**Assumptions**

**Club**

* Club’s Squad is modeled as a relationship between the club and its players.
* Club’s History of Matches is modeled as a relationship between the club and its played matches.

**Player**

* Player’s Home Team is modeled as a relationship between the player and the club he plays in specific season.
* Players on loan not included, Players play for only one team.

**Stadium**

* Every stadium has a unique name.
* The same stadium can belongs to many clubs.

**Match**

* The relationship between the match and the club are modeled with the match properties and performance.

**Fan**

* Every fan have only one favorite team.
* The favorite team is modeled as a relationship between the Fan and the Club entities.

**ERD Diagram**

**Diagram

Description automatically generated**

**Relational Model**

* Club (**Name**, HomeStadium, Website)
* PlaysIn (***PlayerFName***, ***PlayerLName***, ***ClubName***, Season)
* Player (**FName**, **LName**, DoB, Position, Height, Weight, Nationality, ***HomeTeam***)
* Stadium (**Name**, Attendance, Capacity, PitchSize, BuildingDate, Street, District, City, ***ClubName***)
* Match (AwayTeamScore, HomeTeamScore, **Date**, Season, ***StadiumName***, ***HomeTeam***, ***AwayTeam***)
* Fan (**Username**, Email, Gender, DoB, ***ClubName***)
* gets (***ClubName***, Possession%, Ycards, Rcards, Goals, Shots, Fouls, ***MatchDate***)
* givesReviews (Rating, Text, ***Date***, ***Username***)

**SQL Statement**

* Attached with the submission DB Project.sql file