

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.

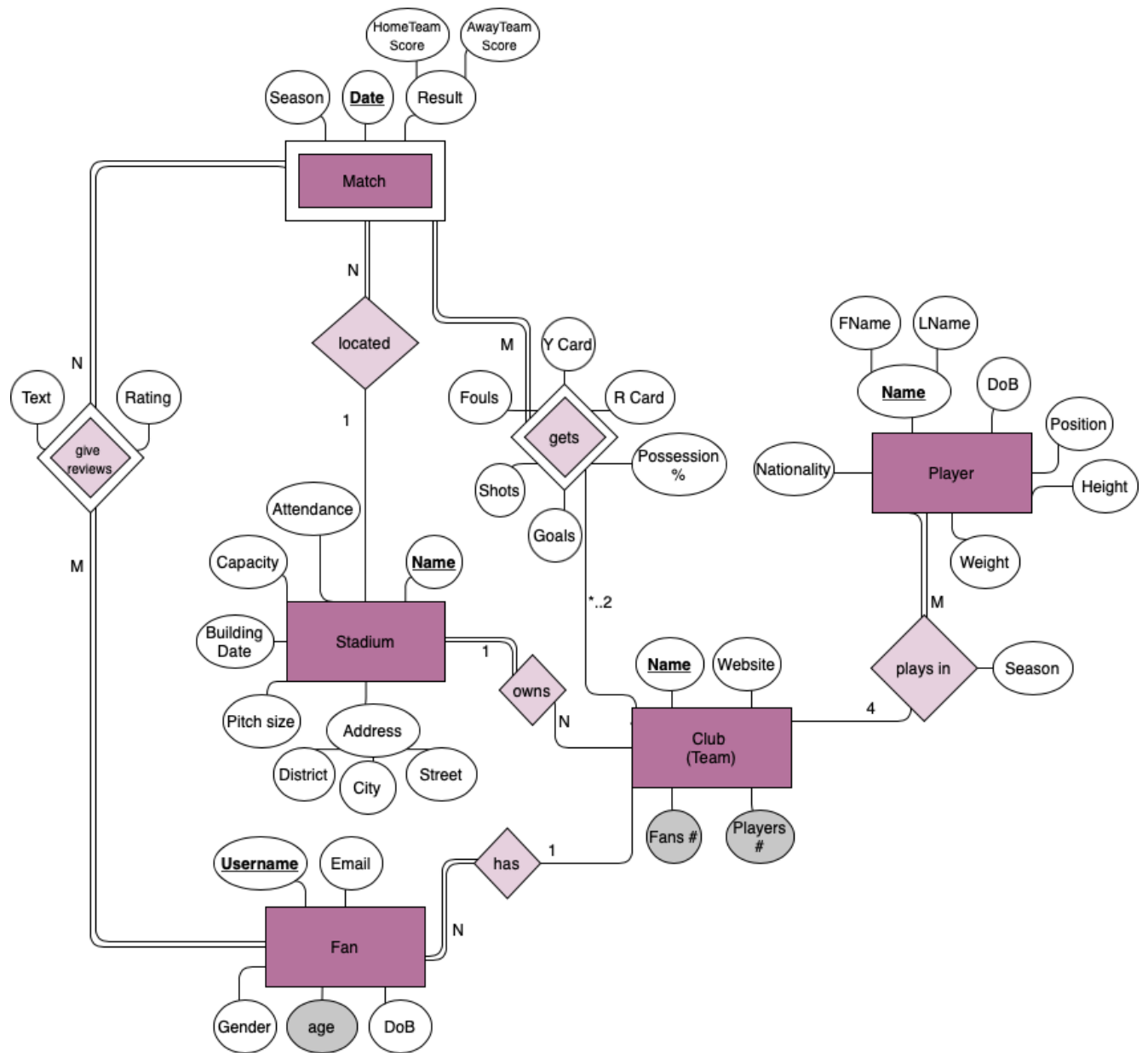
Match

- 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



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, *HomeTeam*, *AwayTeam*, *MatchDate*)
- givesReviews (Rating, Text, *Date*, *HomeTeam*, *AwayTeam*, Username)