```sql
USE BUDT703_Project_0507_14


CREATE TABLE Location(
  locId CHAR(4) NOT NULL,
  locName VARCHAR(60)
  CONSTRAINT pk_Location_locId PRIMARY KEY (locId)
);

CREATE TABLE Opponent(
  oppId CHAR(4) NOT NULL,
  oppName VARCHAR(60),
  CONSTRAINT pk_Opponent_oppId PRIMARY KEY (oppId)
);


CREATE TABLE Match(
  mthId CHAR(4) NOT NULL,
  mthTimeStamp DATETIME,
  mthLocType VARCHAR(10),
  mthResult CHAR(4),
  locId CHAR(4),
  oppId CHAR(4),
  CONSTRAINT pk_Match_matchId PRIMARY KEY (mthId),
  CONSTRAINT fk_Match_locId FOREIGN KEY (locId)
      REFERENCES [Location](locId)
        ON DELETE SET NULL ON UPDATE CASCADE,
  CONSTRAINT fk_Opponent_oppId FOREIGN KEY (oppId)
      REFERENCES [Opponent](oppId)
        ON DELETE CASCADE ON UPDATE CASCADE
);


CREATE TABLE Score(
  scrId CHAR(5) NOT NULL,
  scrType CHAR(4),
  scrRuns INT,
  scrHits INT,
  scrErrors INT,
  mthId CHAR(4),
  CONSTRAINT pk_Score_scrId PRIMARY KEY (scrId),
  CONSTRAINT fk_Score_mthId FOREIGN KEY (mthId)
      REFERENCES [Match](mthId)
        ON DELETE SET NULL ON UPDATE CASCADE
);


CREATE TABLE Player(
  plrId CHAR(4) NOT NULL,
  mthId CHAR(4) NOT NULL,
  plrName VARCHAR(70),
  plrAtBats INT,
  plrRuns INT,
  plrHits INT,
  plrRunsBattedIn INT,
  plrBasesOnBalls INT,
  CONSTRAINT pk_Player_plrId_mthId PRIMARY KEY (plrId,mthId),
  CONSTRAINT fk_Player_mthId FOREIGN KEY(mthId)
```

```
        REFERENCES [Match](mthId)
        ON DELETE CASCADE ON UPDATE CASCADE
);
```