

FINAL PROJECT PURPOSE TEAM 15

English Premier League Database Management System

Background

English Premier League (EPL) is one of the prominent football leagues. This league has 20 teams which compete every season to get on top of the table to clinch the title. Each team plays almost 38 matches, with most of them being played on Weekends. This is the most watched sports league in the world which is broadcasted to more than 4.7 billion people.

Considering its vastness, we can imagine how important the data can be for the management, organizing committee and team statistics. Data is required on all the aspects starting from planning to organizing of league till its completion. Data is crucial at each step for making even a small decision to big decisions like choosing a player and forming a team.

Database management is required by team owners to form the team considering the player performance statistics. It's also required by coaches to choose the players for playing 11 and benched players. Data of team performance and top players are required by sponsors so that they can have a clear picture of which team they are going to sponsor. It's also important to keep a record of team's past performance to predict their performance in future matches and to make a clear decision on who's performance was better in their category. To record top performing teams is important and to record ongoing performance of the players. It is used to keep the record of all the matches played in the league at venues. It is important keep record of players who scored the most goals, who was the best assist player and which goalkeeper saved most of the goals.

Mission Statement/Objectives

- Centralized database that will have data of all the teams, players, coaches, matches, sponsors, team owners which will be accessible to every major entity who are related to the league.
- To design a system for team owners to choose players for their team and sponsors to select a team they want to associate with.
- Easily view the record of matches played and check the performance of each team and team player in the league.
- We are also including attribute called Fair Play award which is supposed to be given to a team whose players play fair and maintain a good sportsmanship getting the least number of fouls and cards.
- The database will be accessible to authorized personals to keep the data safe and to make it easy for users to rely on authenticity of the data