

Assignment 2

A Team

API use cases

- Administrators can create new players, update player information or delete players.
- A public user can create a new player by giving them a name and values for their characteristics. The application will return the players predicted overall rating on a scale of 1 to 100 and add them to the database.
- A public user can obtain a visualisation of the distribution of player ratings with a marker where their new player would lie in relation to other players.
- A user can search for players in the database to see that players rating across multiple attributes.
- Can return the roster of a national team, taking a country name as input.
- A user can get the tags of any player in the database. These are characteristics which some players satisfy if they excel in certain areas. E.g. A player may have the 'playmaker' or 'striker' tag, or they may have both.