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**Software Requirements**

**Specification**

**for**

**NBA Sorter**

Version 1.1 approved

Prepared by

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1. **Introduction**

**1.1 Purpose:**

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.

**1.2 Intended Reader:**

This document is intended for developers or anyone who wants to know about how the different functions actually work on the backend.

**2. Homepage**

**2.1 Sign up:** Uses a MySQL database to store usernames and passwords. PHP is used to add usernames and passwords to the SQL table. Usernames are checked to make sure that they are not taken and the password are checked with each other since you must verify the password you entered.

**2.2 Login:** User types in their username and password to log in to their account. If the user inputted username and password are found in the table, the user is taken to the logged in version of the webpage. PHP is used to search the MYSQL database of users.

**2.3 Players**: Uses an html table which imports the data from an excel sheet and uses javascript to sort and search the html table.

**2.4 Highlight Video:** Embedded video using the HTML iframe. Is regularly updated.

**2.5 Latest News:** Uses HTML list to give the user the latest information about the NBA. Has embedded links using HTML href.

**2.6 Bottom of Page pictures:** These use css to have the picture zoomed in when the user hovers over the pictures.

**3. Logged in webpage**

**3.1 Players**: Uses an html table which imports the data from an excel sheet and uses javascript to sort and search the html table

**3.2 Create a Player**: This uses a form to take in user input and then the form is connected using php and sends an email to the admins with the information from the form for them to decide whether or not to add the player.

**3.3 Log out:** Sends you back to the basic homepage and logs you out.

**3.4 Playoffs:** This is updated each week with current playoff standing using html and css

**3.5 Scores:** This is updated each week with the two biggest games of the week using html and css.

**3.6 Highlight Video:** Embedded video using the HTML iframe. Is regularly updated.

**3.7 Latest News:** Uses Html and css to provide news and links for users to dive deeper into the latest news.

**3.8 Bottom of Page pictures:** These use css to have the picture zoomed in when the user hovers over the pictures