My database is for the setup and management of a football league/cup system for a season of fixtures. The database will store the competitions that may be entered for the season, including the possible leagues, cups, and the teams that take part in each league (one league per team) and cup, as well as each clubs registered players and the referees that the competitions will employ. It also contains details of each fixture and its result for the season.

<https://app.quickdatabasediagrams.com> Copy/Paste for ERD:

Graphical user interface, application

Description automatically generated

Competition

-

id PK int

Name string(50)

Sponsor string(50)

NumberOfTeams int

Club

-

id PK int

Name string(50)

LeagueId int FK >- Competition.id

MatchesPlayed int

MatchesWon int

MatchesLost int

MatchesDrawn int

GoalsFor int

GoalsAgainst int

Points int

Referee

-

id PK int

FirstName string(25)

LastName string(25)

Salary float

Player

-

id PK int

FirstName string(25)

LastName string(25)

ClubId int FK >- Club.id

Salary float

Goals int

Assists int

YellowCards int

RedCards int

IsSuspended boolean

CompetitionReferee

-

CompetitionId int PK FK >- Competition.id

RefereeId int PK FK >- Referee.id

Fixture

-

id PK int

CompetitionId int FK >- Competition.id

HomeTeamId int FK >- Club.id

AwayTeamId int FK >- Club.id

FixtureDateTime datetime

HomeGoals int

AwayGoals int

RefereeId int FK >- Referee.id

Description string(50)

CupClub

-

CompetitionId int PK FK >- Competition.id

ClubId int PK FK >- Club.id

IsKnockedOut boolean