

CSE 385 Project Documentation - Dylan Stoia

Dataset Source:

<https://www.kaggle.com/davidcariboo/player-scores/data?select=players.csv>

External Libraries Used:

Java Swing Library

Java MySQL connector

Instructions:

1. Install the csv file from the data source above, “players.csv”
2. Go into the terminal and allow access to remote files.
3. Open SQL and run the file “FootballPlayersTable.sql” to create the tables
4. Open Java and add the library path “mysql-connector-j-8.4.0.jar”
5. Change the username and password in the program to fit your settings.
6. Run the Java file “FootballDash.java” to run the program.

Usage Instructions:

1. Search any football player by First and Last name. For example, “Harry Kane”.
2. You are now able to view this player’s first name, last name, club, sub position, market value, and the club’s average market value.
3. You can compare the market value of this player to the average market value of all players on this team.
4. After doing this, you can add your own player to the database.
5. You specify a player’s player id, first name, last name, club name, sub position, and market value.
6. This player is now able to be viewed.

Additional Comments:

1. When the user is inputting a new player, the player id must be different from any of the player ids that are already in the database. The user will be prompted if the player id is already held by another player.