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**Software Requirements**

**Specification**

**for**

**NBA Sorter**

Version 1.1 approved

Prepared by

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1. **Introduction**
   1. **1.1 Purpose:** 
      1. This program allows you to to look at all the starting players in the NBA currently and displays their team and average stats. The intent is for a user to create an account because this allows them to see playoffs ranking and recent scores, as well as create/add their own player.
   2. **1.2 Intended Reader:** 
      1. This document is intended for users on how to go about using the website

**2. Home Page**

**1.1** **Sign up:**

i. If you click the ‘Sign up’ button in the upper right of the homepage you are taken to a new page where you are able to create an account. The sign up page asks you to enter a valid email, a username that is not already taken by a user, and a password that you are then asked to repeat to verify your password. After filling all these out if you want to go forward and create the account you can hit the ‘submit’ button.

**1.2 Login:**

i. If you click the ‘Login’ button in the upper right of the homepage you are taken to a new page where you are able to login in to the account that you have previously created. To login to your account it asks for your user name and password that match what you used when you signed up.

**1.3 Players:**

i. At the top left middle of the page there is a button titled ‘Player List’ that, if clicked, takes you to that database of all they players and their stats. Once there you are able to scroll through and look at each player or enter the name of a specific player in the search bar at the top, that player and their stats are then returned. You can also click on any column title and it will sort it from alphabetically A-Z or Z-A, as well as rank the stats from high-low and low-high

**1.4 Highlight:**

i. Under the website title there is a highlight video that can be played and will show the top highlights, if the “Highlights” button at the top left of the page is clicked you are also taken automatically to this section.

**1.5 News:**

i.If you scroll down past the highlight video under there is a latest news section that is regularly updated that briefly describes the biggest things going on in the NBA with a clickable picture under each description that allows you you go to an external site with more information, if the “Latest News” button at the top left of the page is clicked you are also taken automatically to this section.

**1.7 Bottom players:**

i. At the far bottom of the page under the clickable pictures there are three players that enlarge when scrolled over.

**3. Logged in webpage**

**3.1 Players**: At the top of the page next to there is a button titled ‘Player List’ that, if clicked, takes you to that database of all they players and their stats. Once there you are able to scroll through and look at each player or enter the name of a specific player in the search bar at the top, that player and their stats are then returned. You can also click on any column title and it will sort it from alphabetically A-Z or Z-A by first name, as well as rank the stats from high-low and low-high

**3.2 Create a Player**: This takes a user to a form page where they must fill out name, team, position, height, average points, average assists, average rebounds, average steals, and average blocks and once finished filling out all fields, hit submit

**3.3 Log out:** If you click this button, it sends you back to the basic homepage and logs you out so that you no longer can see the features from the logged in webpage.

**3.4 Playoffs:** This is the first section of the homepage. It shows the current bracket standing of the NBA playoffs and shows the current progress of the best to 7 series that are played.

**3.5 Scores:** This is found directly under the playoff bracket or by clicking onto scoreboard and it shows the final scores of the latest games and also shows the top performers and a brief summary of their statistics from the game.

**3.6 Highlight Video:** This shows a video of highlights of things like nice plays that have happened recently in the NBA

**3.7 Latest News:** This section which can also be clicked on at the top, shows brief articles about something that is currently going on in the NBA and if you click on a picture of the player pictured, you are taken to an external site containing a full article.

**3.8 Bottom of Page pictures:** If you scroll all the way to the bottom of the page, there are 3 pictures of current NBA players and if you hover over the pictures, the picture gets enlarged