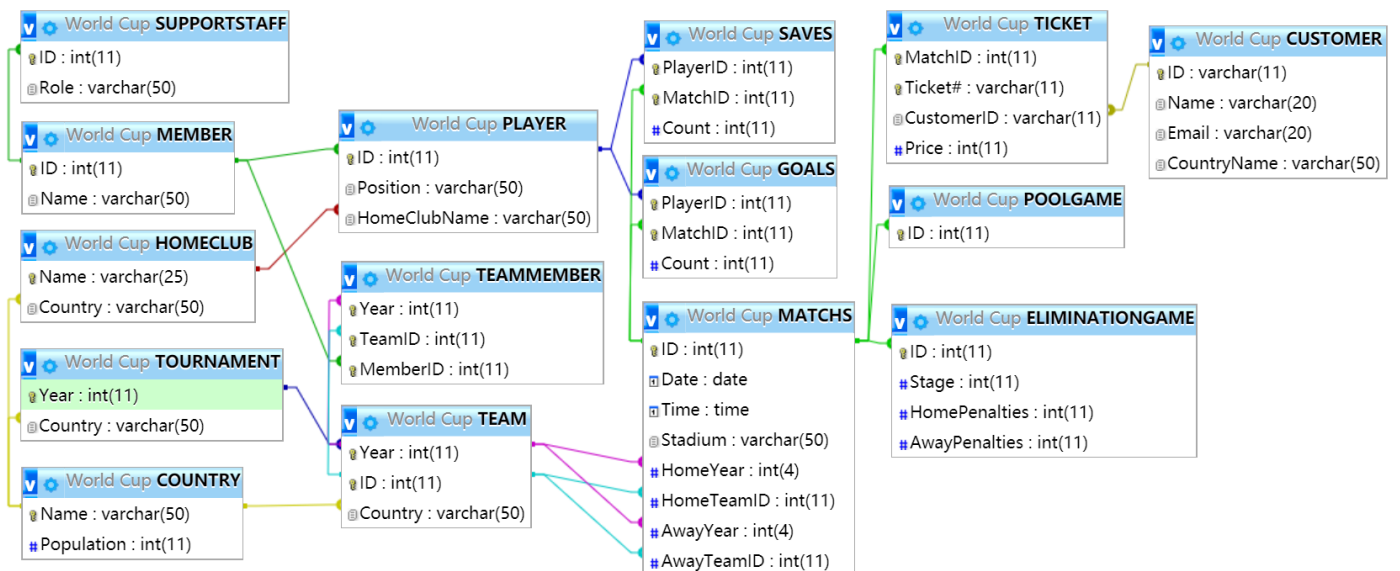


Assignment 2 Template

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SCREENSHOT OF DESIGNER VIEW FROM PHPMYADMIN (You may put this in sideways if required)



Query 1: Find all the Australian Players that played in the 2018 World Cup

```
CREATE VIEW Q1 (ID) AS
```

```
SELECT P.ID
```

```
FROM PLAYER P, TEAM T, TEAMMEMBER TM
```

```
WHERE T.Country = 'Australia' AND TM.Year = '2018' AND P.ID = TM.MemberID AND TM.TeamID = T.ID
```

QUERY OUTPUT (SCREENSHOT)



ID

2



10

Query 2: Find the players that have never scored a goal

```
CREATE VIEW Q2 (ID, Name) AS  
SELECT DISTINCT PLAYER.ID, MEMBER.Name  
FROM PLAYER, GOALS, MEMBER  
WHERE (PLAYER.ID NOT IN (SELECT PlayerID FROM GOALS)  
      OR (GOALS.Count = '0' AND PLAYER.ID = GOALS.PlayerID))  
      AND PLAYER.ID = MEMBER.ID
```

QUERY OUTPUT (SCREENSHOT)

ID	Name
2	Abdul
10	James
6	Malcolm
1	Aaron
3	Padgett

Query 3: Find all the pool games played by host countries

```
CREATE VIEW Q3 (ID) AS
SELECT DISTINCT M.ID
FROM TOURNAMENT TN, POOLGAME P, TEAM T, MATCHS M
WHERE TN.Year = T.Year
      AND TN.Country = T.Country
      AND P.ID = M.ID
      AND (T.ID = M.HomeTeamID OR T.ID = M.AwayTeamID)
      AND M.HomeYear = TN.Year
```

QUERY OUTPUT (SCREENSHOT)

ID
12312
12345
12354

Query 4: Find all the Australian players linked to an English club team

```
CREATE VIEW Q4 (ID, Name) AS  
SELECT DISTINCT P.ID, M.Name  
FROM PLAYER P, HOMECLUB H, TEAMMEMBER TM, TEAM T, MEMBER M  
WHERE P.ID = TM.MemberID  
      AND TM.TeamID = T.ID  
      AND TM.Year = T.Year AND T.Country='Australia'  
      AND P.HomeClubName = H.Name  
      AND H.Country = 'England'  
      AND M.ID = P.ID
```

QUERY OUTPUT (SCREENSHOT)

ID	Name
2	Abdul
10	James

Query 5: Rank the teams by the number of support staff attending the 2018 World Cup

```
CREATE VIEW Q5 (TeamID, Number) AS  
SELECT T.TeamID, count(*)  
FROM SUPPORTSTAFF S, MEMBER M, TEAMMEMBER T  
WHERE S.ID = M.ID AND T.Year = 2018 AND T.MemberID = M.ID  
GROUP BY T.TeamID  
ORDER BY T.TeamID
```

QUERY OUTPUT (SCREENSHOT)

TeamID	Number
124	1

Query 6: Find the names & number of goals saved by all players

```
CREATE VIEW Q6 (Name, Sum) AS  
SELECT M.Name, SUM(S.Count)  
FROM SAVES S, MEMBER M  
WHERE M.ID = S.PlayerID  
GROUP BY S.PlayerID
```

QUERY OUTPUT (SCREENSHOT)

Name	Sum
Aaron	1
Abdul	1
Padgett	1
Tom	2
Malcolm	2

Query 7: Find the game that sold the most tickets

```
CREATE VIEW Q7 (MatchID) AS  
SELECT T.MatchID  
FROM TICKET T  
GROUP BY T.MatchID  
HAVING count(*) >= ALL (SELECT count(*)  
                        FROM TICKET  
                        GROUP BY MatchID)
```

QUERY OUTPUT (SCREENSHOT)

A screenshot of a query result. It shows a single column header "MatchID" in a bold, blue, sans-serif font. The text is centered within a light gray rectangular box that has a subtle gradient and a slight shadow.A screenshot of a query result. It shows a single row of data with the value "12332". The text is in a large, bold, blue, sans-serif font, matching the style of the column header above it.

Query 8: Find the player who scored the most goals in elimination games

```
CREATE VIEW Q8 (PlayerID) AS  
SELECT G.PlayerID  
FROM GOALS G, ELIMINATIONGAME E  
WHERE E.ID = G.MatchID  
GROUP BY G.PlayerID  
HAVING SUM(G.Count) >= ALL(SELECT SUM(G.Count)  
FROM GOALS G, ELIMINATIONGAME E  
WHERE E.ID = G.MatchID  
GROUP BY G.PlayerID)
```

QUERY OUTPUT (SCREENSHOT)

A screenshot of a database query result. It shows a single column header "PlayerID" in a bold, blue, sans-serif font. Below the header, the number "3" is displayed in a large, bold, blue, sans-serif font. The background of the screenshot is a light gray gradient.

3

Query 9: Find teams that have played in all World Cups

```
CREATE VIEW Q9 (Name) AS  
SELECT Name  
FROM COUNTRY  
WHERE NOT EXISTS(SELECT Country  
                  From TOURNAMENT  
                  WHERE NOT EXISTS(SELECT Country  
                                    FROM TEAM  
                                    WHERE TOURNAMENT.Year = TEAM.Year  
                                    AND TEAM.Country = COUNTRY.Name))
```

QUERY OUTPUT (SCREENSHOT)



Name

France

Germany

Query 10: Find players have played in all of Iceland's games

```
CREATE VIEW Q10 (Name) AS  
SELECT DISTINCT MM.Name  
FROM MATCHS M, GOALS G, PLAYER P, TEAMMEMBER TM, TEAM T, MEMBER MM  
WHERE M.ID = (SELECT M.ID FROM MATCHS M, TEAM T WHERE T.Country = 'Iceland'  
              AND (T.ID = M.HomeTeamID OR T.ID = M.AwayTeamID))  
              AND P.ID = G.PlayerID  
              AND G.PlayerID = MM.ID
```

QUERY OUTPUT (SCREENSHOT)

Name

Tom

Padgett

Fabian

Abdul