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# Release Plan

NBAStat v0.0.1

**Release Date:** *Winter 2020*

**Revision #1**

**Revision Date:** *11/03/19*

## High Level Goals:

The top-level goal for this project is to provide a Web Page capable of pulling NBA statistics for teams or players, and displaying them in a clean way. This includes anything from simple stat entries and player information, to visualization of said data.

- Homepage contains a search bar which does a lookup of the specified query.
  - Upon searching, provides a dropdown with either the correct result, suggestions, or no result feedback.
- Various Page designs for Players/Teams as well as potentially other demographics.
  - Player Pages contain player information such as their current team, age, last game stats.
  - Team Pages provide roster information, regular season win/loss records and team news.

## Sprint #1 User Stories

**Story #1** - As a beginning developer, I want a backend set up so that I can host the website.

Priority: High

**Story #2** - As a beginning front end developer, I want to understand basic HTML/CSS so that we can implement an easy to use website.

Priority: High

**Story #3** - As a beginning graphic designer, I want to create a website logo so that we have an identifiable avatar.

Priority: Medium

**Story #4** - As a beginning graphic designer, I want to create a color palette to use for our pages.

Priority: Medium

## Sprint #2 User Stories

**Story #1** - As a developer, I want to set up the foundation for each of the pages to hold the relevant data and functionality.

Priority: High

**Story #2** - As a backend developer, I want to create the query subsystem to be able to redirect the search to the result.

Priority: Medium

**Story #3** - As a frontend developer, I want to start applying some of our designs in HTML/CSS so that our website begins to look visually pleasing.

Priority: Low

**Story #4** - As a developer, I want to begin organizing the data by relevance, to ease the transition to displaying it.

Priority: Medium

## Sprint #3 User Stories

**Story #1** - As a front end developer, I would like to start listing the obtained data on the corresponding webpages.

Priority: High

**Story #2** - As a back end developer, I would like to begin implementing the data visualization aspect of each corresponding webpage.

Priority: High

**Story #3** - As a user, I would like for the pages to match each-other in theme and general design.

Priority: Medium

## Sprint #4 User Stories

**Story #1** - As a developer, I would like to verify the stability of the website through rigorous testing.

Priority: Medium

**Story #2** - As a user, I would like for the data visualization to match the general theme of the website.

Priority: High

**Story #3** - As a front end developer, I would like to implement stretch goals such as looking up coaching statistics or comparing player data.

Priority: Low

## Product Backlog

### Listing of Potential Future Features:

- Expansion to other sports
- Coach statistics
- Import/Export Data
- Live Scoreboard