# Software Requirements Specification

# for

# Spokane Club Basketball Statistics

Version 1.0 approved

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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# Introduction

## Purpose

This SRS will provide the necessary requirements needed to comprehensively understand the Spokane Club basketball league statistics. It is intended for software developers and project client interaction.

## Project Scope

This website will maintain league statistics as well as provide an interface for viewing. It will allow viewing statistics from league leaders, to individual players and administration maintenance.

## References

[http://stats.nba.com](http://stats.nba.com/)

<http://espn.go.com/nba/statistics>

<http://pointstreak.com/basketball>

# Overall Description

## Product Perspective

Upgrading the current system the Spokane Club uses to facilitate the basketball league stats.

## Product Features

Public viewing

* + Season team/individual leaders
  + Team based leaders
  + Team records
  + Individual stats

Administration

* + Add/remove/update players and teams

## User Classes and Characteristics

To be added in further revisions

## Operating Environment

HTML5, Cascade Styling Sheets, JQuery, Bootstrap, PHP, SQLite

## Design and Implementation Constraints

Spokane Club web hosting server availability

## User Documentation

To be added in further revisions

## Assumptions and Dependencies

This SRS assumes the web server is running and the user has access to the website

# System Features

## Administration database querying

3.1.1 Database record upkeep

3.1.2 Stimulus/Response Sequences

Login using administration credentials

Identify the desired record

Input data changes

3.1.3 Functional Requirements

REQ-1: Administrator credentials

## Public viewing

3.1.1 Viewing database records

3.1.2 Stimulus/Response Sequence

3.1.3 Functional Requirements

# External Interface Requirements

## User Interfaces

The user interface will be a public website that will display all the necessary statistical information, as well as the all the necessary links for site navigation.

## Hardware Interfaces

The site will be supported on any device that has network connectivity. Bootstap will be implemented to automatically resize the site accordingly when viewed on different sized screens.

## Software Interfaces

The website statistics will be stored in a database that will reside on the website server. Any of the statistic links or sorting functionality will query the database in order to display the appropriate stats.

## Communications Interfaces

The website will be hosted from a server provided by the Spokane Club. Outside access to the site will be available from any active network connection and any web browser.

# Analysis Models

## State Diagram

## Sequence Diagram

## Use Cases

# Other Requirements

To be added in further revisions

Appendix A: Glossary

To be added in further revisions

Appendix B: Analysis Models

To be added in further revisions

Appendix C: Issues List

To be added in further revisions