

Take that for Data! Release Plan

Latest Revision: 3/15/18

High Level Goals:

- Scouts record the stats of their own team real-time using an interactive shot chart and Advanced stats are automatically calculated
- Stats are logged in a persistent database
- Teams are able to view stats and the shot charts of their own team, as well as for other teams in the database
- Scouts are able to upload game clips
- Visualization of the court with real time stats of the team and individual players

Sprint 1:

- As a developer, I want to be comfortable with Git and github so that I can keep my team up to date with my progress. (2 story points)
- As a developer, I want to be comfortable with Firebase so that I can use it for user authentication and storing statistics in the database. (3)
- As a developer, I want to be comfortable with node.js, d3.js, JavaScript, JQuery, and HTML/CSS so I can be skilled for later development. (8)
- box score
- As a developer, I want to be familiar with the different basketball statistics that will be tracked. (2)
- As a scout, I want to be able to log the player's stats so I can track the stats for future use. (5)

Sprint 2:

- As a scout or a team member, I want to be able to create an account so I can add, edit, or remove the team's stats. (5)
- As a scout, I need a way to log where the player shoot on the court so I can collect data where the area they frequently shoot. (8)

Sprint 3:

- As a scout, I need a way to log if the player score or miss the shot, so that I can get collect data to calculate their success rate. (8)
- As a scout, I need a way to remove the shot/miss if I incorrectly input the data.
- As a scout, I want to be able to use a shot chart to log statistics in real time. (8)
- As a team member, I want to be able to view my team's statistics. (3)
- As a team member, I want to view team shot charts. (8)
- As a team member, I want to view individual player's shot charts. (8)
- As a user, I want to be able to use an interactive box score. (5)

Sprint 4:

- As a team member, I want to view advanced statistics so that I learn more detail of the player or team. (5)
- 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)
- As a spectator, I want to be able to search other teams' statistics. (8)
- As a spectator, I want to be able to search other players statistics. (3)