shot disappears from the shot chart and from the firebase database (.5 hour)
- Total for user story 5: **2.5 hours**
  
- **User story 6:** As a team member, I want to be able to view my team's statistics.
  - Create page that reads from database and shows a team's statistics (1 hour)
  - Display the shot chart with the data - d3.js( 2 hours)
- Total for user story 6: **3 hours**
  
- **User story 7:** As a team member, I want to view team shot charts.
  - Retrieve all coordinates from players on a team, and collectively display on one shot chart (2 hours)
- Total for user story 7: **2 hours**
  
- **User story 8:** As a team member, I want to view individual player's shot charts.
  - Retrieve individual players shot coordinates and display on a shot chart (2 hours)
- Total for user story 8: **2 hours**

## Team Roles

Evan Louie: Developer

Gugsa Gemed: Developer

Kristine Nguyen: Developer

Michael Yang: Developer, Scrum master

Samuel Gabbard: Product owner

## Initial Task Assignment

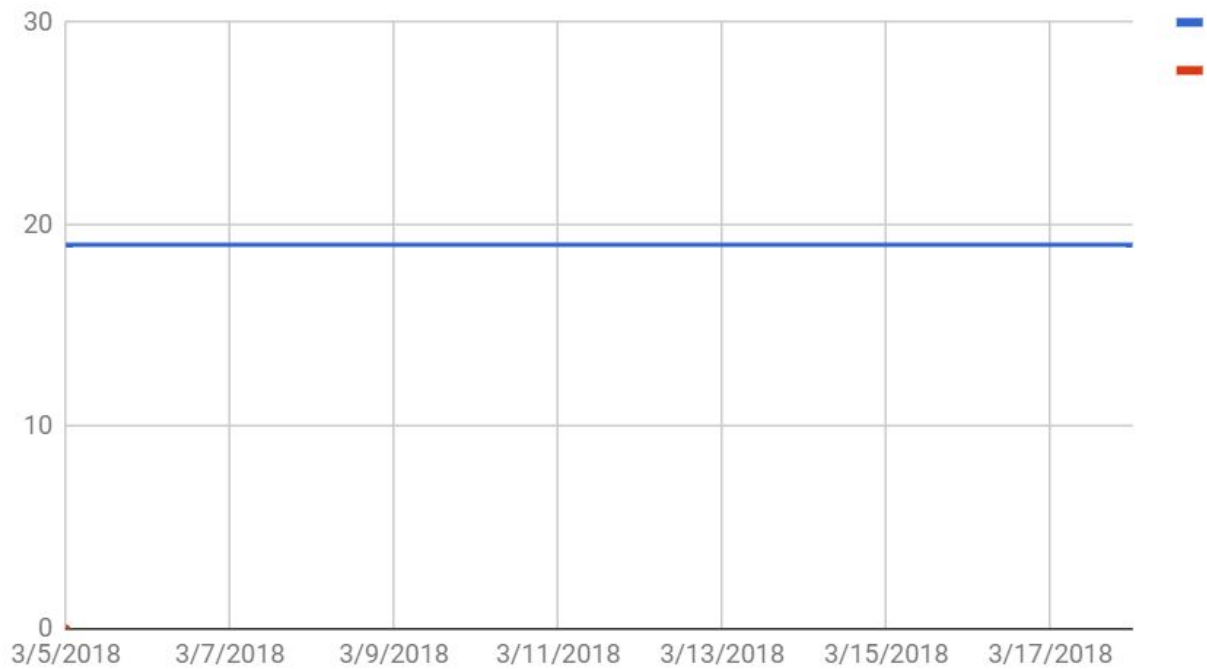
Evan Louie: User Story 6, Task 1

Gugsa Gemed: User Story 4, Task 1

Kristine Nguyen: User Story 2, Task 1  
Michael Yang: User Story 5, Task 1  
Samuel Gabbard: User Story 7, Task 1

Initial Burnup Chart:

### Sprint 4 Burn-Up Chart



## Initial Scrum Board:

**Sprint 4** ☆ | Take that for Data **Free** | Team Visible

User Stories	Tasks Not Started	Tasks In Progress	Tasks Completed
<div>As a team member, I want to view advanced statistics so that I learn more detail of the player or team.</div> <div>As a spectator, I want to be able to search other teams' statistics.</div> <div>As a spectator, I want to be able to search other players statistics.</div> <div>As a user, I want to see the statistics to be easily distinguishable by different colors and icons so that it is easier to view the stats.</div> <div>As a scout, I need a way to remove the shot/miss if I incorrectly input the data.</div> <div>As a team member, I want to be able to view my team's statistics.</div> <div>As a team member, I want to view team shot charts.</div> <div>As a team member, I want to view individual player's shot charts.</div> <div>Add a card...</div>	<div>Retrieve basic statistics from database and use them to calculate advanced statistics</div> <div>Display advanced statistics in easy to view way</div> <div>Search through database for teams based on user input</div> <div>Display results of search</div> <div>Search through database for players based on user input</div> <div>Display results of search</div> <div>Design symbols/icons and assign colors to certain statistics</div> <div>Implement them into html/css</div> <div>Make a function with the trash icon - when clicked, the user have the ability to delete the shots by clicking on them.</div> <div>The shot disappears from the shot chart and from the firebase database</div> <div>Add a card...</div>	<div>Add a card...</div>	<div>Add a card...</div>

## Scrum Time

Monday - 10am

Wednesday, Friday 9:10AM - 9:25AM