

Implementation Log

```
CREATE TABLE NBA (  
    taxID INTEGER,  
    PRIMARY KEY(taxID)  
);
```

```
CREATE TABLE Employee(  
    employeeID INTEGER,  
    dateOfBirth DATE,  
    firstName VARCHAR(40),  
    lastName VARCHAR(40),  
    sex VARCHAR(6),  
    FKNBATaxID INTEGER,  
    FKTeamName VARCHAR(40),  
    PRIMARY KEY(employeeID),  
    FOREIGN KEY(FKTeamName) REFERENCES Franchise(teamName),  
    FOREIGN KEY(FKNBATaxID) REFERENCES NBA(taxID)  
);
```

```
CREATE TABLE Player(  
    height INTEGER,  
    rating INTEGER,  
    rings INTEGER,  
    FKEmployeeID INTEGER,  
    FOREIGN KEY(FKEmployeeID) REFERENCES Employee(employeeID)  
);
```

```
CREATE TABLE Staff(  
    role VARCHAR(80),  
    FKEmployeeID INTEGER,  
    FOREIGN KEY(FKEmployeeID) REFERENCES Employee(employeeID)  
);
```

```
CREATE TABLE Coach(  
    experience INTEGER,  
    FKEmployeeID INTEGER,  
    FOREIGN KEY(FKEmployeeID) REFERENCES Employee(employeeID)  
);
```

```
CREATE TABLE Owner(  
  ownershipYears INTEGER,  
  FKEmployeeID INTEGER,  
  FOREIGN KEY(FKEmployeeID) REFERENCES Employee(employeeID)  
);
```

```
CREATE TABLE Referee(  
  numberOfGames INTEGER,  
  FKEmployeeID INTEGER,  
  FOREIGN KEY(FKEmployeeID) REFERENCES Employee(employeeID)  
);
```

```
CREATE TABLE Franchise (  
  city VARCHAR(40),  
  state VARCHAR(40),  
  numChampionships INTEGER,  
  teamName VARCHAR(40),  
  FKNBATaxID INTEGER,  
  PRIMARY KEY(teamName),  
  FOREIGN KEY(FKNBATaxID) REFERENCES NBA(taxID)  
);
```

```
CREATE TABLE BroadcastTeam(  
  name VARCHAR(80),  
  teamSize INTEGER,  
  cameraType VARCHAR(40),  
  micType VARCHAR(40),  
  productionSoftware VARCHAR(40),  
  FKTeamName VARCHAR(40),  
  FOREIGN KEY(FKTeamName) REFERENCES Franchise(teamName)  
);
```

```
CREATE TABLE Sponsors (  
  FKTax INTEGER,  
  FKTeam VARCHAR(40),  
  FOREIGN KEY(FKTax) REFERENCES Company(taxID),  
  FOREIGN KEY(FKTeam) REFERENCES Franchise(teamName)  
);
```

```
CREATE TABLE Company (  
  name VARCHAR(80),  
  sponsorshipAmount INTEGER,  
  taxID INTEGER,  
  PRIMARY KEY(taxID)  
);
```

```
CREATE TABLE Seasons(  
  playoffs BOOLEAN,  
  finals BOOLEAN,  
  team1Name VARCHAR(40),  
  team2Name VARCHAR(40),  
  gameDate DATE,  
  gameID INTEGER,  
  seasonNum INTEGER,  
  year INTEGER,  
  FKNBATaxID INTEGER,  
  PRIMARY KEY(seasonNum),  
  FOREIGN KEY(FKNBATaxID) REFERENCES NBA(taxID)  
);
```

```
CREATE TABLE Service (  
  price INTEGER,  
  taxID INTEGER,  
  FKNBATaxID INTEGER,  
  PRIMARY KEY(taxID),  
  FOREIGN KEY(FKNBATaxID) REFERENCES NBA(taxID)  
);
```

```
CREATE TABLE SeasonTicket (  
  teamName VARCHAR(40),  
  FKTaxID INTEGER,  
  FOREIGN KEY(FKTaxID) REFERENCES Service(taxID)  
);
```

```
CREATE TABLE SeasonPass (  
  year INTEGER,  
  FKTaxID INTEGER,  
  FOREIGN KEY(FKTaxID) REFERENCES Service(taxID)  
);
```

```
CREATE TABLE StreamingService (  
  streamPlatform VARCHAR(40),  
  FKTaxID INTEGER,  
  FOREIGN KEY(FKTaxID) REFERENCES Service(taxID)  
);
```