**Country Table:**

CREATE TABLE tblCOUNTRY (

CountryID INTEGER IDENTITY(1,1) PRIMARY KEY,

RegionID INTEGER,

CountryName VARCHAR(30)

)

GO

ALTER TABLE tblCOUNTRY

ADD CONSTRAINT FK\_Region

FOREIGN KEY (RegionID) REFERENCES REGION(RegionID)

GO

**Statistic Table:**

CREATE TABLE tblSTATISTIC (

StatID INTEGER IDENTITY(1,1) PRIMARY KEY,

StatTypeID INTEGER,

StatValue NUMERIC(7,2)

)

GO

ALTER TABLE tblSTATISTIC

ADD CONSTRAINT FK\_Statistic\_Type

FOREIGN KEY (StatTypeID) REFERENCES STATISTIC\_TYPE(StatTypeID)

GO

**PERSON\_ROSTER Table:**

CREATE TABLE tblPERSON\_ROSTER (

PersonRosterID INTEGER IDENTITY(1,1) PRIMARY KEY,

PersonID INTEGER,

RosterID INTEGER,

BeginDate DATE,

EndDate DATE

)

GO

ALTER TABLE tblPERSON\_ROSTER

ADD CONSTRAINT FK\_Person

FOREIGN KEY (PersonID) REFERENCES PERSON(PersonID)

GO

ALTER TABLE tblPERSON\_ROSTER

ADD CONSTRAINT FK\_Roster

FOREIGN KEY (RosterID) REFERENCES ROSTER(RosterID)

GO

**ROSTER Table:**

CREATE TABLE tblROSTER (

RosterID INT IDENTITY(1, 1) PRIMARY KEY,

TeamID INT NOT NULL,

RoleID INT NOT NULL,

RosterName VARCHAR(30)

)

GO

ALTER TABLE tblROSTER

ADD CONSTRAINT FK\_Team

FOREIGN KEY (TeamID) REFERENCES TEAM(TeamID)

GO

ALTER TABLE tblROSTER

ADD CONSTRAINT FK\_Roster\_RoleID

FOREIGN KEY (RoleID)

REFERENCES [ROLE] (RoleID)

GO

**Region Table:**

CREATE TABLE tblREGION(

RegionID INT IDENTITY (1,1) PRIMARY KEY,

Region varchar(50) NOT NULL)

GO

**Role Table:**

CREATE TABLE tblROLE(

RoleID INT IDENTITY (1,1) PRIMARY KEY,

RoleName varchar(50) NOT NULL,

Salary NUMERIC(9,2))

GO

CREATE TABLE tblGAME (

GameID INT IDENTITY(1, 1) PRIMARY KEY,

GameName VARCHAR(100) NOT NULL,

)

GO

CREATE TABLE tblPLATFORM (

PlatformID INT IDENTITY(1, 1) PRIMARY KEY,

GamePlatform VARCHAR(60) NOT NULL

)

GO

CREATE TABLE tblDEVELOPER (

DeveloperID INT IDENTITY(1, 1) PRIMARY KEY,

Developer VARCHAR(60) NOT NULL

)

GO

CREATE TABLE tblREGION(

RegionID INT IDENTITY (1,1) PRIMARY KEY,

Region varchar(50) NOT NULL

)

GO

CREATE TABLE tblROLE(

RoleID INT IDENTITY (1,1) PRIMARY KEY,

RoleName varchar(50) NOT NULL,

Salary NUMERIC(9,2)

)

GO

CREATE TABLE tblROUND (

RoundID INTEGER IDENTITY(1,1) PRIMARY KEY,

RoundType varchar(30) NOT NULL

)

GO

CREATE TABLE tblSTADIUM(

StadiumID INTEGER IDENTITY(1,1) PRIMARY KEY,

StadiumCapacity INT,

StadiumName varchar(30) NOT NULL,

StadiumCountry varchar(30) NOT NULL

)

GO

CREATE TABLE tblGENDER(

GenderID INT IDENTITY(1,1) PRIMARY KEY,

GenderName VARCHAR(30) NOT NULL

)

GO

CREATE TABLE tblTEAM(

TeamID INT IDENTITY(1,1) PRIMARY KEY,

TeamName VARCHAR(30) NOT NULL,

Founded DATE,

TeamEmail VARCHAR(50) NOT NULL,

TeamLogo VARCHAR(50) NOT NULL

)

GO

CREATE TABLE tblSTATISTIC\_TYPE(

StatTypeID INT IDENTITY(1,1) PRIMARY KEY,

StatisticTypeName VARCHAR(30) NOT NULL,

StatisticTypeDesc VARCHAR(100) NULL

)

GO

CREATE TABLE tblPERSON(

PersonID INT IDENTITY(1, 1) PRIMARY KEY,

GenderID INT NOT NULL,

CountryID INT NOT NULL,

FirstName VARCHAR(60) NOT NULL,

LastName VARCHAR(60) NOT NULL,

PersonBirth DATE NOT NULL,

SocialMedia VARCHAR(120)

)

GO

CREATE TABLE tblGAME\_PLATFORM (

GamePlatformID INT IDENTITY(1, 1) PRIMARY KEY,

GameID INT NOT NULL ,

PlatformID INT NOT NULL,

PublishDate DATE

)

GO

ALTER TABLE tblGAME\_PLATFORM

ADD CONSTRAINT FK\_Game\_Platform\_GameID

FOREIGN KEY (GameID)

REFERENCES GAME(GameID)

GO

ALTER TABLE tblGAME\_PLATFORM

ADD CONSTRAINT FK\_Game\_Platform\_PlatformID

FOREIGN KEY (PlatformID)

REFERENCES PLATFORM(PlatformID)

GO

CREATE TABLE tblGAME\_DEVELOPER (

GameDeveloperID INT IDENTITY(1, 1) PRIMARY KEY,

GamePlatformID INT NOT NULL,

DeveloperID INT NOT NULL

)

GO

ALTER TABLE tblGAME\_DEVELOPER

ADD CONSTRAINT FK\_Game\_Developer\_DeveloperID

FOREIGN KEY (DeveloperID)

REFERENCES DEVELOPER(DeveloperID)

GO

ALTER TABLE tblGAME\_DEVELOPER

ADD CONSTRAINT FK\_Game\_Developer\_GamePlatformID

FOREIGN KEY (GamePlatformID)

REFERENCES GAME\_PLATFORM(GamePlatformID)

GO

CREATE TABLE tblROSTER\_ROUND (

RosterRoundID INT IDENTITY(1, 1) PRIMARY KEY,

RosterID INT NOT NULL,

RoundID INT NOT NULL,

TournamentID INT NOT NULL,

Winner VARCHAR(60) ,

Loser VARCHAR(60),

StartTime SMALLDATETIME NOT NULL,

EndTime SMALLDATETIME

)

GO

ALTER TABLE tblROSTER\_ROUND

ADD CONSTRAINT FK\_Roster\_Round\_RoundID

FOREIGN KEY (RoundID)

REFERENCES tblROUND (RoundID)

GO

ALTER TABLE tblROSTER\_ROUND

ADD CONSTRAINT FK\_Roster\_Round\_RosterID

FOREIGN KEY (RosterID)

REFERENCES tblROSTER (RosterID)

GO

ALTER TABLE tblROSTER\_ROUND

ADD CONSTRAINT FK\_Roster\_Round\_TournamentID

FOREIGN KEY (TournamentID)

REFERENCES tblTOURNAMENT (TournamentID)

GO

CREATE TABLE tblROSTER\_ROUNDSTAT(

RosterRoundStatID INT IDENTITY(1, 1) PRIMARY KEY,

RosterRoundID INT NOT NULL,

StatID INT NOT NULL,

[DATETIME] DATE NOT NULL

)

GO

ALTER TABLE tblROSTER\_ROUNDSTAT

ADD CONSTRAINT FK\_Roster\_RoundStat\_RosterRoundID

FOREIGN KEY (RosterRoundID)

REFERENCES tblROSTER\_ROUND (RosterRoundID)

GO

ALTER TABLE tblROSTER\_ROUNDSTAT

ADD CONSTRAINT FK\_Roster\_RoundStat\_StatID

FOREIGN KEY (StatID)

REFERENCES tblSTATISTIC (StatID)

GO

ALTER TABLE tblTOURNAMENT

ADD CONSTRAINT FN\_TournamentGamePlatform

FOREIGN KEY (GamePlatformID) REFERENCES tblGAME\_PLATFORM(GamePlatformID);

GO

ALTER TABLE tblTOURNAMENT

ADD CONSTRAINT FK\_TournamentStadium

FOREIGN KEY (StadiumID) REFERENCES tblSTADIUM(StadiumID);

GO