

```
USE BUDT703_Project_0507_15;
```

```
CREATE TABLE Team (  
    temTeamId CHAR(4) NOT NULL,  
    temTeamName VARCHAR(50),  
    temHomeCity Varchar(50),  
    temHomeState CHAR(2)  
    CONSTRAINT pk_Team_teamId PRIMARY KEY (temTeamId)  
);
```

```
CREATE TABLE Player (  
    plrTeamId CHAR (4),  
    plrPlayerId CHAR (4) NOT NULL,  
    plrFirstName VARCHAR (50),  
    plrLastName VARCHAR (50),  
    plrStartYear SMALLINT,  
    plrEndYear SMALLINT,  
    plrHomeCity VARCHAR (50),  
    plrHomeState VARCHAR (50),  
    CONSTRAINT pk_Player_playerId PRIMARY KEY (plrPlayerId),  
    CONSTRAINT fk_Player_teamId FOREIGN KEY (plrTeamId)  
        REFERENCES Team (temTeamId)  
        ON DELETE CASCADE ON UPDATE CASCADE  
);
```

```
CREATE TABLE PlayerStats (  
    plyPlayerId CHAR (4),  
    plyStatId CHAR (5) NOT NULL,  
    plyAvg FLOAT,  
    plySLG FLOAT,  
    plyOB FLOAT,  
    plyERA FLOAT,  
    plyBAVG FLOAT,  
    plyPO SMALLINT,  
    plyA SMALLINT,  
    plyE SMALLINT,  
    plyFLD FLOAT  
    CONSTRAINT pk_PlayerStats_playerId_playerstatId PRIMARY KEY (plyPlayerId,  
PlyStatId),  
    Constraint fk_PlayerStats_playerId FOREIGN KEY (plyPlayerId)  
        REFERENCES Player (plrPlayerID)  
        ON DELETE CASCADE ON UPDATE CASCADE  
);
```

```
CREATE TABLE Schedule (  
    scdMatchId CHAR(4) NOT NULL,  
    scdMatchDate DATE,  
    scdTime TIME,  
    scdCityLocation VARCHAR(30),  
    scdStateLocation VARCHAR(30),  
    scdTournament VARCHAR(50),  
    scdAt VARCHAR(7)  
    CONSTRAINT pk_Schedule_scdMatchId PRIMARY KEY (scdMatchId)  
);
```

```
CREATE TABLE Result (  
    rstResultId CHAR(4) NOT NULL,
```

```

    rstUMDScore SMALLINT,
    rstOppScore SMALLINT,
    rstAttendance INTEGER,
    rstDuration FLOAT,
    rstWeather VARCHAR(30)
    CONSTRAINT pk_Result_rstResultId PRIMARY KEY (rstResultId)
);

```

```

CREATE TABLE Outcome (
    scdMatchId CHAR(4) NOT NULL,
    oppTeamID CHAR(4) NOT NULL,
    rstResultId CHAR(4) NOT NULL,
    Constraint pk_Outcome_scdMatchId_oppTeamId_rstResultId PRIMARY KEY
(scdMatchId, oppTeamId, rstResultId),
    Constraint fk_Outcome_scdMatchId FOREIGN KEY (scdMatchId)
        References Schedule (scdMatchId)
        ON DELETE NO ACTION ON UPDATE CASCADE,
    Constraint fk_Outcome_oppTeamId FOREIGN KEY (oppTeamId)
        References Team (temTeamId)
        ON DELETE NO ACTION ON UPDATE CASCADE,
    Constraint fk_Outcome_rstResultId FOREIGN KEY (rstResultId)
        References Result (rstResultId)
        ON DELETE NO ACTION ON UPDATE CASCADE
);

```