**Assignment V**

**DATABASE DESIGN Z511**

**FNU ANIRUDH**

**Description**

Cricket is a bat-and-ball game played between two teams of 11 players each on a field at the centre of which is a rectangular 22-yard-long pitch. My Database contains list of nations that play cricket their ranking, total points and ratings, list of Top 10 Batsman and Bowlers with their team ratings and style of playing. My database also contains capitals of cricket playing nation and their continent.

**TABLES**

1. **Team: -** This table contains list of cricket playing nations, their ranking, number of matches played, total points and their ratings.
2. **Batsman: -** This table contains list of top 10 batsman, their batting style and their team ratings.
3. **Bowler: -** This table contains list of top 10 bowlers, their bowling style and their team ratings.
4. **Continent: -** This table contains capitals of cricket playing nations and continent they are in.

**QUERIES FOR CREATING TABLE**

**1. Creating the Database and creating table Nations**

CREATE DATABASE Cricket;

CREATE TABLE Nations

(

Country VARCHAR(255),

Rank INT,

Matches INT,

Points INT,

Ratings INT);

**2. Inserting values into the Team Database**

INSERT INTO Nations(Country,Rank,Matches,Points,Ratings)

VALUES

('Australia',1,43,4823,112),

('India',2,32,3535,110),

('South Africa',3,34,3703,109),

('Pakistan',4,28,2977,106),

('England',5,45,4610,102),

('New Zealand',6,39,3755,96),

('Srilanka',7,35,3123,89),

('West Indies',8,33,2504,76),

('Bangladesh',9,22,1026,47),

('Zimbabwe',10,10,53,5);

SELECT \*FROM Nations;

**3. Creating the table Batsman**

CREATE TABLE Batsman

(

Name VARCHAR(255),

Type VARCHAR(255),

Ratings INT);

**4. Inserting values into Batsman**

INSERT INTO Batsman(Name,Type,Ratings)

VALUES

('Steve Smith','Right Hand Batsman',112),

('Joe Root','Right Hand Batsman',102),

('Kane Williamson','Right Hand Batsman',96),

('Hashim Amla','Right Hand Batsman',109),

('Younus Khan','Right Hand Batsman',106),

('AB de Villiers','Right Hand Batsman',109),

('Adam Vogues','Right Hand Batsman',112),

('Angelo Matthews','Right Hand Batsman',89),

('David Warner','Left Hand Batsman',112),

('Misbah ul Haq','Right Hand Batsman',106);

SELECT \*FROM Batsman;

**5. Creating Table Bowler**

CREATE TABLE Bowler

(

Name VARCHAR(255),

Type VARCHAR(255),

Ratings INT);

**6. Inserting values into Table**

INSERT INTO Bowler(Name,Type,Ratings)

VALUES

('Stuart Broad','Right Arm Fast',102),

('R Ashwin','Right Arm Off Spin',110),

('Yasir Shah','Right Arm Fast',106),

('Dale Steyn','Right Arm Fast',109),

('James Anderson','Right Arm Fast',102),

('Ravindra Jadeja','Left Arm Off Spin',110),

('Trent Boult','Left Arm Fast',96),

('JR Hazelwood','Right Arm Fast',112),

('Morne Morkel','Right Arm Fast',109),

('Vernon Philander','Right Arm Fast',109);

SELECT \*FROM Bowler;

**7. Creating Table Continent**

CREATE TABLE Continent

(

Country VARCHAR(255),

Capital VARCHAR(255),

Continent VARCHAR(255)

);

**8. Inserting values into Continent**

INSERT INTO Continent (Country, Capital, Continent)

VALUES

('Australia','Canberra','Australian Continent'),

('Bangladesh','Dhaka','Asia'),

('England','London','Europe'),

('India','New Delhi','Asia'),

('New Zealand','Wellington','Australian Continent'),

('Pakistan','Islamabad','Asia'),

('South Africa','Cape Town','Africa'),

('Srilanka','Colombo','Asia'),

('West Indies','Trinidad','North America'),

('Zimbabwe','Harare','Africa');