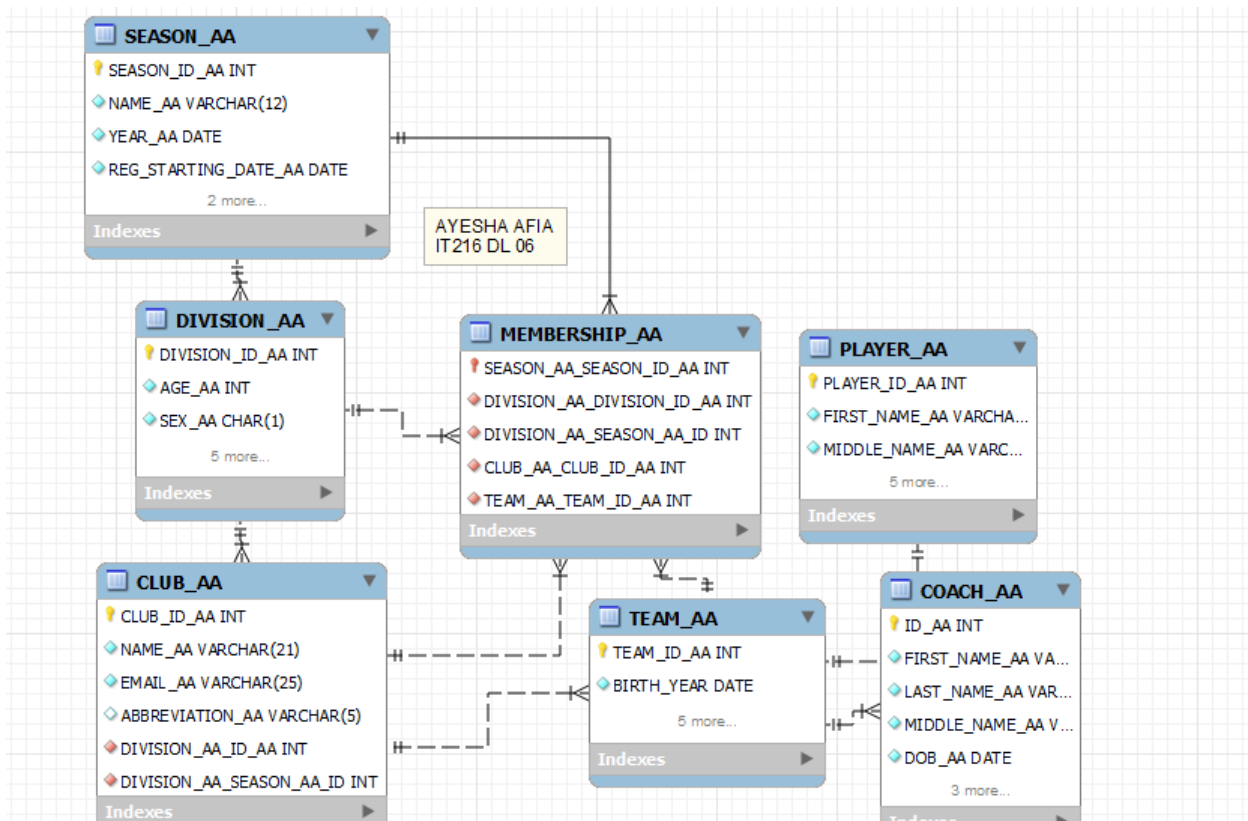


Ayesha Afia
IT214 DL6
S5 Assignment 1

TASK 1 - ERD MODEL



TASK 2 - CREATE DATABASE

- 1 # Task 2 create database by Ayesha Afia
- 2 • DROP DATABASE IF EXISTS S3_A1_Afia_Ayesha;
- 3 • CREATE DATABASE IF NOT EXISTS S3_A1_Afia_Ayesha;
- 4 • USE S3_A1_Afia_Ayesha;
- 5

Action Output			
#	Time	Action	Message
1	18:46:57	DROP DATABASE IF EXISTS S3_A1_Afia_Ayesha	0 row(s) affected, 1 warning(s): 1008 Can't drop database 's3_a1_afia_ayesha'; database doesn't exist
2	18:46:57	CREATE DATABASE IF NOT EXISTS S3_A1_Afia_Ayesha	1 row(s) affected
3	18:46:57	USE S3_A1_Afia_Ayesha	0 row(s) affected

TASK 3 - CREATE TABLES

- ```
CREATE TABLE SEASON_AA(
 SEASON_ID_AA INT PRIMARY KEY,
 NAME_AA VARCHAR (12) NOT NULL,
 YEAR_AA DATE NOT NULL,
 REG_STARTING_DATE_AA DATE NOT NULL,
 REG_ENDING_DATE_AA DATE NOT NULL
);
```

- ```
CREATE TABLE DIVISION_AA(  
    DIVISION_ID_AA INT PRIMARY KEY,  
    AGE_AA INT NOT NULL,  
    SEX_AA CHAR(1) NOT NULL,  
    RANK_AA INT NOT NULL,
```

```
    AGE_AA INT NOT NULL,  
    SEX_AA CHAR(1) NOT NULL,  
    RANK_AA INT NOT NULL,  
    EMAIL_AA VARCHAR (25) NOT NULL,  
    PHONE_AA CHAR(12) NOT NULL,  
    FOREIGN KEY(DIVISION_AA_DIVISION_ID_AA) REFERENCES DIVISION_AA(SEASON_ID_AA)  
);
```

- ```
CREATE TABLE CLUB_AA(
 CLUB_ID_AA INT PRIMARY KEY,
 NAME_AA VARCHAR(21) NOT NULL,
 EMAIL_AA VARCHAR(25) NOT NULL,
 ABBREVIATION_AA CHAR(5)

);
```

- ```
CREATE TABLE TEAM_AA(  
    TEAM_ID_AA INT PRIMARY KEY,  
    BIRTH_YEAR_AA DATE NOT NULL,  
    SEX_AA CHAR(1) NOT NULL,  
    NAME_AA VARCHAR(21) NOT NULL,  
    EMAIL_AA VARCHAR (25) NOT NULL,  
    PHONE_AA CHAR(12) NOT NULL,  
    FOREIGN KEY(Team_AA_TEAM_ID_AA) REFERENCES TEAM_AA(Club_ID_AA)  
);
```

Action Output				
#	Time	Action	Message	
✓	5	19:04:07	CREATE DATABASE IF NOT EXISTS S3_A1_Afia_Ayesha	1 row(s) affected
✓	6	19:04:07	USE S3_A1_Afia_Ayesha	0 row(s) affected
✓	7	19:04:07	SHOW DATABASES	11 row(s) returned
✓	8	19:04:07	SHOW TABLES	0 row(s) returned
✓	9	19:04:08	CREATE TABLE SEASON_AA(SEASON_ID_AA INT PRIMARY KEY, NAME_AA VARCHAR...	0 row(s) affected
✗	10	19:04:08	CREATE TABLE DIVISION_AA(DIVISION_ID_AA INT PRIMARY KEY, AGE_AA INT NO...	Error Code: 1072. Key column 'DIVISION_AA_DIVISION_ID_AA' doesn't exist in table

TASK 4

53 **#Task 5 Ayesha Afia**

54 • **INSERT INTO SEASON VALUES**

```
55      ('100', '2018-06-01', '2018-07-25', '2018-03-25', '2018-04-12', 'Summer', '2018'),
56      ('101', '2018-09-04', '2018-10-31', '2018-07-25', '2018-08-15', 'FALL', '2018'),
57      ('102', '2018-07-05', '2018-08-25', '2018-04-25', '2018-05-12', 'Summer', '2018'),
58      ('103', '2019-02-16', '2019-04-25', '2018-12-21', '2018-01-12', 'Spring', '2019'),
59      ('104', '2018-11-01', '2018-12-23', '2018-09-25', '2018-10-12', 'Winter', '2020');
```

60

61 • **INSERT INTO DIVISION VALUES**

```
62      ('105', 'U14', 'Boys', '1', '123@email.com', '111-222-3333', '100'),
63      ('106', 'U17', 'Girls', '1', '1234@email.com', '222-333-4444', '104'),
64      ('107', 'U14', 'Boys', '4', '12345@email.com', '333-444-5555', '100'),
65      ('108', 'U17', 'Girls', '2', '123456@email.com', '444-555-6666', '103'),
66      ('109', 'U21', 'Girls', '5', '1234567@email.com', '555-667-7777', '101');
```

67

68 • **INSERT INTO CLUB VALUES**

```
69      ('110', 'FC ', 'FCB@email.com', '999-888-7777', 'FCB'),
70      ('111', 'RO', 'RMA@email.com', '777-888-9999', 'RMA'),
71      ('112', 'MI', 'MANU@email.com', '333-999-1111', 'MAN_U'),
72      ('113', 'BM', 'LV@email.com', '888-222-3333', 'LV' ),
73      ('114', 'AC', 'ACM@email.com', '555-777-2345', 'ACM' );
```

74

75 • **INSERT INTO SEASON VALUES**

```
76      ('115', '2018-06-01', '2018-07-25', '2018-03-25', '2018-04-12', 'Summer', '2018'),
77      ('116', '2018-09-04', '2018-10-31', '2018-07-25', '2018-08-15', 'FALL', '2018'),
78      ('117', '2018-07-05', '2018-08-25', '2018-04-25', '2018-05-12', 'Summer', '2018'),
79      ('118', '2019-02-16', '2019-04-25', '2018-12-21', '2018-01-12', 'Spring', '2019'),
80      ('119', '2018-11-01', '2018-12-23', '2018-09-25', '2018-10-12', 'Winter', '2020');
```

81

82 • **INSERT INTO MANAGER VALUES**

```
83      ('120', 'Ronald Koeman', '234-567-8901', 'RK@email.com' ),
```

```

31
32 • INSERT INTO MANAGER VALUES
33 ('120', 'Ronald Koeman', '234-567-8901', 'RK@email.com' ),
34 ('121', ' Mary Markson', '703-000-1111', 'ZZ@email.com' ),
35 ('122', 'Oliver Gunner', '917-000-2345', 'OLGS@mail.com' ),
36 ('123', 'George Klopp', '111-222-3333', 'JK@mail.com' ),
37 ('124', 'Stefano Pioli', '999-000-3335', 'SP@mail.com' );
38
39 • INSERT INTO TEAM VALUES
40 ('125', '2005', 'Boys', '', '110', '120'),
41 ('126', '2002', 'Girls', '', '110', '121'),
42 ('127', '2006', 'Boys', '', '113', '122'),
43 ('128', '2003', 'Girls', '', '114', '123'),
44 ('129', '2000', 'Girls', '', '112', '124');
45

```

TASK 5

```

49 • SELECT * FROM SEASON;
50 • SELECT * FROM DIVISION;
51 • SELECT * FROM CLUB;
52 • SELECT * FROM MANAGER;
53 • SELECT * FROM TEAM;
54 • SELECT * FROM ASSIGNMENT;
55 #Task 5 Ayesha Afia
56 • select count(*) as "number of games" from (select distinct season_start_date from season) as something;
57 • select count(*) as "total number of teams playing " from (select distinct Club_club_id from team) as diffe
58 • select count(*) as "total number of teams enrolled" from (select distinct team_name from team) as somethin
59 • select count(*) as "total numbers of wins" from division where division_rank <4;
60

```

	total numbers of wins
▶	3