

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

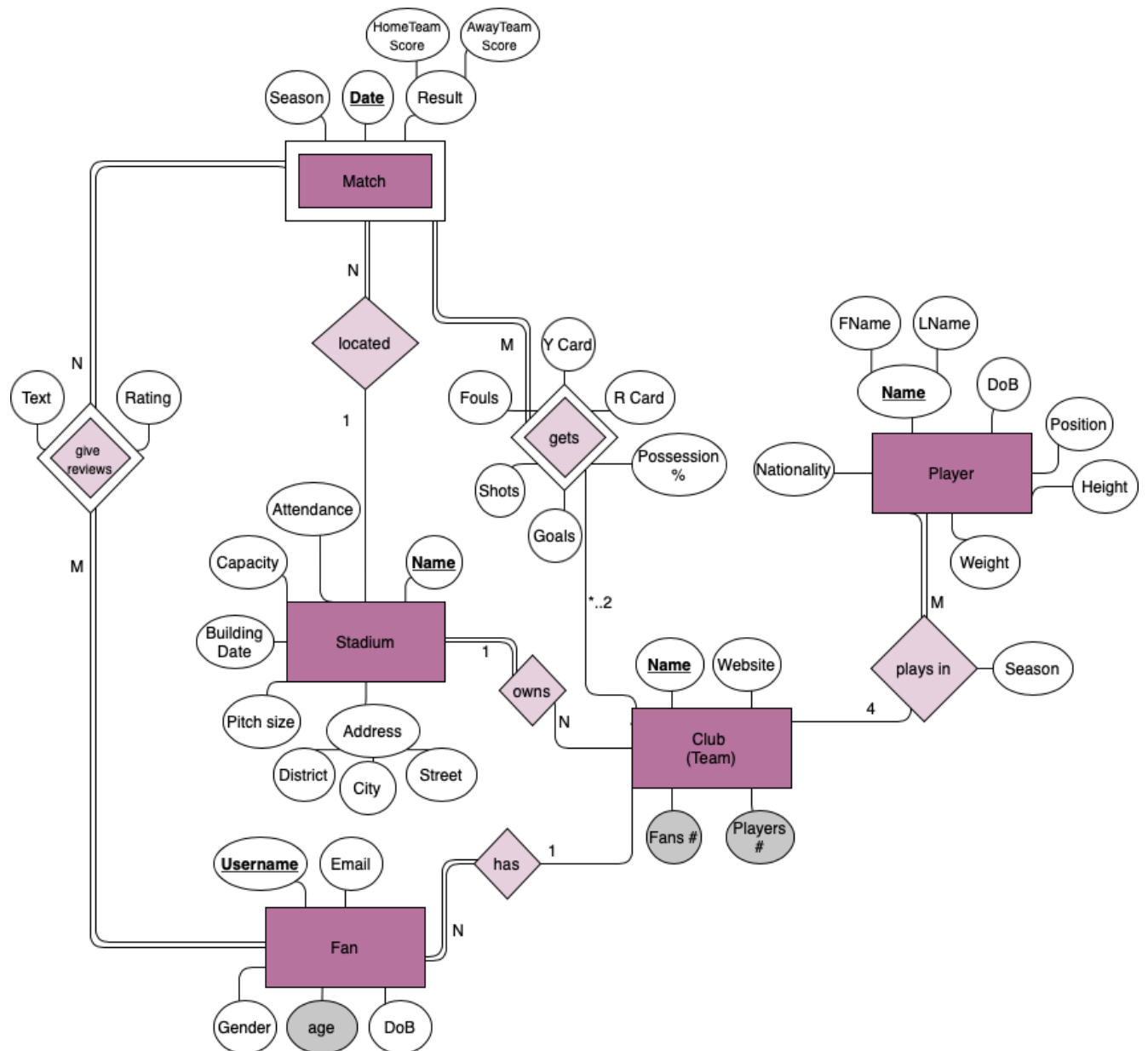
- The relationship between the match and the club are modeled with the match properties and performance.

Fan

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

DATABASE PROJECT MILESTONE (1)

ERD Diagram



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