Football Database Project

Report To: Dr. Omar Shalsh & Eng. Salma Mohamed

Report By: Abdulrahman Saeed (211003941)

Database System Design (DS211)

Date: 2022-31-12

Contents

Brief idea……..….2

ERD…….3

Relation schema diagram...4

Assumptions……..…5

Table creation queries…….7

Relations table…….11

Table before insertion…….17

Insertion queries……....20

Table after insertion...……30

1- Brief idea

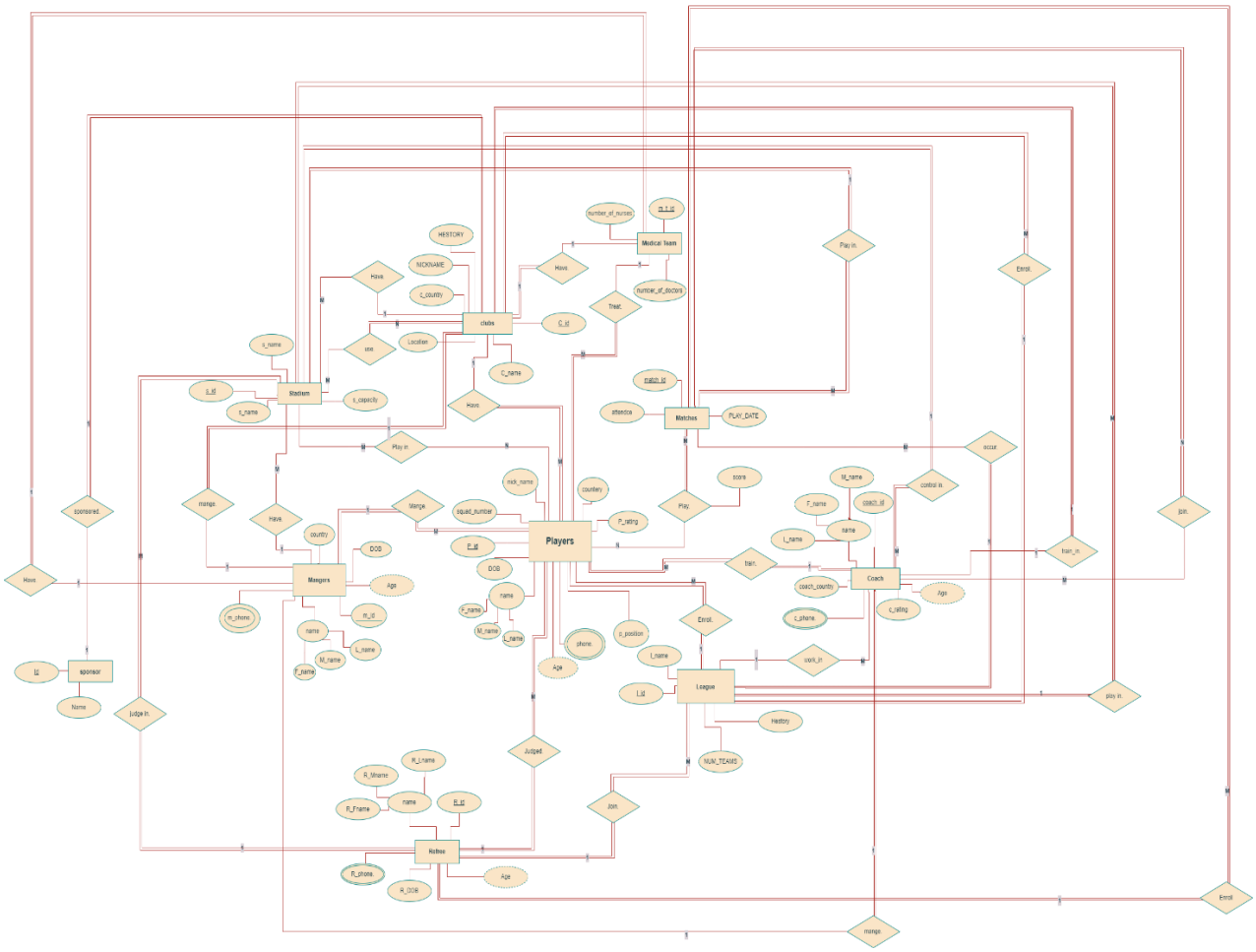
The main idea of the project is to create database of a football.

The project is built in such way that clubs have players, and players

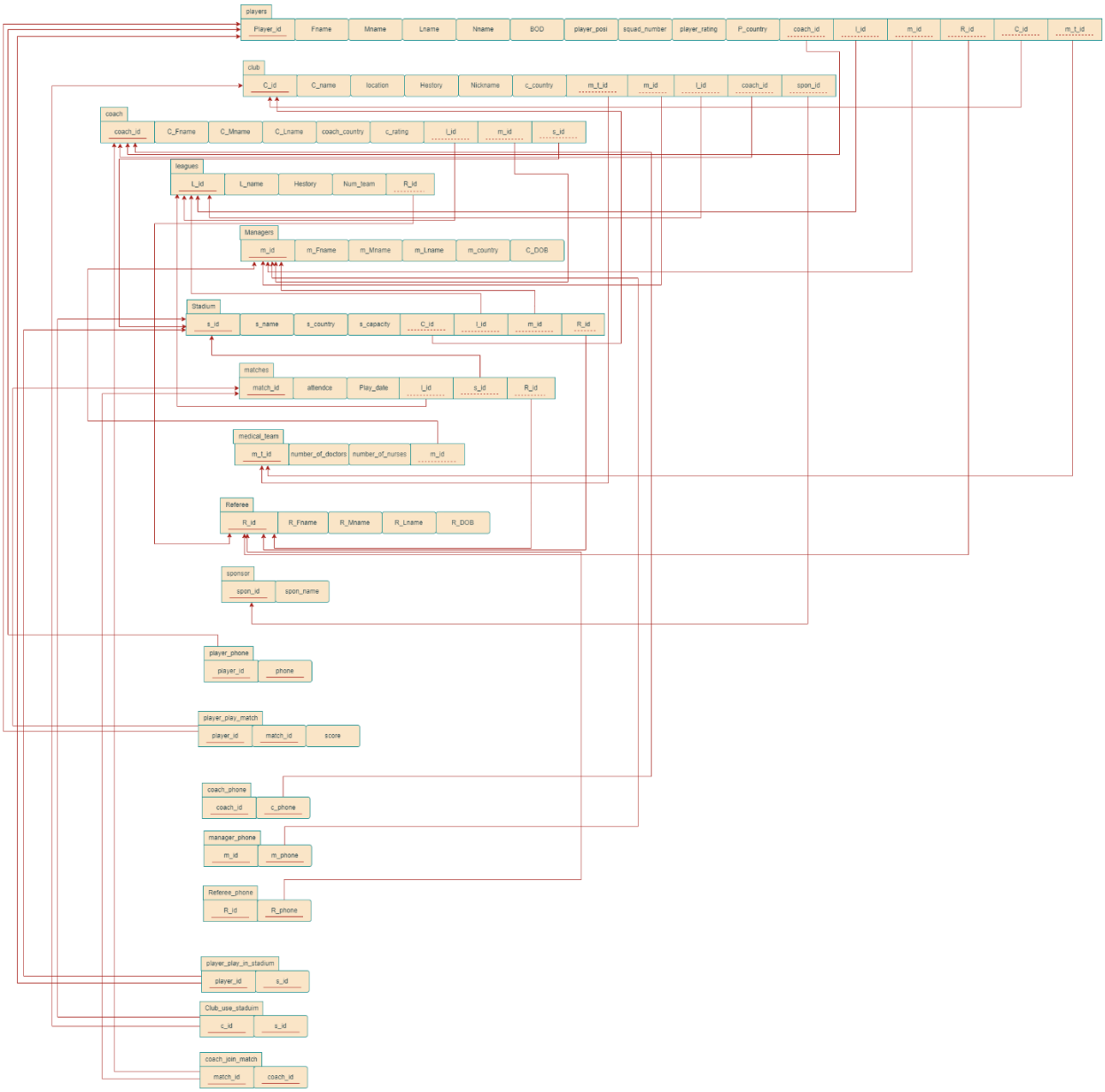
Play in the match, and league enroll players, and coach train players, and managers

manage coaches, players and club, and players play in stadium.

2- ERD


Medical team
number_of_nurses
m_id
number_of_doctors
Treat.
Have
HISTORY
NICKNAME
c_country
clubs
C_id
C_name
Location
use
s_name
Stadium
s_id
s_capacity
s_name
Have
Play in.
Matches
match_id
attendce
PLAY_DATE
Play in.
Enrol.
occur
control in
join.
train_in
Players
nick_name
country
squad_number
P_id
DOB
name
P_rating
Play.
score
M_name
F_name
coach_id
name
L_name
train.
Coach
coach_country
Age
c_rating
c_phone
Enrol.
c_position
L_name
work_in
League
L_id
History
NUM_TEAMS
play in.
Enrol
manage
Manage
squad_number
country
DOB
Managers
Age
m_phone
m_id
name
L_name
M_name
F_name
Have
manage.
sponsored.
Have
sponsor
id
Name
judge in.
Judged
Join.
M_Lname
R_Mname
R_Frame
name
R_id
Referee
R_phone
R_DOB
Age
manage

3- Schema


players
Player_id
Fname
Mname
Lname
Nname
BOD
player_posi
squad_number
player_rating
P_country
coach_id
l_id
m_id
R_id
C_id
m_t_id
club
C_id
C_name
location
Hestory
Nickname
c_country
m_t_id
m_id
l_id
coach_id
spon_id
coach
coach_id
C_Fname
C_Mname
C_Lname
coach_country
c_rating
l_id
m_id
s_id
leagues
l_id
l_name
Hestory
Num_team
R_id
Managers
m_id
m_Fname
m_Mname
m_Lname
m_country
C_DOB
Stadium
s_id
s_name
s_country
s_capacity
C_id
l_id
m_id
R_id
matches
match_id
attendce
Play_date
l_id
s_id
R_id
medical_team
m_t_id
number_of_doctors
number_of_nurses
m_id
Referee
R_id
R_Fname
R_Mname
R_Lname
R_DOB
sponsor
spon_id
spon_name
player_phone
player_id
phone
player_play_match
player_id
match_id
score
coach_phone
coach_id
c_phone
manager_phone
m_id
m_phone
Referee_phone
R_id
R_phone
player_play_in_stadium
player_id
s_id
Club_use_stadium
c_id
s_id
coach_join_match
match_id
coach_id

4- Assumptions

1- players must treated by medical teams (**Total participation).**

2- medical teams may treat players (**Partial participation).**

3- players must join to clubs (**Total participation).**

4- clubs may have players (**Partial participation).**

5-players may play in stadium (**Partial participation).**

6-stadiums may be players play in it (**Partial participation).**

7- mangers must manage players (**Total participation).**

8-players must be managed by mangers (**Total participation).**

9- Referees must judge players (**Total participation).**

10- players must be judged by referee (**Total participation).**

11-players must enroll to leagues (**Total participation).**

12-leagues must enroll players (**Total participation).**

13-coaches must train players (**Total participation).**

14-players must be trained by coaches (**Total participation).**

15-matches must be played by players (**Total participation).**

16-players may play in matches (**Total participation).**

17-Referees must judge in stadiums (**Total participation).**

18- stadiums must Referees judge in it (**Total participation).**

19-Referees must join in leagues (**Total participation).**

20-league must enroll referee (**Total participation).**

21-Refrees must join in matches (**Total participation).**

22-matches must enroll referees (**Total participation).**

23-sponsors may consider clubs (**Partial participation).**

24-clubs must be considered by sponsors (**Total participation).**

25- coaches may be work in leagues (**Partial participation).**

26- leagues may coaches work in it (**Partial participation).**

27-leagues must occur matches (**Total participation).**

28- matches may be occurred by leagues (**Partial participation).**

29- league must play in stadium (**Total participation**).

30-stadium must play in it league (**Total participation**).

31-league must enroll clubs (**Total participation**).

32-clubs must join to league (**Total participation**)

33-managers may manage coaches (**Partial participation**).

34- coaches must managed by managers (**Total participation**).

35-matches must enroll coaches (**Total participation**).

36-coaches may be joined to match (**Partial participation).**

37- coaches may train in club (**Partial participation).**

38- clubs must have coaches (**Total participation**).

39- stadium must coaches control in it (**Total participation**).

40-coaches must control in stadiums (**Total participation)**.

41-managers may manage clubs (**Partial participation**).

42-clubs must be managed by managers (**Total participation**).

43-managers may have medical team (**Partial participation**).

44- medical team must work for managers (**Total participation**).

45-managers may have stadiums (**Partial participation**).

46-stadiums may be had by managers (**Partial participation**).

47-matches must play in stadium (**Total participation**).

48-stadium must be matches play in it (**Total participation).**

49-stadium may be had by clubs (**Partial participation).**

50-clubs may have stadiums (**Partial participation).**

51-stadiums may use by clubs (**Partial participation).**

52-stadiums must use clubs (**Total participation).**

53-clubs must have medical team (**Total participation).**

54-medical team may be had by clubs (**Partial participation).**

5- Table creation queries

I Created the tables without relations,

I Created 10 entities

(Players, clubs, stadium, managers, leagues, matches, coach, medical_team, referee, sponsor)

```
1-
CREATE TABLE Players
(
Fname VARCHAR (20) NOT NULL,
Mname VARCHAR (20) NOT NULL,
Lname VARCHAR (20) NOT NULL,
Nname VARCHAR (20) NOT NULL,
BOD DATE NOT NULL,
Player_Id VARCHAR (20) PRIMARY KEY,
player_posi VARCHAR (5) NOT NULL,
Squad_number INT NOT NULL,
player_rating INT NOT NULL,
P_Country VARCHAR (20) NOT NULL,
);

2-
CREATE TABLE Clubs
(
C_name VARCHAR (20) NOT NULL,
Location VARCHAR (20) NOT NULL,
C_id VARCHAR (20) PRIMARY KEY,
HESTORY DATE NOT NULL,
NICKNAME VARCHAR (20) NOT NULL,
c_country VARCHAR (20) NOT NULL
) ;
```

3-

```
CREATE TABLE STADIUM
(
s_name VARCHAR (20) NOT NULL,
s_id VARCHAR (20) PRIMARY KEY,
S_country VARCHAR (20) NOT NULL,
s_capacity INT NOT NULL
);
```

4-

```
CREATE TABLE MANAGERS
(
m_Fname VARCHAR (20) NOT NULL,
m_ Mname VARCHAR (20) NOT NULL,
m_Lname VARCHAR (20) NOT NULL,
m_id VARCHAR (20) PRIMARY KEY,
m_DOB DATE NOT NULL,
m_country VARCHAR (20) NOT NULL
);
```

5-

```
CREATE TABLE LEAGUES
(
l_id VARCHAR (20) PRIMARY KEY,
l_name VARCHAR (20) NOT NULL,
HESTORY DATE NOT NULL,
NUM_TEAMS INT DEFAULT 1
);
```

6-

```
CREATE TABLE MATCHES
(
match_id VARCHAR (20) PRIMARY KEY,
PLAY_DATE DATE NOT NULL,
attendce INT DEFAULT 0
);
```

7-

```
CREATE TABLE coach
(
c_Fname VARCHAR (20) NOT NULL,
c_Mname VARCHAR (20) NOT NULL,
c_Lname VARCHAR (20) NOT NULL,
coach_id VARCHAR (20) PRIMARY KEY,
coach_country VARCHAR (20) NOT NULL,
c_rating INT DEFAULT 1
);
```

8-

```
CREATE TABLE medical_team
(
number_of_doctors INT DEFAULT 1,
number _of_nurse INT DEFAULT 2,
m_t_id VARCHAR (20) PRIMARY KEY
);
```

9-

```
CREATE TABLE REFEREE
(
R_Fname VARCHAR (20) NOT NULL,
R_Mname VARCHAR (20) NOT NULL,
R_Lname VARCHAR (20) NOT NULL,
R_DOB DATE NOT NULL,
R_id VARCHAR (20) PRIMARY KEY
);
```

10-

```
CREATE TABLE sponsor
(
spon_id VARCHAR (20) PRIMARY KEY,
spon_name VARCHAR (20) UNIQUE NOT NULL
);
```

6- Relations Tables

After that I added the relations to tables

1 – Table players

```
ALTER TABLE Players
ADD Coach_id VARCHAR (20) NOT NULL,
ADD L_id VARCHAR (20) NOT NULL,
ADD M_id VARCHAR (20) N0T NULL,
ADD R_id VARCHAR (20) NOT NULL,
ADD C_id VARCHAR (20) NOT NULL,
ADD m_t_id VARCHAR (20) NOT NULL,
ADD FOREIGN KEY (coach_id) REFERENCES coach (coach_id),
ADD FOREIGN KEY(L_id) REFERENCES LEAGUES (1_id),
ADD FOREIGN KEY (M_id) REFERENCES MANAGERS (m_id)
ADD FOREIGN KEY(R_id) REFERENCES REFEREE (R_id),
ADD FOREIGN KEY(C_id) REFERENCES Clubs(C_id),
ADD FOREIGN KEY(m_t_id) REFERENCES medical_team (m_t_id);
```

2-Table clubs

```
ALTER TABLE Clubs
ADD coach_id VARCHAR (20) NOT NULL,
ADD L_id VARCHAR (20) NOT NULL,
ADD M_id VARCHAR (20) NOT NULL,
ADD m_t_id VARCHAR (20) NOT NULL
ADD spon_id VARCHAR (20) NOT NULL,
ADD FOREIGN KEY (spon_id) REFERENCES sponsor (spon_id),
ADD FOREIGN KEY (coach_id) REFERENCES coach (coach_id),
ADD FOREIGN KEY(L_id) REFERENCES LEAGUES (1_id)
ADD FOREIGN KEY(M_id) REFERENCES MANAGERS (m_id),
ADD FOREIGN KEY(m_t_id) REFERENCES medical_team (m_t_id);
```

3-Table coach

```
ALTER TABLE Coach
ADD L_id VARCHAR (20),
ADD M_id VARCHAR (20) NOT NULL
ADD s_id VARCHAR (20) NOT NULL,
ADD FOREIGN KEY(s_id) REFERENCES STADIUM (s_id),
ADD FOREIGN KEY(L_id) REFERENCES LEAGUES (1_id)
ADD FOREIGN KEY(M_id) REFERENCES MANAGERS (m_id);
```

4-Table league

```
ALTER TABLE LEAGUES
ADD R_id VARCHAR (20) NOT NULL,
ADD FOREIGN KEY(R_id) REFERENCES REFEREE (R_id);
```

5-Table stadium

```
ALTER TABLE STADIUM
ADD L_id VARCHAR (20) NOT NULL,
ADD M_id VARCHAR (20),
ADD R_id VARCHAR (20) NOT NULL,
ADD C_id VARCHAR (20),
ADD FOREIGN KEY(L_id) REFERENCES LEAGUES (1_id),
ADD FOREIGN KEY (M_id) REFERENCES MANAGERS (m_id),
ADD FOREIGN KEY (R_id) REFERENCES REFEREE (R_id),
ADD FOREIGN KEY(C_id) REFERENCES Clubs(C_id);
```

6-Table matches

```
ALTER TABLE MATCHES
ADD L_id VARCHAR (20),
ADD s_id VARCHAR (20) NOT NULL,
ADD R_id VARCHAR (20) NOT NULL,
ADD FOREIGN KEY(s_id) REFERENCES STADIUM(s_id),
ADD FOREIGN KEY(L_id) REFERENCES LEAGUES (1_id),
ADD FOREIGN KEY(R_id) REFERENCES REFEREE (R_id);
```

7-Table medical_team

```
ALTER TABLE medical_team
ADD M_id VARCHAR (20) NOT NULL,
ADD FOREIGN KEY(M_id) REFERENCES MANAGERS (m_id);
```

8-Player_phone

```
CREATE TABLE player_phone
(
Player_id VARCHAR (20),
phone VARCHAR (20) UNIQUE NOT NULL,
PRIMARY KEY (player_id, phone),
FOREIGN KEY (player_id) REFERENCES Players (Player_Id)
);
```

9-Coach_phone

```
CREATE TABLE Coach_phone
(
coach_id VARCHAR (20),
c_phone VARCHAR (20) UNIQUE NOT NULL,
PRIMARY KEY (coach_id, c_phone),
FOREIGN KEY (coach_id) REFERENCES coach(coach_id)
);
```

10-manager_phone

```
CREATE TABLE manager_phone
(
m_id VARCHAR (20),
m_phone VARCHAR (20) UNTQUE NOT NULL,
PRIMARY KEY (m_id, m_phone),
FOREIGN KEY (m_id) REFERENCES MANAGERS (m_id)
);
```

11-Referee_phone

```
CREATE TABLE Referee_phone
(
R_id VARCHAR (20),
R_phone VARCHAR (20) UNIQUE NOT NULL,
PRIMARY KEY (R_id, R_phone),
FOREIGN KEY (Rid) REFERENCES REFEREE(R_id)
);
```

12-player_play_match

```
CREATE TABLE player_play_match
(
score INT DEFAULT 0,
player_id VARCHAR (20),
match id VARCHAR (20),
PRIMARY KEY (player_id, match_id),
FOREIGN KEY (player_id) REFERENCES Players (Player_Id),
FOREIGN KEY (match_id) REFERENCES MATCHES (match_id)
);
```

13-player_play_in_stadium

```
CREATE TABLE player_play_in_stadium
(
player_id VARCHAR (20),
s_id VARCHAR (20),
PRIMARY KEY (player_id, s_id),
FOREIGN KEY (player_id) REFERENCES Players (Player_Id),
FOREIGN KEY(s_id) REFERENCES STADIUM (s_id)
);
```

14-Club_use_stadium

```
CREATE TABLE Club_use_stadium
 (
c_id VARCHAR (20),
s_id VARCHAR (20),
PRIMARY KEY (c_id, s_id)
FOREIGN KEY(c_id) REFERENCES Clubs (C_id),
FOREIGN KEY(s_id) REFERENCES STADIUM (s_id)
);
```

15-coach_join_match

```
CREATE TABLE coach_join_match
(
coach_id VARCHAR (20),
match_id VARCHAR (20),
PRIMARY KEY (coach_id, match_id),
FOREIGN KEY (coach_id) REFERENCES coach(coach_id),
FOREIGN KEY (match_id) REFERENCES MATCHES (match_id)
);
```

7- Table before insertion

1- Players

Fname	Mname	Lname	Nname	BOD	Player_Id	player_posi	Squad_number	player_rating	P_country	coach_id	L_id	M_id	R_id	C_id	m_t_id

2- Clubs

C_name	Location	C_id	HESTORY	NICKNAME	c_country	coach_id	L_id	M_id	m_t_id	spon_id

3- Stadium

s_name	s_id	s_country	s_capacity	L_id	M_id	R_id	C_id

4- Managers

m_Fname	m_Mname	m_Lname	m_id	m_DOB	m_country

5- Leagues

l_id	l_name	HESTORY	NUM_TEAMS	R_id

6- Matches

match_id	PLAY_DATE	attendce	s_id	L_id	R_id

7- Coach

c_Fname	c_Mname	c_Lname	coach_id	coach_country	c_rating	L_id	M_id	s_id

8- Medical team

number_of_doctors	number_of_nurse	m_t_id	M_id

9- Referee

R_Fname	R_Mname	R_Lname	R_DOB	R_id

10-Sponsor

spon_id	spon_name

11-Player phone

Player_id	phone

12-Coach phone

coach_id	c_phone

13-Manager phone

m_id	m_phone

14-Referee phone

R_id	R_phone

15-Player play match

score	player_id	match_id

16-Player paly in stadium

player_id	s_id

17-Club use stadium

c_id	s_id

18-Coach join match

coach_id	match_id

8- Insertion queries

1-

Run SQL query/queries on table sep22_211003941_proj.sponsor:

```sql
INSERT INTO sponsor
VALUES
(3,'Adidas'),
(4,'Coca-cola'),
(7,'Hyundai-Kia'),
(5,'Mcdonalds'),
(1,'Nike'),
(2,'Puma'),
(8,'Vivo'),
(6,'Vodafone')
```

2-

Run SQL query/queries on table sep22_211003941_proj.REFEREE:

```sql
INSERT INTO REFEREE
VALUES ('John', 'David', 'Smith', '1970-7-1', '1'),
       ('Jane', 'Mae', 'Doe', '1980-4-2', 'ID2'),
       ('Bob', 'James', 'Johnson', '1988-7-4', '3'),
       ('Alice', 'Jean', 'Williams', '1989-5-1', '4'),
       ('Michael', 'Scott', 'Jones', '1975-1-1', '5'),
       ('Sara', 'Ann', 'Brown', '1994-8-3', '6'),
       ('Chris', 'Thomas', 'Davis', '1973-2-1', '7'),
       ('Emily', 'Elizabeth', 'Miller', '1972-4-14', '8');
```

3-

Run SQL query/queries on table sep22_211003941_proj.LEAGUES:

```sql
INSERT INTO LEAGUES
VALUES
('1', 'Premier League', '1888-1-1', 20, '1'),
('2', 'La Liga', '1929-5-27', 20, '2'),
('3', 'Bundesliga', '1963-12-31', 18, '2'),
('4', 'Serie A', '1898-8-1', 20, '5'),
('5', 'Egyption Ligue ', '1932-4-3', 20, '4'),
('6', 'Major League Soccer', '1993-7-8', 26, '1'),
('7', 'Chinese Super League', '2004-4-1', 16, '3'),
('8', 'Australian A-League', '2004-1-1', 11, '6');
```

4-

Run SQL query/queries on table sep22_211003941_proj.MANAGERS:

```sql
INSERT INTO MANAGERS
VALUES
('John', 'David', 'Smith', '1', '1970-01-01', 'USA'),
('Jane', 'Mae', 'Doe', '2', '1970-02-01', 'Italy'),
('Bob', 'James', 'Johnson', '3', '1970-03-01', 'Germany'),
('Alice', 'Jean', 'Williams', '4', '1970-04-01', 'Spain'),
('Michael', 'Scott', 'Jones', '5', '1970-05-01', 'France'),
('Ismail', 'Ibrahem', 'Negm', '6', '2003-12-04', 'Egypt'),
('Chris', 'Thomas', 'Davis', '7', '1970-07-01', 'China'),
('Emily', 'Elizabeth', 'Miller', '8', '1970-08-01',
'Australia');
```

5-

Note:

When I insert in stadium, I didn't insert clubs

And I can't update or add foreign key references primary key

So, I insert in stadium first because I need it for coach table.

Run SQL query/queries on table sep22_211003941_proj.STADIUM:

```sql
INSERT INTO STADIUM
(s_name,s_id,s_country,s_capacity,L_id,M_id,R_id)
VALUES
('Old Trafford', '1', 'UK', 75000, '7', '5', '2'),
('Camp Nou', '2', 'Spain', 99000, '2', '1', '2'),
('Allianz Arena', '3', 'Germany', 70000, '3', '3', '4'),
('San Siro', '4', 'Italy', 80000, '2', '4', '4'),
('Parc des Princes', '5', 'France', 40000, '2', '8', '4'),
('Yankee Stadium', '6', 'USA', 50000, '2', '1', '4'),
('Jiangwan Stadium', '7', 'China', 30000, '4', '4', '1'),
('Allianz Stadium', '8', 'Australia', 60000, '5', '3', '8');
```

6-

Then, insert in coach table

Run SQL query/queries on table sep22_211003941_proj.coach:

```sql
INSERT INTO coach
VALUES
('John', 'David', 'Smith', '1', 'USA', 4, '1', '3', '2'),
('Jane', 'Mae', 'Doe', '2', 'UK', 8, '2', '4', '1'),
('Bob', 'James', 'Johnson', '3', 'Germany', 3, '1', '3', '2'),
('Alice', 'Jean', 'Williams', '4', 'Spain', 9, '4', '4', '6'),
('Michael', 'Scott', 'Jones', '5', 'France', 6, '5', '3', '2'),
('Sara', 'Ann', 'Brown', '6', 'Italy', 7, '6', '4', '5'),
('Chris', 'Thomas', 'Davis', '7', 'China', 8, '7', '2', '4'),
('Emily', 'Elizabeth', 'Miller', '8', 'Australia', 10, '8',
'2', '3');
```

7-

Insert medical to use primary key in clubs

Run SQL query/queries on table sep22_211003941_proj.medical_team:

```sql
INSERT INTO medical_team
VALUES
(10, 20, '1', '1'),
(12, 24, '2', '3'),
(14, 28, '3', '5'),
(16, 32, '4', '2'),
(18, 36, '5', '3'),
(20, 40, '6', '6'),
(22, 44, '7', '7'),
(24, 48, '8', '4');
```

8-

insert clubs to use primary key clubs in stadium

Run SQL query/queries on table sep22_211003941_proj.Clubs:

```sql
INSERT INTO Clubs
VALUES
('Manchester United', 'Manchester', '1', '1878-01-01', 'The Red Devils', 'UK', '1', '1', '1', '1', '1'),
('Barcelona', 'Barcelona', '2', '1899-01-01', 'Barça', 'Spain', '2', '2', '2', '2', '2'),
('Bayern Munich', 'Munich', '3', '1900-01-01', 'Die Bayern', 'Germany', '3', '3', '3', '3', '3'),
('Inter Milan', 'Milan', '4', '1908-01-01', 'Inter', 'Italy', '4', '4', '4', '4', '4'),
('Paris Saint-Germain', 'Paris', '5', '1970-01-01', 'PSG', 'France', '5', '5', '5', '5', '5'),
('ARSENAL', 'London', '6', '1886-01-01', 'THE GUNNERS', 'England', '6', '6', '6', '6', '6'),
('R MADRID', 'Madrid', '7', '1902-01-01', 'LOS MERENGUES', 'Spain', '7', '7', '7', '7', '7'),
('LIVERPOOL', 'LIVERPOOL', '8', '1892-01-01', 'THE POOL', 'England', '8', '8', '8', '8', '8');
```

9-

update stadium for insert primary key clubs in it

Run SQL query/queries on table sep22_211003941_proj.STADIUM:

```
UPDATE STADIUM
SET C_id='1'
WHERE s_id='1';
UPDATE STADIUM
SET C_id='2'
WHERE s_id='2';
UPDATE STADIUM
SET C_id='3'
WHERE s_id='3';
UPDATE STADIUM
SET C_id='4'
WHERE s_id='4';
UPDATE STADIUM
SET C_id='5'
WHERE s_id='5';
UPDATE STADIUM
SET C_id='6'
WHERE s_id='6';
UPDATE STADIUM
SET C_id='7'
WHERE s_id='7';
UPDATE STADIUM
SET C_id='8'
WHERE s_id='8';
```

10-

Run SQL query/queries on table sep22_211003941_proj.MATCHES:

```
INSERT INTO MATCHES
VALUES
('1', '2022-01-01', 75000, '2', '1', '1'),
('2', '2022-01-02', 80000, '5', '4', '6'),
('3', '2022-01-03', 85000, '3', '6', '7'),
('4', '2022-01-04', 90000, '4', '2', '2'),
('5', '2022-01-05', 95000, '7', '7', '3'),
('6', '2022-01-06', 100000, '6', '2', '6'),
('7', '2022-01-07', 105000, '7', '3', '7'),
('8', '2022-01-08', 110000, '8', '8', '8');
```

11-

Run SQL query/queries on table sep22_211003941_proj.Players:

```sql
INSERT INTO Players VALUES
('John', 'Michael', 'Smith', 'Johnny', '1970-01-01', '1', 'CF', 10, 99, 'USA','1','3','2','3','1','1'),
('Jane', 'Elizabeth', 'Doe', 'Janie', '1980-03-14', '2', 'MF', 8, 98, 'Canada','1','4','5','1','3','2'),
('Bob', 'Khaled', 'Jones', 'Bobby', '1985-06-30', '3', 'DF', 5, 7, 'England','2','1','1','2','1','4'),
('Alice', 'Ahmed', 'Smith', 'Ali', '1990-09-12', '4', 'GK', 1, 88, 'Australia','2','1','5','5','1','1'),
('Mike', 'Saeed', 'Williams', 'Mike', '1995-05-22', '5', 'RF', 9, 87, 'Spain','3','1','4','3','2','1'),
('Emily', 'Rched', 'Johnson', 'Em', '2000-01-01', '6', 'DM', 7, 8, 'France','5','2','3','4','5','2'),
('James', 'Ali', 'Brown', 'Jim', '2005-07-07', '7', 'LM', 6, 87, 'Germany','6','1','1','3','2','2'),
('Samantha', 'Mahmod', 'Miller', 'Sam', '2003-11-11', '8', 'GK', 1, 98, 'Italy','5','1','1','3','1','1'),
('David', 'Ali', 'Davis', 'Dave', '2000-03-03', '9', 'RB', 11, 97, 'Brazil','8','1','1','4','1','1'),
('Jessica', 'Jhon', 'Garcia', 'Jess', '1992-06-06', '10', 'LB', 8, 88, 'Argentina','4','1','4','1','1','1'),
('Chris', 'Manga', 'Wilson', 'vhris', '1995-12-12', '11', 'RWB', 4, 95, 'Mexico','6','1','1','5','1','1');
```

12-

Run SQL query/queries on table sep22_211003941_proj.Referee_phone:

```sql
INSERT INTO Referee_phone
VALUES
('2', '+181234567890'),
('4', '+281234567891'),
('3', '+091234567892'),
('4', '+482234567893'),
('3', '+363334567894'),
('8', '+141234567895'),
('7', '+901234567896'),
('3', '+5451234567856'),
('2', '+241234567890'),
('8', '+321234567828');
```

13-

Run SQL query/queries on table sep22_211003941_proj.player_phone:

```
INSERT INTO player_phone
VALUES
('1', '+4843434567890'),
('4', '+2013234567891'),
('3', '+2014345678952'),
('4', '+4832134567893'),
('5', '+3612345667894'),
('6', '+1012334456795'),
('3', '+3012323433896'),
('8', '+7512345367856'),
('2', '+2412345678940'),
('8', '+3212345674828');
```

14-

Run SQL query/queries on table sep22_211003941_proj.manager_phone:

```
INSERT INTO manager_phone
VALUES
('1', '+481234578890'),
('2', '+201234523891'),
('3', '+201234549892'),
('4', '+481234510893'),
('5', '+331234575894'),
('8', '+121234567695'),
('7', '+701234567196'),
('6', '+651234567854'),
('2', '+241234567891'),
('3', '+321234564982');
```

15-

Run SQL query/queries on table sep22_211003941_proj.coach_phone:

```
INSERT INTO coach_phone
VALUES
('1', '+481234567890'),
('1', '+201234567891'),
('3', '+201234567892'),
('4', '+481234567893'),
('5', '+361234567894'),
('6', '+101234567895'),
('7', '+301234567896'),
('5', '+751234567856'),
('2', '+241234567890'),
('8', '+321234567828');
```

16-

Run SQL query/queries on table sep22_211003941_proj.player_play_match:

```
INSERT INTO player_play_match
VALUES
(2,'2','3'),
(1,'1','2'),
(0,'3','6'),
(3,'4','5'),
(4,'5','4'),
(0,'5','3'),
(2,'3','3'),
(1,'6','8');
```

17-

Run SQL query/queries on table sep22_211003941_proj.player_play_in_stadium:

```
INSERT INTO player_play_in_stadium
VALUES
('2','3'),
('4','2'),
('3','6'),
('4','5'),
('5','4'),
('7','3'),
('1','3'),
('6','8');
```

18-

Run SQL query/queries on table sep22_211003941_proj.coach_join_match:

```
INSERT INTO coach_join_match
VALUES
('2','3'),
('1','2'),
('3','6'),
('4','5'),
('5','4'),
('5','3'),
('3','3'),
('6','8');
```

19-

Run SQL query/queries on table sep22_211003941_proj.Club_use_stadium:

```sql
INSERT INTO Club_use_stadium
VALUES
('1','2'),
('2','3'),
('3','2'),
('4','4'),
('7','3'),
('5','3');
```

9- Table after insertion

1- clubs

+ Options

	C_name	Location	C_id	HESTORY	NICKNAME	c_country	coach_id	L_id	M_id	m_t_id	spon_id
Edit Copy Delete	Manchester United	Manchester	1	1878-01-01	The Red Devils	UK	1	1	1	1	1
Edit Copy Delete	Barcelona	Barcelona	2	1899-01-01	Barça	Spain	2	2	2	2	2
Edit Copy Delete	Bayern Munich	Munich	3	1900-01-01	Die Bayern	Germany	3	3	3	3	3
Edit Copy Delete	Inter Milan	Milan	4	1908-01-01	Inter	Italy	4	4	4	4	4
Edit Copy Delete	Paris Saint-Germain	Paris	5	1970-01-01	PSG	France	5	5	5	5	5
Edit Copy Delete	ARSENAL	London	6	1886-01-01	THE GUNNERS	England	6	6	6	6	6
Edit Copy Delete	R MADRID	Madrid	7	1902-01-01	LOS MERENGUES	Spain	7	7	7	7	7
Edit Copy Delete	LIVERPOOL	LIVERPOOL	8	1892-01-01	THE POOL	England	8	8	8	8	8

2- coach

+ Options

	c_Fname	c_Mname	c_Lname	coach_id	coach_country	c_rating	L_id	M_id	s_id
Edit Copy Delete	John	David	Smith	1	USA	4	1	3	2
Edit Copy Delete	Jane	Mae	Doe	2	UK	8	2	4	1
Edit Copy Delete	Bob	James	Johnson	3	Germany	3	1	3	2
Edit Copy Delete	Alice	Jean	Williams	4	Spain	9	4	4	6
Edit Copy Delete	Michael	Scott	Jones	5	France	6	5	3	2
Edit Copy Delete	Sara	Ann	Brown	6	Italy	7	6	4	5
Edit Copy Delete	Chris	Thomas	Davis	7	China	8	7	2	4
Edit Copy Delete	Emily	Elizabeth	Miller	8	Australia	10	8	2	3

3- League

	l_id	l_name	HESTORY	NUM_TEAMS	R_id
Edit Copy Delete	1	Premier League	1888-01-01	20	1
Edit Copy Delete	2	La Liga	1929-05-27	20	2
Edit Copy Delete	3	Bundesliga	1963-12-31	18	2
Edit Copy Delete	4	Serie A	1898-08-01	20	5
Edit Copy Delete	5	Egyption Ligue	1932-04-03	20	4
Edit Copy Delete	6	Major League Soccer	1993-07-08	26	1
Edit Copy Delete	7	Chinese Super League	2004-04-01	16	3
Edit Copy Delete	8	Australian A-League	2004-01-01	11	6

4- Managers

+ Options

	m_Fname	m_Mname	m_Lname	m_id	m_DOB	m_country
Edit Copy Delete	John	David	Smith	1	1970-01-01	USA
Edit Copy Delete	Jane	Mae	Doe	2	1970-02-01	Italy
Edit Copy Delete	Bob	James	Johnson	3	1970-03-01	Germany
Edit Copy Delete	Alice	Jean	Williams	4	1970-04-01	Spain
Edit Copy Delete	Michael	Scott	Jones	5	1970-05-01	France
Edit Copy Delete	Ismail	Ibrahem	Negm	6	2003-12-04	Egypt
Edit Copy Delete	Chris	Thomas	Davis	7	1970-07-01	China
Edit Copy Delete	Emily	Elizabeth	Miller	8	1970-08-01	Australia

5- Match

+ Options

	match_id	PLAY_DATE	attendce	s_id	L_id	R_id
Edit Copy Delete	1	2022-01-01	75000	2	1	1
Edit Copy Delete	2	2022-01-02	80000	5	4	6
Edit Copy Delete	3	2022-01-03	85000	3	6	7
Edit Copy Delete	4	2022-01-04	90000	4	2	2
Edit Copy Delete	5	2022-01-05	95000	7	7	3
Edit Copy Delete	6	2022-01-06	100000	6	2	6
Edit Copy Delete	7	2022-01-07	105000	7	3	7
Edit Copy Delete	8	2022-01-08	110000	8	8	8

6- Medical team

+ Options

	number_of_doctors	number_of_nurse	m_t_id	M_id
Edit Copy Delete	10	20	1	1
Edit Copy Delete	12	24	2	3
Edit Copy Delete	14	28	3	5
Edit Copy Delete	16	32	4	2
Edit Copy Delete	18	36	5	3
Edit Copy Delete	20	40	6	6
Edit Copy Delete	22	44	7	7
Edit Copy Delete	24	48	8	4

7- Players

+ Options

	Fname	Mname	Lname	Nname	BOD	Player_Id	player_posi	Squad_number	player_rating	P_country	coach_id	L_id	M_id	R_id	C_id
Edit Copy Delete	John	Michael	Smith	Johnny	1970-01-01	1	CF	10	99	USA	1	3	2	3	1
Edit Copy Delete	Jessica	Jhon	Garcia	Jess	1992-06-06	10	LB	8	88	Argentina	4	1	4	1	1
Edit Copy Delete	Chris	Manga	Wilson	vhris	1995-12-12	11	RWB	4	95	Mexico	6	1	1	5	1
Edit Copy Delete	Jane	Elizabeth	Doe	Janie	1980-03-14	2	MF	8	98	Canada	1	4	5	1	3
Edit Copy Delete	Bob	Khaled	Jones	Bobby	1985-06-30	3	DF	5	7	England	2	1	1	2	1
Edit Copy Delete	Alice	Ahmed	Smith	Ali	1990-09-12	4	GK	1	88	Australia	2	1	5	5	1
Edit Copy Delete	Mike	Saeed	Williams	Mike	1995-05-22	5	RF	9	87	Spain	3	1	4	3	2
Edit Copy Delete	Emily	Rched	Johnson	Em	2000-01-01	6	DM	7	8	France	5	2	3	4	5
Edit Copy Delete	James	Ali	Brown	Jim	2005-07-07	7	LM	6	87	Germany	6	1	1	3	2
Edit Copy Delete	Samantha	Mahmod	Miller	Sam	2003-11-11	8	GK	1	98	Italy	5	1	1	3	1
Edit Copy Delete	David	Ali	Davis	Dave	2000-03-03	9	RB	11	97	Brazil	8	1	1	4	1

Check all *With selected:* Edit Copy Delete Export

8- Referee

+ Options

	R_Fname	R_Mname	R_Lname	R_DOB	R_id
Edit Copy Delete	John	David	Smith	1970-07-01	1
Edit Copy Delete	Jane	Mae	Doe	1980-04-02	2
Edit Copy Delete	Bob	James	Johnson	1988-07-04	3
Edit Copy Delete	Alice	Jean	Williams	1989-05-01	4
Edit Copy Delete	Michael	Scott	Jones	1975-01-01	5
Edit Copy Delete	Sara	Ann	Brown	1994-08-03	6
Edit Copy Delete	Chris	Thomas	Davis	1973-02-01	7
Edit Copy Delete	Emily	Elizabeth	Miller	1972-04-14	8

Check all *With selected:* Edit Copy Delete Export

9- Sponsors

+ Options

	spon_id	spon_name
Edit Copy Delete	3	Adidas
Edit Copy Delete	4	Coca-cola
Edit Copy Delete	7	Hyundai-Kia
Edit Copy Delete	5	Mcdonalds
Edit Copy Delete	1	Nike
Edit Copy Delete	2	Puma
Edit Copy Delete	8	Vivo
Edit Copy Delete	6	Vodafone

Check all *With selected:* Edit Copy Delete Export

10- Stadium

+ Options

	s_name	s_id	s_country	s_capacity	L_id	M_id	R_id	C_id
Edit Copy Delete	Old Trafford	1	UK	75000	7	5	2	1
Edit Copy Delete	Camp Nou	2	Spain	99000	2	1	2	2
Edit Copy Delete	Allianz Arena	3	Germany	70000	3	3	4	3
Edit Copy Delete	San Siro	4	Italy	80000	2	4	4	4
Edit Copy Delete	Parc des Princes	5	France	40000	2	8	4	5
Edit Copy Delete	Yankee Stadium	6	USA	50000	2	1	4	6
Edit Copy Delete	Jiangwan Stadium	7	China	30000	4	4	1	7
Edit Copy Delete	Allianz Stadium	8	Australia	60000	5	3	8	8

Check all *With selected:* Edit Copy Delete Export

11- Referee phone

+ Options

	R_id	R_phone
Edit Copy Delete	3	+091234567892
Edit Copy Delete	8	+141234567895
Edit Copy Delete	2	+181234567890
Edit Copy Delete	2	+241234567890
Edit Copy Delete	4	+281234567891
Edit Copy Delete	8	+321234567828
Edit Copy Delete	3	+363334567894
Edit Copy Delete	4	+482234567893
Edit Copy Delete	3	+5451234567856
Edit Copy Delete	7	+901234567896

12- Player phone

+ Options

				Player_id	phone
Edit	Copy	Delete		6	+1012334456795
Edit	Copy	Delete		4	+2013234567891
Edit	Copy	Delete		3	+2014345678952
Edit	Copy	Delete		2	+2412345678940
Edit	Copy	Delete		3	+3012323433896
Edit	Copy	Delete		8	+3212345674828
Edit	Copy	Delete		5	+3612345667894
Edit	Copy	Delete		4	+4832134567893
Edit	Copy	Delete		1	+4843434567890
Edit	Copy	Delete		8	+7512345367856

Check all *With selected:* Edit Copy Delete Export

13- Manager phone

+ Options

				m_id	m_phone
Edit	Copy	Delete		8	+121234567695
Edit	Copy	Delete		2	+201234523891
Edit	Copy	Delete		3	+201234549892
Edit	Copy	Delete		2	+241234567891
Edit	Copy	Delete		3	+321234564982
Edit	Copy	Delete		5	+331234575894
Edit	Copy	Delete		4	+481234510893
Edit	Copy	Delete		1	+481234578890
Edit	Copy	Delete		6	+651234567854
Edit	Copy	Delete		7	+701234567196

14- Coach phone

+ Options

				coach_id	c_phone
Edit	Copy	Delete		6	+101234567895
Edit	Copy	Delete		1	+201234567891
Edit	Copy	Delete		3	+201234567892
Edit	Copy	Delete		2	+241234567890
Edit	Copy	Delete		7	+301234567896
Edit	Copy	Delete		8	+321234567828
Edit	Copy	Delete		5	+361234567894
Edit	Copy	Delete		1	+481234567890
Edit	Copy	Delete		4	+481234567893
Edit	Copy	Delete		5	+751234567856

15- Player play in match

+ Options

				score	player_id	match_id
Edit	Copy	Delete		1	1	2
Edit	Copy	Delete		2	2	3
Edit	Copy	Delete		2	3	3
Edit	Copy	Delete		0	3	6
Edit	Copy	Delete		3	4	5
Edit	Copy	Delete		0	5	3
Edit	Copy	Delete		4	5	4
Edit	Copy	Delete		1	6	8

16- Player in stadium

+ Options

	player_id	s_id
Edit Copy Delete	4	2
Edit Copy Delete	1	3
Edit Copy Delete	2	3
Edit Copy Delete	7	3
Edit Copy Delete	5	4
Edit Copy Delete	4	5
Edit Copy Delete	3	6
Edit Copy Delete	6	8

17- coach join match

+ Options

Click the drop-down arrow to toggle column's visibility.

	coach_id	match_id
Edit Copy Delete	1	2
Edit Copy Delete	2	3
Edit Copy Delete	3	3
Edit Copy Delete	5	3
Edit Copy Delete	5	4
Edit Copy Delete	4	5
Edit Copy Delete	3	6
Edit Copy Delete	6	8

18- Club use stadium

+ Options

	c_id	s_id
Edit Copy Delete	1	2
Edit Copy Delete	3	2
Edit Copy Delete	2	3
Edit Copy Delete	5	3
Edit Copy Delete	7	3
Edit Copy Delete	4	4

Thank You.