**Subject: Introduction to Database**

**Systems**

**Title**

**:**

**Football Club Management System**

**Name: Umer**

**T**

**ahir**

**Reg #: L1F21BSCS0378**

**SEC: D7**



**Subject: Introduction to Database System**

**s**

**Title**

**:**

**Football Club Management System**

**Group Members:**

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**Roll No:** L1f21BSCS0058

**Section:** D-17

**Project Title: Football Club Database System**

**Phase 1**

**Description:**

A football club management system is a software application designed to manage various aspects of a football club's operations. It is a comprehensive system that provides tools for club administrators to manage and track player and team information, matches, and other aspects of the club. Overall, a football club management system streamlines club operations and helps administrators make informed decisions by providing real-time data and insights.

**Limitations:**

Limited to one club: The system is designed for a specific football club, and may not be suitable for other clubs, or for use in other sports or organization.

May not be user-friendly: The system may require a certain level of technical expertise to use, making it challenging for some users.

Limited to data available**:** The database system is only as good as the data it is fed. If there is missing or incorrect data, the system may not be able to provide accurate and reliable information

**Scope:**

The scope of a football club management system includes managing the various aspects of a football club, including the club's operations, team management, player management, match management, fan engagement, financial management, and news management.

**Observations:**

* Football clubs have a large number of players, coaches, and support staff that need to be managed.
* The club needs to keep track of players' personal and medical information, performance data, contract details, and more.
* Football clubs need to manage their finances, including income and expenses related to player transfers, salaries, facilities, and equipment.
* The club needs to communicate with fans, media, and other stakeholders, and manage ticket sales and marketing efforts.

**Assumptions:**

* The football club has a physical location where the management system will be implemented.
* The club has a reliable internet connection and hardware infrastructure to support the system.
* The club has a dedicated team of IT professionals who can maintain and update the system as needed.
* The system will be used by authorized personnel only, with proper access controls in place.
* The system will adhere to relevant data protection and privacy regulations, and will keep sensitive data secure.

**Entities:**

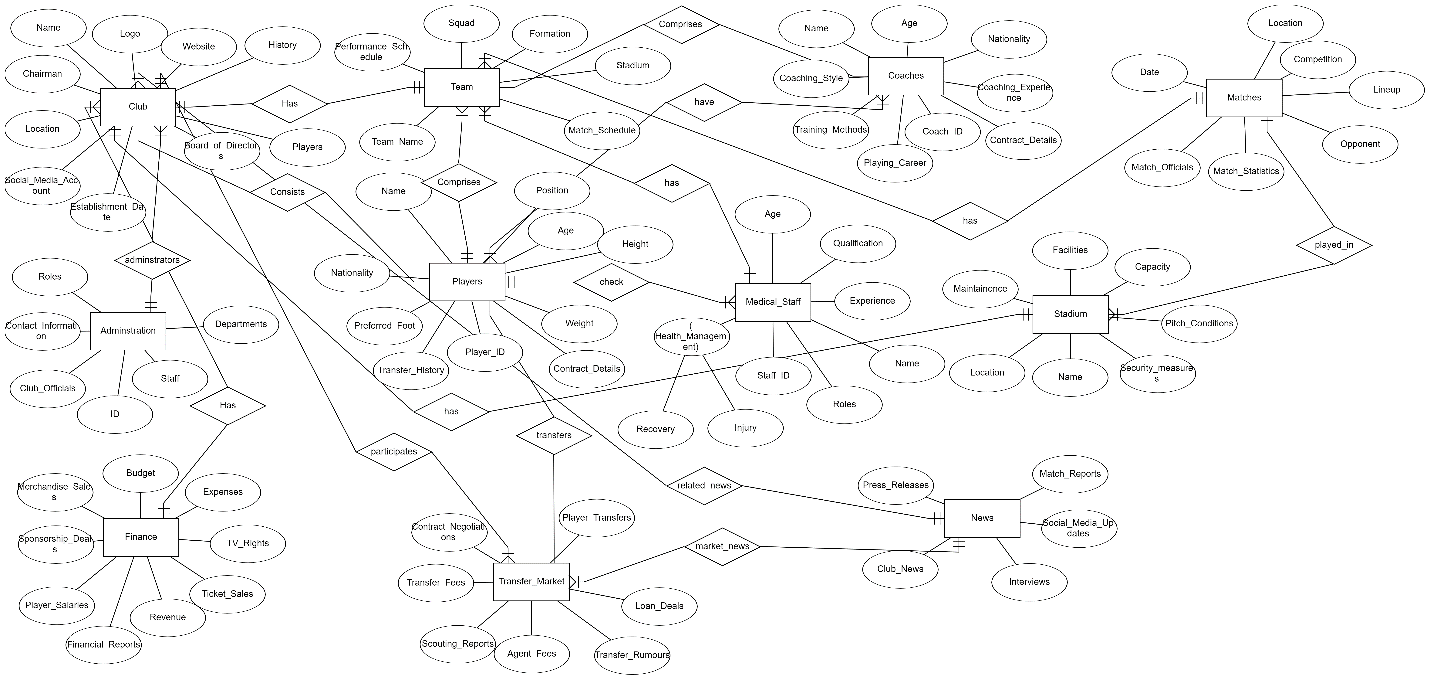
* Club
* Team
* Administration
* Players
* Coaches
* Medical staff
* Training sessions

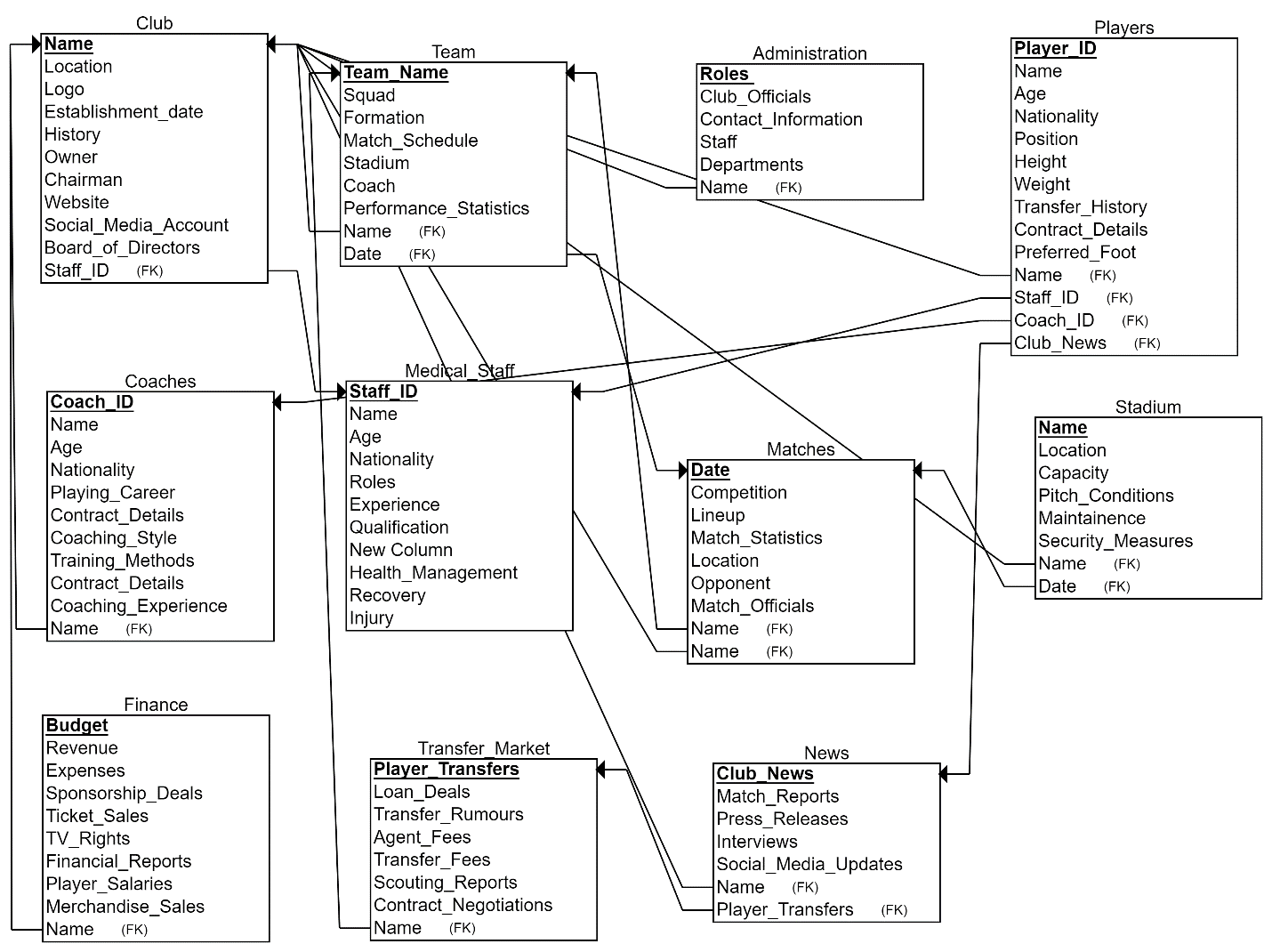
|  |  |
| --- | --- |
| **Attributes:** |  |
| **Club:**   * Name * Location * Logo * Establishment date * History * Owner * Chairman * Board of Directors * Website * Social Media Account | **Team:**   * Name * Squad * Formation * Coach * Stadium * Match Schedule * Performance Statistics |
| **Players:**   * Name * Age * Nationality * Position * Height * Weight * Preferred Foot * Contract details * Transfer History | **Medical staff:**   * Name * Age * Qualification * Experience * Roles * Injury and Recovery Management |
| **Administration:**   * Club Officials * Staff * Departments * Roles * Contact Information | **Matches:**   * Date * Time Location * Opponent * Competition * Match Officials * Lineup * Match Statistics |
| **Coaches:**   * Name * Age * Nationality * Coaching Experience * Playing Career * Coaching Style | **Finance:**   * Budget * Revenue * Expenses * Sponsorship Deals * TV rights * Ticket Sales * Merchandise Sales * Player Salaries * Financial Reports |
| **Stadium:**   * Name * Location * Capacity * Facilities * Pitch Conditions * Security measures * Maintenance Schedule | **Transfer market:**   * Player transfers * Loan deals * Transfer Rumors * Contract Negotiations * Scouting Reports * Transfer fees * Agent Fees |

Why This Project? Well, I have chosen this project because of my interest in this particular sport and due to the fact that I have prior knowledge in this subject. I am passionate about this sport and that’s why I wanted to work on this particular project. I also wanted to see how a football club is run. Thus, I believe this will be a good learning experience for me and will help me improve my skills in database designing and project management.

**PHASE 2**

**ERD**

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**Phase 3**

create schema football\_club;

use football\_club;

CREATE TABLE Club (

Name VARCHAR(255) not null primary key,

Location VARCHAR(255),

Logo VARCHAR(255),

EstablishmentDate DATE,

Owner VARCHAR(255),

Chairman VARCHAR(255),

BoardOfDirectors VARCHAR(255),

staffid int

);

CREATE TABLE Administration (

Staffid INT not null PRIMARY KEY,

Departments VARCHAR(255) NOT NULL,

Roles VARCHAR(255) NOT NULL,

ContactInformation TEXT NOT NULL

);

CREATE TABLE Team (

Name VARCHAR(255) NOT NULL PRIMARY KEY,

Squad TEXT,

Formation VARCHAR(255),

Coach VARCHAR(255),

Stadium VARCHAR(255),

MatchSchedule TEXT,

PerformanceStatistics TEXT,

Club\_Name VARCHAR(255)

);

CREATE TABLE Players (

ShirtNumber INT not null PRIMARY KEY,

Name VARCHAR(255),

Age INT,

Nationality VARCHAR(255),

Position VARCHAR(255),

Height DECIMAL(4, 2),

Weight DECIMAL(5, 2),

PreferredFoot VARCHAR(255),

ContractDetails TEXT,

CoachID INT,

Club\_Name VARCHAR(255)

);

CREATE TABLE Coaches (

CoachID INT not null PRIMARY KEY,

Name VARCHAR(255) NOT NULL,

Age INT NOT NULL,

Nationality VARCHAR(255) NOT NULL,

CoachingExperience TEXT,

PlayingCareer TEXT,

CoachingStyle TEXT,

TrainingMethods TEXT,

ContractDetails TEXT,

Club\_Name VARCHAR(255)

);

CREATE TABLE MedicalStaff (

med\_staff\_id INT PRIMARY KEY,

Name VARCHAR(255) NOT NULL,

Age INT NOT NULL,

Qualification VARCHAR(255),

Experience TEXT,

Roles TEXT,

InjuryRecoveryManagement TEXT

);

CREATE TABLE Matches (

Date DATE NOT NULL,

Location VARCHAR(255) NOT NULL,

Opponent VARCHAR(255),

Competition VARCHAR(255),

MatchOfficials TEXT,

Lineup TEXT,

MatchStatistics TEXT,

Team\_Name VARCHAR(255),

Club\_Name VARCHAR(255),

PRIMARY KEY (Date, Location)

);

CREATE TABLE Finance (

Report\_id INT PRIMARY KEY,

Budget DECIMAL(12, 2),

Revenue DECIMAL(12, 2),

Expenses DECIMAL(12, 2),

SponsorshipDeals DECIMAL(12, 2),

TVRights DECIMAL(12, 2),

TicketSales DECIMAL(12, 2),

MerchandiseSales DECIMAL(12, 2),

PlayerSalaries DECIMAL(12, 2),

FinancialReports TEXT,

Club\_Name VARCHAR(255)

);

CREATE TABLE TransferMarket (

transfer\_id INT PRIMARY KEY,

PlayerTransfers TEXT,

LoanDeals TEXT,

TransferRumors TEXT,

ContractNegotiations TEXT,

TransferFees DECIMAL(12, 2),

Team\_Name VARCHAR(255)

);

CREATE TABLE PlayerCoached (

Shirt\_Number INT NOT NULL,

CoachID INT NOT NULL,

CONSTRAINT PK\_PlayerCoach PRIMARY KEY (Shirt\_Number, CoachID),

CONSTRAINT FK\_PlayerCoach\_Player FOREIGN KEY (Shirt\_Number) REFERENCES Players (ShirtNumber)

ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT FK\_PlayerCoach\_Coach FOREIGN KEY (CoachID) REFERENCES Coaches (CoachID)

ON DELETE CASCADE ON UPDATE CASCADE

);

ALTER TABLE Club

ADD FOREIGN KEY (Staffid) REFERENCES Administration(Staffid)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE Team

ADD FOREIGN KEY (Club\_Name) REFERENCES Club(Name);

ALTER TABLE Players

ADD FOREIGN KEY (CoachID) REFERENCES Coaches(CoachID)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE Players

ADD FOREIGN KEY (Club\_Name) REFERENCES Club(Name)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE Coaches

ADD FOREIGN KEY (Club\_Name) REFERENCES Club(Name)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE Matches

ADD FOREIGN KEY (Team\_Name) REFERENCES Team(Name)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE Matches

ADD FOREIGN KEY (Club\_Name) REFERENCES Club(Name)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE TransferMarket

ADD FOREIGN KEY (Team\_Name) REFERENCES Team(Name)

ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE Finance

ADD FOREIGN KEY (Club\_Name) REFERENCES Club(Name)

ON DELETE CASCADE ON UPDATE CASCADE;

INSERT INTO Club (Name, Location, Logo, EstablishmentDate, Owner, Chairman, BoardOfDirectors)

VALUES

('Real Madrid', 'Madrid, Spain', 'real\_madrid\_logo.png', '1902-03-06', 'Florentino Perez', 'Florentino Perez', 'Real Madrid Board of Directors'),

('Barcelona', 'Barcelona, Spain', 'barcelona\_logo.png', '1899-11-29', 'Club members', 'Joan Laporta', 'Barcelona Board of Directors'),

('Manchester United', 'Manchester, England', 'manutd\_logo.png', '1878-04-01', 'Joel Glazer', 'Joel Glazer', 'Manchester United Board of Directors'),

('Bayern Munich', 'Munich, Germany', 'bayern\_munich\_logo.png', '1900-02-27', 'Club members', 'Herbert Hainer', 'Bayern Munich Board of Directors'),

('Juventus', 'Turin, Italy', 'juventus\_logo.png', '1897-11-01', 'Agnelli family', 'Andrea Agnelli', 'Juventus Board of Directors');

INSERT INTO Administration (Staffid, Departments, Roles, ContactInformation)

VALUES

(1, 'Management', 'CEO', 'ceo@club.com'),

(2, 'Finance', 'CFO', 'cfo@club.com'),

(3, 'Marketing', 'CMO', 'cmo@club.com'),

(4, 'Technical', 'Head Coach', 'headcoach@club.com'),

(5, 'Medical', 'Team Doctor', 'teamdoctor@club.com');

INSERT INTO Team (Name, Squad, Formation, Coach, Stadium, MatchSchedule, PerformanceStatistics)

VALUES

('Real Madrid', 'Keylor Navas, Dani Carvajal, Raphael Varane, Sergio Ramos, Marcelo, Toni Kroos, Luka Modric, Casemiro, Gareth Bale, Karim Benzema, Eden Hazard', '4-3-3', 'Carlo Ancelotti', 'Santiago Bernabeu', 'Upcoming matches: Match 1 - vs. Barcelona, Match 2 - vs. Atletico Madrid, Match 3 - vs. Sevilla', 'Season performance: Played 10, Won 8, Drawn 1, Lost 1'),

('Barcelona', 'Marc-Andre ter Stegen, Sergi Roberto, Gerard Pique, Clement Lenglet, Jordi Alba, Sergio Busquets, Frenkie de Jong, Pedri, Lionel Messi, Antoine Griezmann, Memphis Depay', '4-2-3-1', 'Ronald Koeman', 'Camp Nou', 'Upcoming matches: Match 1 - vs. Real Madrid, Match 2 - vs. Atletico Madrid, Match 3 - vs. Sevilla', 'Season performance: Played 9, Won 6, Drawn 2, Lost 1'),

('Bayern Munich', 'Manuel Neuer, Joshua Kimmich, Niklas Sule, David Alaba, Alphonso Davies, Leon Goretzka, Thomas Muller, Serge Gnabry, Kingsley Coman, Leroy Sane, Robert Lewandowski', '4-2-3-1', 'Julian Nagelsmann', 'Allianz Arena', 'Upcoming matches: Match 1 - vs. Borussia Dortmund, Match 2 - vs. RB Leipzig, Match 3 - vs. Wolfsburg', 'Season performance: Played 8, Won 7, Drawn 0, Lost 1'),

('Liverpool', 'Alisson Becker, Trent Alexander-Arnold, Virgil van Dijk, Joe Gomez, Andrew Robertson, Fabinho, Jordan Henderson, Thiago Alcantara, Mohamed Salah, Sadio Mane, Roberto Firmino', '4-3-3', 'Jurgen Klopp', 'Anfield', 'Upcoming matches: Match 1 - vs. Manchester City, Match 2 - vs. Chelsea, Match 3 - vs. Arsenal', 'Season performance: Played 9, Won 5, Drawn 3, Lost 1'),

('Juventus', 'Wojciech Szczesny, Juan Cuadrado, Matthijs de Ligt, Leonardo Bonucci, Alex Sandro, Arthur, Rodrigo Bentancur, Weston McKennie, Federico Chiesa, Paulo Dybala, Alvaro Morata', '4-4-2', 'Massimiliano Allegri', 'Allianz Stadium', 'Upcoming matches: Match 1 - vs. Inter Milan, Match 2 - vs. AC Milan, Match 3 - vs. Napoli', 'Season performance: Played 8, Won 6, Drawn 1, Lost 1');

INSERT INTO Players (ShirtNumber, Name, Age, Nationality, Position, Height, Weight, PreferredFoot, ContractDetails)

VALUES

(7, 'Cristiano Ronaldo', 38, 'Portuguese', 'Forward', 1.87, 83.0, 'Right', 'Contract details for Cristiano Ronaldo'),

(10, 'Lionel Messi', 35, 'Argentinian', 'Forward', 1.70, 72.0, 'Left', 'Contract details for Lionel Messi'),

(9, 'Robert Lewandowski', 34, 'Polish', 'Forward', 1.84, 80.0, 'Right', 'Contract details for Robert Lewandowski'),

(4, 'Virgil van Dijk', 32, 'Dutch', 'Defender', 1.93, 92.0, 'Right', 'Contract details for Virgil van Dijk'),

(11, 'Neymar Jr.', 31, 'Brazilian', 'Forward', 1.75, 68.0, 'Right', 'Contract details for Neymar Jr.');

INSERT INTO Coaches (CoachID, Name, Age, Nationality, CoachingExperience, PlayingCareer, CoachingStyle, TrainingMethods, ContractDetails)

VALUES

(1, 'Jose Mourinho', 58, 'Portuguese', 'Coached various top clubs including Real Madrid, Chelsea, and Inter Milan.', 'Former professional footballer.', 'Tactical and disciplined approach.', 'Emphasizes defensive organization and set-piece strategies.', 'Contract details for Jose Mourinho.'),

(2, 'Pep Guardiola', 50, 'Spanish', 'Coached Barcelona and Manchester City with great success.', 'Former professional footballer for Barcelona.', 'Possession-based and attacking style.', 'Focuses on positional play and quick passing.', 'Contract details for Pep Guardiola.'),

(3, 'Jurgen Klopp', 54, 'German', 'Coached Borussia Dortmund and Liverpool, winning multiple titles.', 'Former professional footballer in Germany.', 'High-intensity and pressing style.', 'Emphasizes teamwork and gegenpressing.', 'Contract details for Jurgen Klopp.'),

(4, 'Carlo Ancelotti', 62, 'Italian', 'Coached top clubs including AC Milan, Real Madrid, and Chelsea.', 'Former professional footballer in Italy.', 'Balanced and adaptable style.', 'Focuses on player relationships and tactical flexibility.', 'Contract details for Carlo Ancelotti.'),

(5, 'Zinedine Zidane', 49, 'French', 'Coached Real Madrid, leading the team to multiple Champions League titles.', 'Former professional footballer for France and Real Madrid.', 'Attacking and fluid style.', 'Encourages creative and expressive play.', 'Contract details for Zinedine Zidane.');

INSERT INTO MedicalStaff (med\_staff\_id, Name, Age, Qualification, Experience, Roles, InjuryRecoveryManagement)

VALUES

(1, 'John Smith', 35, 'Doctor of Medicine', '10 years of experience in sports medicine.', 'Medical doctor', 'Specializes in injury diagnosis and recovery management.'),

(2, 'Emily Johnson', 28, 'Physical Therapist', '5 years of experience in sports rehabilitation.', 'Physical therapist', 'Provides treatment and rehabilitation programs for injured athletes.'),

(3, 'Michael Davis', 42, 'Sports Massage Therapist', '15 years of experience in sports massage therapy.', 'Massage therapist', 'Focuses on muscle recovery and relaxation techniques.'),

(4, 'Sarah Wilson', 31, 'Athletic Trainer', '8 years of experience in sports injury prevention and treatment.', 'Athletic trainer', 'Provides on-field injury assessment and immediate care.'),

(5, 'David Roberts', 39, 'Sports Nutritionist', '12 years of experience in sports nutrition and dietary planning.', 'Nutritionist', 'Designs specialized nutrition plans for athletes for optimal performance.');

INSERT INTO Matches (Date, Location, Opponent, Competition, MatchOfficials, Lineup, MatchStatistics)

VALUES

('2023-06-01', 'Santiago Bernabeu', 'Barcelona', 'La Liga', 'John Smith, Emily Johnson', 'Lineup details for Real Madrid', 'Match statistics for Real Madrid vs Barcelona'),

('2023-06-08', 'Estadio Azteca', 'Club America', 'Friendly', 'Michael Davis, Sarah Wilson', 'Lineup details for Real Madrid', 'Match statistics for Real Madrid vs Club America'),

('2023-06-15', 'Wembley Stadium', 'Manchester United', 'Champions League', 'David Roberts, Emily Johnson', 'Lineup details for Real Madrid', 'Match statistics for Real Madrid vs Manchester United'),

('2023-06-22', 'Allianz Arena', 'Bayern Munich', 'International Champions Cup', 'John Smith, Michael Davis', 'Lineup details for Real Madrid', 'Match statistics for Real Madrid vs Bayern Munich'),

('2023-06-30', 'San Siro', 'AC Milan', 'UEFA Super Cup', 'Sarah Wilson, David Roberts', 'Lineup details for Real Madrid', 'Match statistics for Real Madrid vs AC Milan');

INSERT INTO Finance (Report\_id, Budget, Revenue, Expenses, SponsorshipDeals, TVRights, TicketSales, MerchandiseSales, PlayerSalaries, FinancialReports)

VALUES

(1, 10000000.00, 15000000.00, 8000000.00, 5000000.00, 2000000.00, 3000000.00, 4000000.00, 6000000.00, 'Financial report for the first quarter of 2023.'),

(2, 12000000.00, 18000000.00, 9000000.00, 6000000.00, 2500000.00, 3500000.00, 4500000.00, 7000000.00, 'Financial report for the second quarter of 2023.'),

(3, 11000000.00, 16000000.00, 8500000.00, 5500000.00, 2300000.00, 3200000.00, 4200000.00, 6500000.00, 'Financial report for the third quarter of 2023.'),

(4, 13000000.00, 20000000.00, 9500000.00, 7000000.00, 2700000.00, 3700000.00, 4700000.00, 7500000.00, 'Financial report for the fourth quarter of 2023.'),

(5, 14000000.00, 22000000.00, 10000000.00, 7500000.00, 3000000.00, 4000000.00, 5000000.00, 8000000.00, 'Financial report for the full year of 2023.');

INSERT INTO TransferMarket (transfer\_id, PlayerTransfers, LoanDeals, TransferRumors, ContractNegotiations, TransferFees)

VALUES

(1, 'Cristiano Ronaldo to Al Nassr', NULL, NULL, NULL, 15000000.00),

(2, 'Lionel Messi to Inter Miami', NULL, NULL, NULL, 10000000.00),

(3, 'Karim Benzema to Al Ittihad', NULL, NULL, NULL, 8000000.00),

(4, NULL, 'Martin Odegaard on loan to Arsenal', NULL, NULL, NULL),

(5, NULL, 'Joao Felix on loan to Chelsea', NULL, NULL, NULL);

UPDATE Club

SET Location = 'London'

WHERE Name = 'Chelsea FC';

UPDATE Team

SET Coach = 'Jurgen Klopp'

WHERE Name = 'Liverpool FC';

UPDATE MedicalStaff

SET Qualification = 'Sports Physiotherapist'

WHERE med\_staff\_id = 1;

UPDATE Team

SET MatchSchedule = '2023-06-20: vs. Manchester United, 2023-06-25: vs. Arsenal'

WHERE Name = 'Real Madrid';

UPDATE Finance

SET Budget = 1000000.00

WHERE Report\_id = 1;

UPDATE Coaches

SET CoachingStyle = 'Attacking'

WHERE CoachID = 2;

UPDATE MedicalStaff

SET InjuryRecoveryManagement = 'Specializes in rehabilitation after ACL injuries'

WHERE med\_staff\_id = 3;

UPDATE Finance

SET PlayerSalaries = 7500000.00

WHERE Report\_id = 2;

UPDATE TransferMarket

SET TransferFees = 5000000.00

WHERE transfer\_id = 1;

**PHASE 4**

#Q1 Select command

SELECT \* FROM Club;

SELECT \* FROM Matches;

SELECT \* FROM Team;

SELECT \*

FROM Coaches

WHERE Club\_Name = 'Liverpool';

SELECT MatchSchedule

FROM Team

WHERE Name = 'Barcelona';

#Q2 Cases

SELECT name, position,

CASE

WHEN position IN ('Forward', 'Striker', 'Winger') THEN 'Attacker'

WHEN position IN ('Defender', 'Center-back', 'Full-back') THEN 'Defender'

ELSE 'Other'

END AS category

FROM Players;

SELECT name, age,

CASE

WHEN age < 25 THEN 'Young'

WHEN age >= 25 THEN 'Old'

ELSE 'Unknown'

END AS age\_category

FROM Players;

SELECT name, Location,

CASE

WHEN location IN ('Manchester, England') THEN 'United Kingdom'

WHEN location IN ('Barcelona, Spain','Madrid, Spain','Turin, Italy','Munich, Germany') THEN 'Rest of Europe'

ELSE 'Unknown'

END AS loc\_category

FROM Club;

SELECT name, age,

CASE

WHEN age >= 50 THEN 'Experienced'

WHEN age < 50 AND age >= 30 THEN 'Intermediate'

WHEN age < 30 THEN 'Beginner'

ELSE 'Unknown'

END AS experience\_category

FROM Coaches;

SELECT Competition,Opponent,

CASE

WHEN Competition IN ('Friendly','International Champions Cup') then 'NOT IMPORTANT'

ELSE 'IMPORTANT'

END AS Importance

FROM Matches;

#Q3 Aggergate Functions

SELECT Min(age) AS youngest\_age

FROM players;

SELECT COUNT(\*) AS total\_teams FROM Team;

SELECT AVG(Age) AS average\_age FROM Players;

SELECT max(budget) AS max\_budget FROM Finance;

SELECT SUM(TransferFees) AS total\_fees

FROM TransferMarket;

#Q4 Joins

select \*

from club as c

left join players as p

on c.name=p.club\_name;

select \*

from coaches as c

left join players as p

on c.coachid=p.coachid;

select \*

from club as c

left join coaches as p

on c.name=p.club\_name;

select \*

from club as c

left join administration as a

on c.staffid=a.staffid;

#Q5 views

create view date\_of\_establishment as

select EstablishmentDate,c.name

from club as c

left join coaches as p

on c.name=p.club\_name;

select \* from date\_of\_establishment;

create view Club\_data as

select c.name,c.Chairman

from club as c

left join players as p

on c.name=p.club\_name;

select \* from club\_data;

create view coaches\_data as

select c.name,c.coachid,c.age,c.nationality

from coaches as c

left join players as p

on c.coachid=p.coachid;

select \* from date\_of\_establishment;

create view directors as

select c.name,c.BoardOfDirectors

from club as c

left join administration as a

on c.staffid=a.staffid;

select \* from directors;

#Q6 Correlated Queries

SELECT \* from players where age=(select Max(age) AS oldest\_age from players);

SELECT \* from coaches where age>(select Min(age) AS youngest\_age from coaches);

SELECT \* from players where shirtnumber not in(select ShirtNumber from coaches where shirtnumber ='10');

SELECT c.name,c.location,c.chairman from club as c join team as t where c.name in(select name from club where name ='Juventus') limit 1;

#Q7 Procedures

call schedule('Real Madrid');

#CREATE DEFINER=`root`@`localhost` PROCEDURE `name\_of\_club`()

#BEGIN

#select \*

#from club as c

#left join players as p

#on c.name=p.club\_name;

#END

call name\_of\_club();

#CREATE DEFINER=`root`@`localhost` PROCEDURE `average\_age`()

#BEGIN

#SELECT AVG(Age) AS average\_age FROM Players;

#END

call average\_age();

#CREATE DEFINER=`root`@`localhost` PROCEDURE `club\_data`(in x varchar(255),out y varchar(255))

#BEGIN

#select c.chairman into y

#from club as c

#left join coaches as p

#on c.name=p.club\_name

#where c.name='Real Madrid';

#END

call club\_data('Bayern Munich',@y);

select @y;