**Topic: Cricket Management System**

create database **cricket\_management\_system**;

use **cricket\_management\_system**;

create table Coaches(

Coach\_ID int primary key,

Coach\_Name varchar (50),

Nationality varchar (50),

Role varchar (50),

Experience int,

Speciality varchar(50),

Date\_joined date,

Tournament\_Wins int,

Current\_on\_Duty boolean

);

Create table Stadiums (

Stadium\_ID int primary key,

Name varchar(50),

Country\_Name varchar(50),

Capacity int,

Currently\_in\_Use boolean,

VIP\_Seats int

);

CREATE TABLE Teams(

Team\_ID int primary key,

Name varchar(50),

Coach\_ID int,

Captain\_ID int ,

No\_of\_Wins int,

No\_of\_Loses int,

No\_od\_Draws int,

No\_of\_Bowlers int,

No\_of\_Batsman int,

foreign key (Coach\_ID) references Coaches (Coach\_ID)

);

CREATE TABLE Players(

Player\_ID int primary key,

Name varchar (50),

Date\_of\_Birth date,

Nationality varchar(50),

Team\_ID int,

No\_of\_Worldcups int,

No\_of\_Matches int,

Role varchar(50),

Batting\_Average float,

Batting\_Style varchar(50),

Bowling\_Average float,

Bowling\_Style varchar(50),

foreign key (Team\_ID) references Teams(Team\_ID)

);

CREATE TABLE Match\_Summery(

Match\_ID int primary key ,

Match\_Name varchar(50),

Match\_Date date,

Stadium\_ID int,

Team1\_ID int,

Team2\_ID int,

Winner\_ID int,

Man\_of\_the\_Match\_ID int,

foreign key (Stadium\_ID) references Stadiums(Stadium\_ID),

foreign key (Team1\_ID) references Teams(Team\_ID),

foreign key (Team2\_ID) references Teams(Team\_ID),

foreign key (Winner\_ID) references Teams(Team\_ID),

foreign key (Man\_of\_the\_Match\_ID) references Players(Player\_ID)

);

CREATE TABLE Bowling\_Statistics (

Bowling\_Rank int,

Player\_ID int,

Match\_ID int,

Overs\_Bowled float,

Runs\_Conceded int,

Wicket\_taken int ,

Bowling\_Average float,

foreign key (Player\_ID)references Players(Player\_ID),

foreign key (Match\_ID)references Match\_Summery (Match\_ID)

);

CREATE TABLE Batting\_Statistics (

Batting\_Rank int,

Player\_ID int,

Match\_ID int,

Runs\_Scored int,

Balls\_Faced int,

strike\_Rate float ,

Batting\_Average float,

foreign key (Player\_ID)references Players(Player\_ID),

foreign key (Match\_ID)references Match\_Summery (Match\_ID)

);

CREATE TABLE Rankings(

Team\_ID int,

Team\_Name varchar(50),

Ranking int,

Points int,

foreign key(Team\_ID) references Teams(Team\_ID)

);

CREATE TABLE Tournaments(

Tournament\_ID int primary key,

Nmae varchar(50),

Start\_Date date,

End\_Date date,

Format varchar(50),

No\_of\_Teams int,

No\_of\_Total\_Matches int,

No\_of\_Each\_Team\_Matches int

);

CREATE TABLE Umpire (

Umpire\_ID int primary key,

Name varchar (50),

Nationality varchar(50),

Experience int,

Umpire\_Level varchar (50)

);