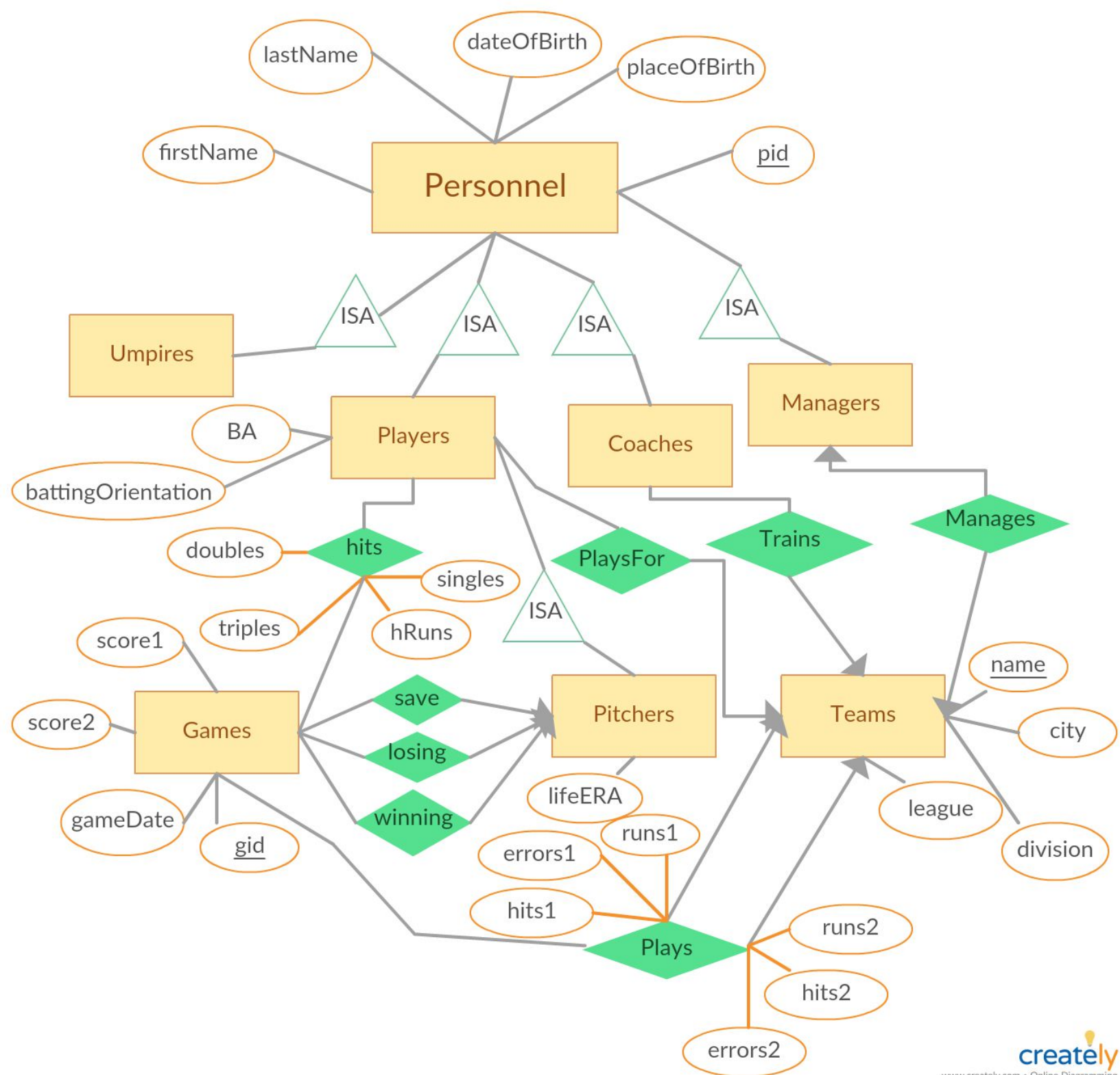


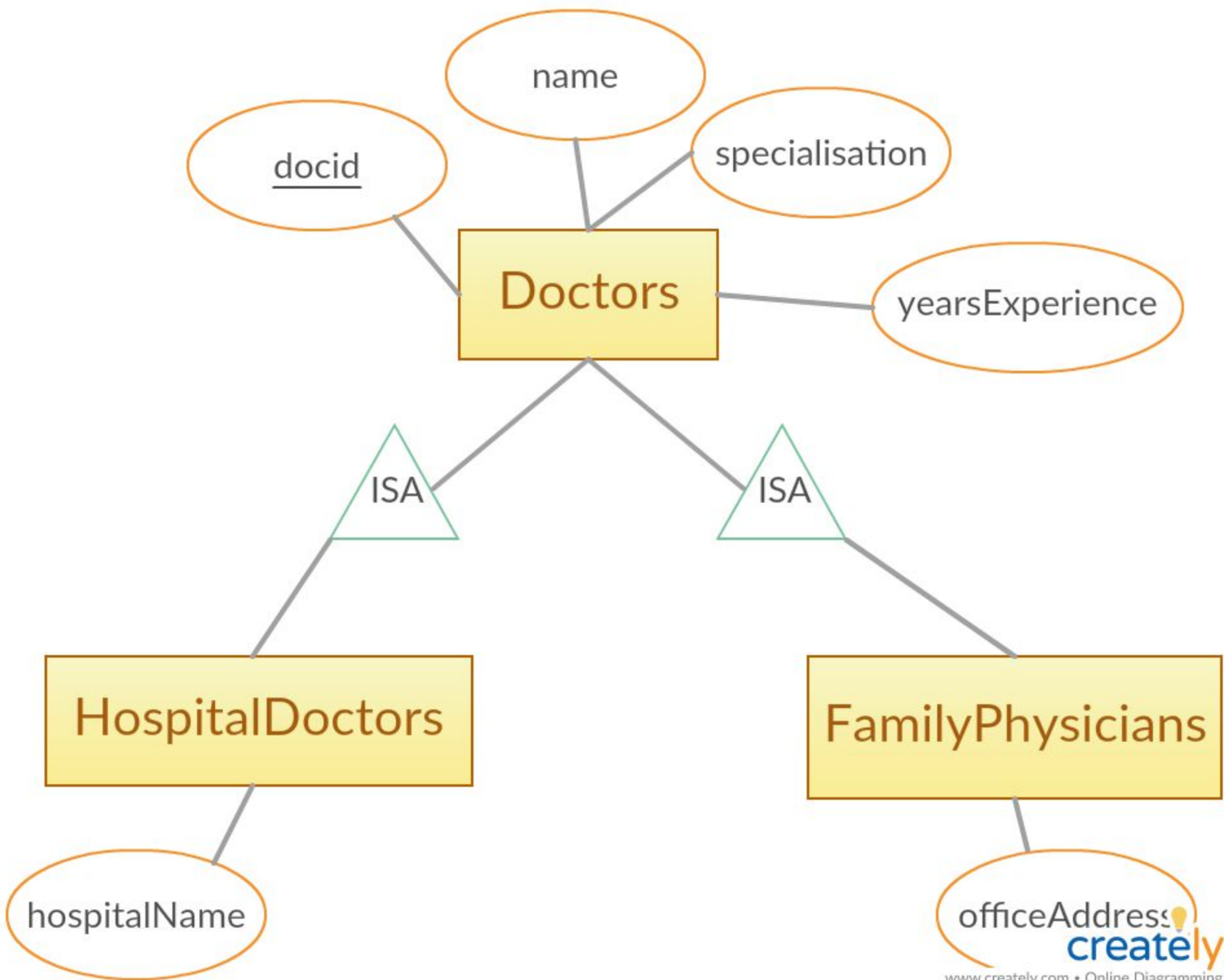
```
CREATE TABLE Complexes(  
    cid CHAR(10) PRIMARY KEY,  
    coi VARCHAR(25),  
    occupiedArea INT,  
    location VARCHAR(25)  
);  
  
CREATE TABLE Sport(  
    name VARCHAR(20) PRIMARY KEY  
);  
  
CREATE TABLE DesignedFor(  
    cid CHAR(10) REFERENCES Complexes(cid),  
    sport VARCHAR2(20) REFERENCES Sport(name),  
    locIndicator VARCHAR2(15),  
    PRIMARY KEY (cid, sport)  
);  
  
CREATE TABLE Events(  
    eventid CHAR(10) PRIMARY KEY,  
    duration INT,  
    plannedDate DATE,  
    description VARCHAR(200),  
    numberOfParticipants INT,  
    cid INT REFERENCES Complexes(cid)  
);  
  
CREATE TABLE Officials(  
    name VARCHAR(20) PRIMARY KEY  
);  
  
CREATE TABLE OfficiatedBy(  
    name VARCHAR(20) REFERENCES Officials(name),  
    eventid CHAR(10) REFERENCES Events(eventid)  
    PRIMARY KEY(name, eventid)  
);  
  
CREATE TABLE Equipment(  
    equipid CHAR(10) PRIMARY KEY,  
    equipmentInfo VARCHAR(50),  
    equipmentName VARCHAR(25)  
);  
  
CREATE TABLE Needs(  
    equipid CHAR(10) REFERENCES Equipment(equipid),  
    eventid CHAR(10) REFERENCES Events(eventid),  
    PRIMARY KEY(equipid, eventid)  
);
```



```
CREATE TABLE Personnel(  
    pid CHAR(10) PRIMARY KEY,  
    firstName VARCHAR(20),  
    lastName VARCHAR(20),  
    dateOfBirth DATE,  
    placeOfBirth VARCHAR(50)  
);  
  
CREATE TABLE Teams (  
    name VARCHAR(20) PRIMARY KEY,  
    city VARCHAR(20),  
    division INT,  
    league VARCHAR(20)  
);  
  
CREATE TABLE Umpires(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel  
);  
  
CREATE TABLE Players(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel,  
    battingOrientation VARCHAR(6),  
    BA INT,  
    name VARCHAR(20) REFERENCES Teams  
);  
  
CREATE TABLE Coaches(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel,  
    teamName VARCHAR(20) REFERENCES Teams(name)  
);  
  
CREATE TABLE Managers(  
    pid CHAR(10) PRIMARY KEY REFERENCES Personnel  
    teamName VARCHAR(20) REFERENCES Teams(name)  
);  
  
CREATE TABLE Pitchers(  
    pid CHAR(10) PRIMARY KEY REFERENCES Players,  
    lifeERA INT,  
);  
  
CREATE TABLE Games (  
    gid CHAR(10) PRIMARY KEY,  
    gameDate DATE,  
    score1 INT,  
    score2 INT,  
    save CHAR(10),  
    losing CHAR(10),  
    winning CHAR(10)  
);  
  
CREATE TABLE hits (  
    pid CHAR(10) REFERENCES Players,  
    gid CHAR(10) REFERENCES Games,  
    singles INT,  
    doubles INT,  
    triples INT,
```

<Oracle - studentdb> Q2

```
hRuns INT,  
PRIMARY KEY(pid, gid)  
);  
  
CREATE TABLE Plays (  
gid CHAR(10) REFERENCES Games,  
homeTeam CHAR(10) REFERENCES Teams(name),  
awayTeam CHAR(10) REFERENCES Teams(name),  
runs1 INT,  
hits1 INT,  
errors1 INT,  
runs2 INT,  
hits2 INT,  
errors2 INT,  
PRIMARY KEY(gid, homeTeam, awayTeam)  
);
```



<Oracle - studentdb> Doctors

--TABLE Creation

```
CREATE TABLE Doctors (  
    docid CHAR(10) PRIMARY KEY,  
    name VARCHAR(20),  
    specialisation VARCHAR(30),  
    yearsExperience INT  
);
```

```
CREATE TABLE HospitalDoctors (  
    docid CHAR(10) PRIMARY KEY REFERENCES Doctors,  
    hospitalName VARCHAR(30)  
);
```

```
CREATE TABLE FamilyPhysicians (  
    docid CHAR(10) PRIMARY KEY REFERENCES Doctors,  
    officeAddress VARCHAR(75)  
);
```

--INSERT statements

--Hospital Doctor

```
INSERT INTO Doctors (  
    'A123456789',  
    'James Milner',  
    'Surgeon',  
    13  
);
```

--Family Physician

```
INSERT INTO Doctors (  
    'B123456789',  
    'Daniel Sturridge',  
    'Heart specialist',  
    10  
);
```

--Both

```
INSERT INTO DOCTORS (  
    'C123456789',  
    'Roberto Firmino',  
    'Physiotherapy',  
    5  
);
```

--Neither

```
INSERT INTO Doctors (  
    'D123456789',  
    'Mohammed Salah',  
    'None',  
    2  
);
```

```
INSERT INTO HospitalDoctors (  
    'A123456789',  
    'Royal Jubilee'  
);
```

<Oracle - studentdb> Doctors

```
INSERT INTO FamilyPhysicians (  
    'B123456789',  
    '100 Charming Ave'  
);
```

```
INSERT INTO HospitalDoctors (  
    'C123456789',  
    'UVic Health Services'  
);
```

```
INSERT INTO FamilyPhysicians (  
    'C123456789',  
    '100 Hillside Ave'  
);
```