



# UEFA CHAMPIONS LEAGUE STATISTICS

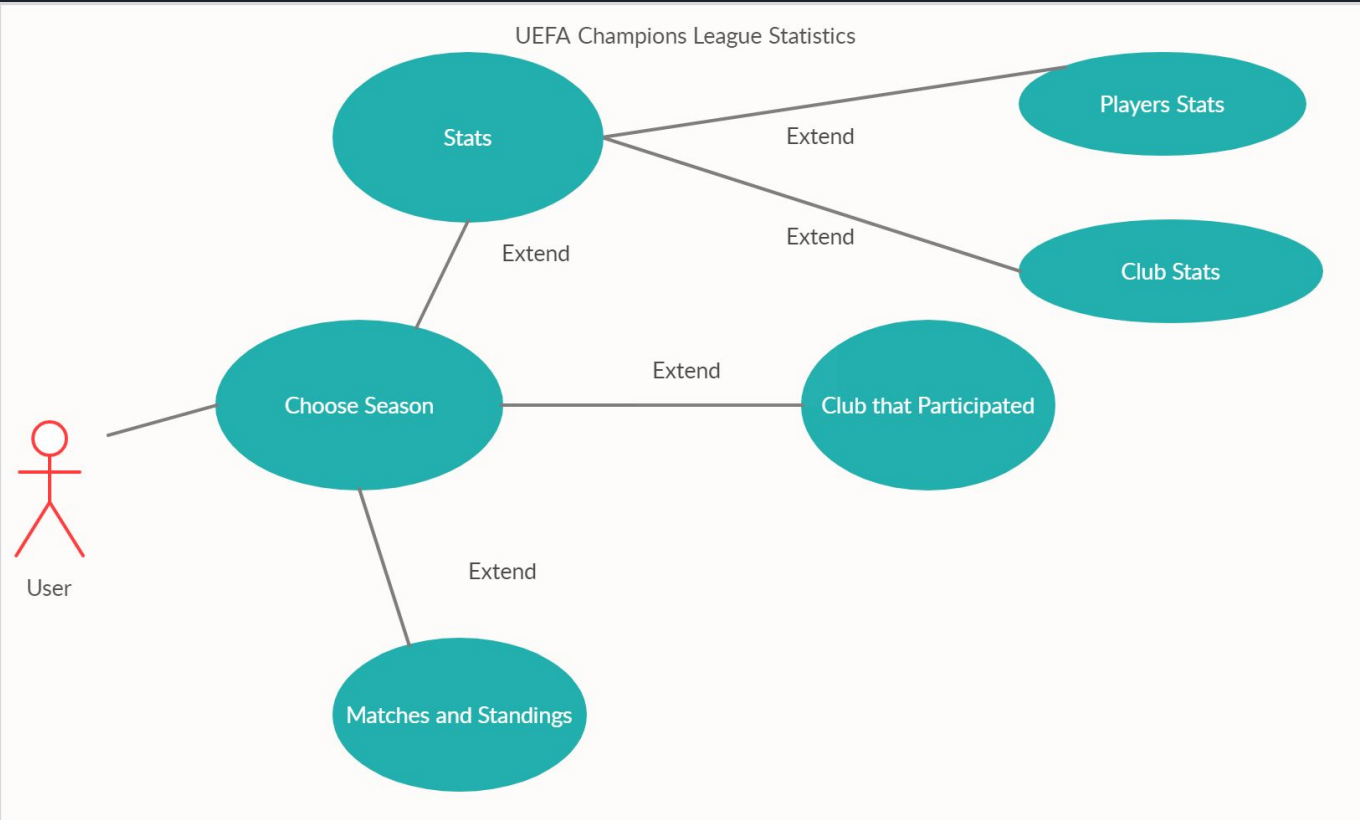
Rogelio Aguilar  
Erick Uriostegui



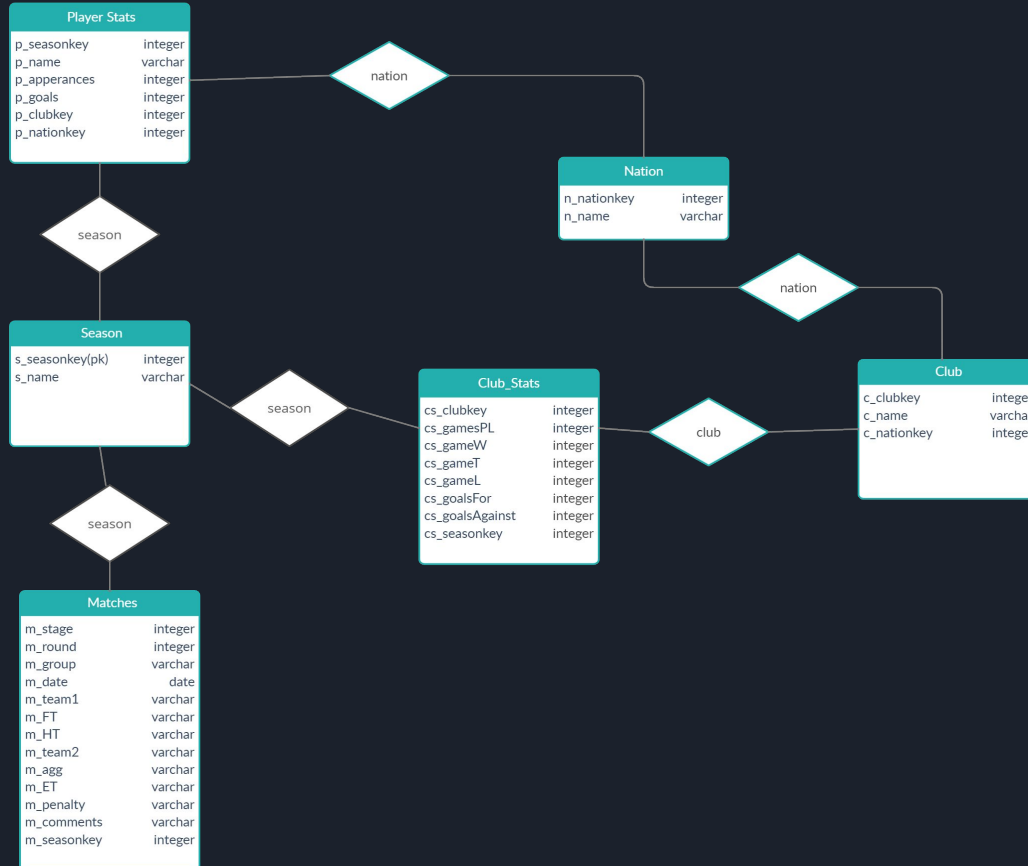
# SYSTEM DESCRIPTION

- Our project is a website where the user can view Uefa Champions League Statistics from 2010-2016.
- Users can select the season they want to view the statistics for.
- From the selected season they will be able to look at the matches and their results.
  - Standings from the whole competition
  - Clubs that participated in the competition
  - Top players that were part of the clubs in the competition
  - This includes Clubs stats and Player Stats

# USE-CASE DIAGRAM



# E/R DIAGRAM AND SCHEMA





# SCHEMA

```
CREATE TABLE seasons (  
    s_seasonkey INT PRIMARY KEY,  
    s_name VARCHAR(25) not null  
);
```

```
CREATE TABLE matches (  
    m_stage VARCHAR(25),  
    m_round VARCHAR(40),  
    m_group CHAR(5),  
    m_date VARCHAR(50),  
    m_team1 VARCHAR (50),  
    m_FT VARCHAR (10),  
    m_HT VARCHAR (10),  
    m_team2 VARCHAR (50),  
    m_agg VARCHAR (20),  
    m_ET VARCHAR (20),  
    m_penalties VARCHAR (20),  
    m_comments VARCHAR (30),  
    m_seasonkey INT  
);
```

```
CREATE TABLE club (  
    c_clubkey INT NOT NULL,  
    c_name VARCHAR(50) NOT NULL,  
    c_nationkey INT NOT NULL  
);
```

```
CREATE TABLE clubStats (  
    cs_clubkey INT NOT NULL,  
    cs_name VARCHAR(50),  
    cs_gamesPL INT NOT NULL,  
    cs_gameW INT NOT NULL,  
    cs_gameT INT NOT NULL,  
    cs_gameL INT NOT NULL,  
    cs_goalsFor INT NOT NULL,  
    cs_goalsAgainst INT NOT NULL,  
    cs_seasonkey INT NOT NULL  
);
```

```
CREATE TABLE playerStats (  
    p_seasonkey INT,  
    p_name VARCHAR(20),  
    p_apperances INT,  
    p_goals INT,  
    p_clubkey INT,  
    p_nationkey INT  
);
```

```
CREATE TABLE nation (  
    n_nationkey INT NOT NULL,  
    n_name INT NOT NULL  
);
```



# IMPLEMENTATION DETAILS

- We used MySQL and JavaScript
- We will link the JavaScript with MySQL
  - We have to be able to link both or else our queries will fail
- We used html to create the front end of our website