Weeroona Stats

# Scope

Weeroona Bay Football Club (WBFC) have a database of player and game statistics offline stored using Microsoft Access. The aim of this project is to convert the offline database into an online web application where only people approved by WBFC can access the data. The approved people will have login accounts where they can interact with the database by adding, deleting, and viewing data.

# Requirements

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| --- | --- | --- |
| Non-Functional Requirement | Description | Priority |
| Security | Only users with access to an Account will have access to the data | Highest |
| Hardware | The application must be accessible over the internet from any mobile or desktop device | High |
| Accuracy | The data being displayed must be correct and align with what is stored in the database. | High |

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| --- | --- | --- |
| Functional Requirement | Description | Priority |
| Add | An authenticated user should have the functionality available to add players and games. | Highest |
| View | An authenticated user should have the functionality available to view players and games. | Highest |
| Delete | An authenticated user should have the functionality available to delete players and games. | Highest |
| Login | A user should have the ability to login to authenticate their access to the data. | Highest |
| Search | A user should have the functionality to search through the database to find an object given a name. | High |

# User Stories

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| --- | --- |
| Title | User Story |
| Add User | As a user,  I would like to have functionality to enter a new player or game into the system,  So that I can update the database when a new game is played. |
| View User | As a user,  I would like to have access to all the different databases,  So that I can view the data stored within them. |
| Delete User | As a user,  I would like to have functionality to remove an existing player or game from the system,  So that I can delete incorrect data from the system. |
| Login | As a user,  I would like to have the ability to login,  So that I can be authenticated to add, view, and delete data. |
| Search | As a user,  I would like to search through the data,  So that I can access information about a particular game or player. |
| Profile page | As a user,  I would like to view a profile page for a game, player, or season,  So that I can view the data regarding that game, player, or season. |

# Use Case Scenarios