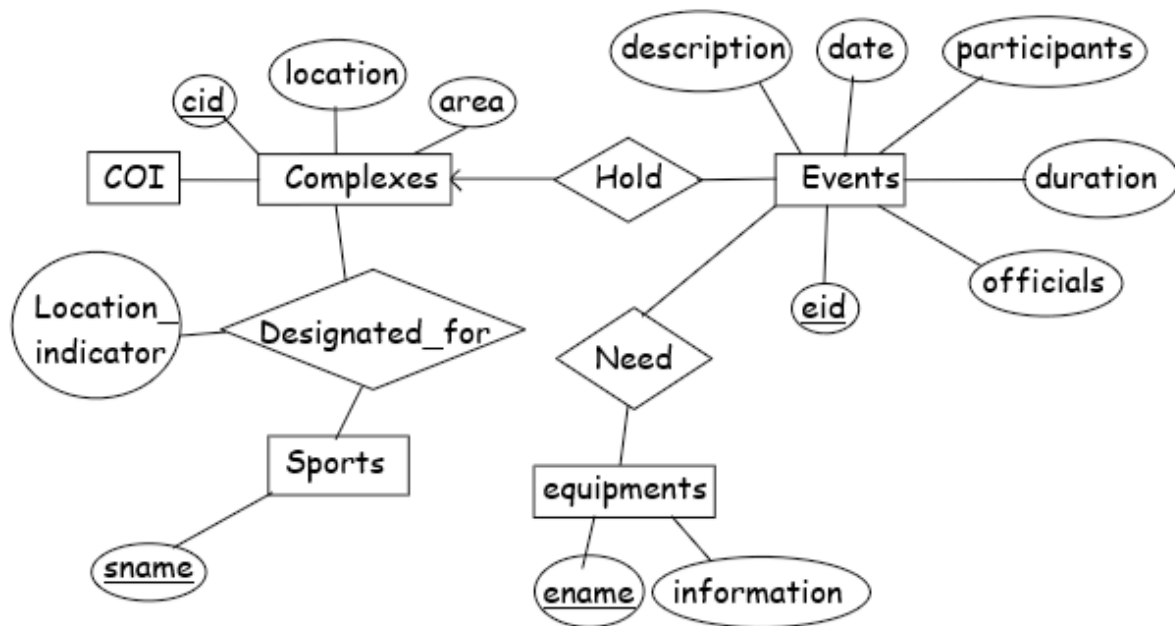


1.



Complexes (cid, coi, location, area)

Sports (sname)

Designated_for (Location_indicator, Cid, Name)

Events (Eid, Description, Date, Participants, Duration, Officials, Cid)

Equipments (Ename, Information)

Need (Name, Eid)

Create TABLE Complexes{

 Cid Varchar(10) primary key,

 Coi Varchar(10),

 Location varchar(10),

 Area varchar(5)

};

Create TABLE Sports{

 Sname Varchar(20) primary key

};

```

Create TABLE Designated_for{
    Location_indicator Varchar(10),
    Cid Varchar(10),
    Name Varchar(10),
    Primary key(location indicator, cid, name),
    Foreign key (cid) REFERENCES Complexes(cid),
    Foreign key (name) REFERENCES Sports(name)
};

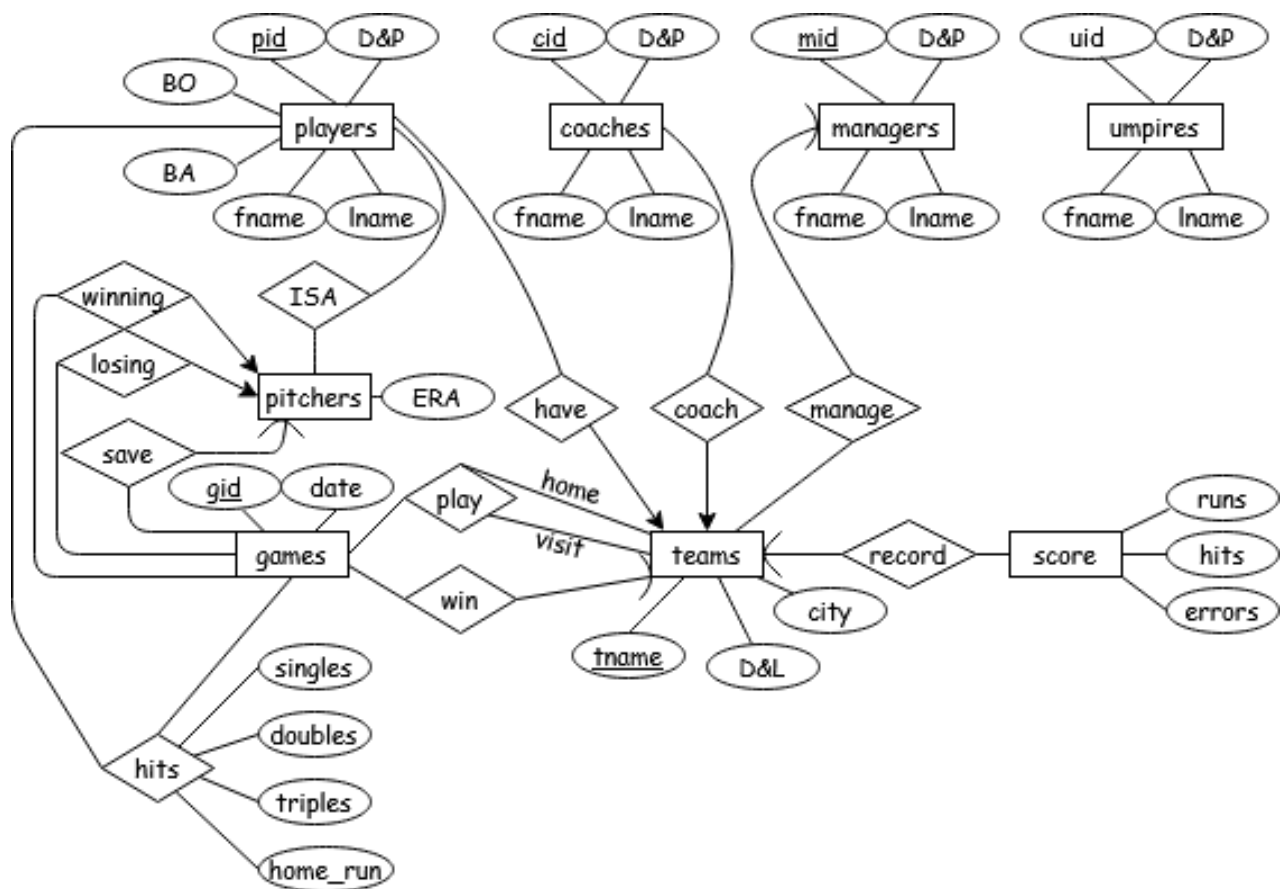
Create TABLE Events{
    Eid Varchar(10) primary key,
    Description Varchar(100),
    Date Varchar(10),
    Participants INT,
    Duration INT,
    Officials Varchar(20),
    Cid Varchar(10) REFERENCES complexes(cid)
};

Create TABLE equipments{
    Ename Varchar(10) primary key,
    Information Varchar(50)
};

Create TABLE Need{
    Name Varchar(10),
    Eid Varchar(10),
    Primary key (name, eid),
    Foreign key (name) REFERENCES equipments(name) ON
DELETE CASCADE,
    Foreign key (eid) REFERENCES events(eid) ON DELETE
CASCADE
};

```

2.



```
players{Pid, D&P, BO, BA, Fname, Lname, Tname}
```

Coaches (Cid, D&P, Fname, Lname, Tname)

Managers (mid, D&P, fname, Lname)

Umpires (Uid, D&P, fname, Lname)

Pitchers (Pid, ERA)

games (Gid, Date, Pid, Tname)

teams (Tname, D&L, City, Mid)

score (Runs, Hits, Errors, Tname)

play (Gid, HomeTname, VisitTname)

hits (Singles, Doubles, Triples, Home_run, Gid, Pid)

```
Create TABLE players{
    Pid varchar(15) primary key,
    D&P varchar(50),
    BO varchar(7),
    BA float(4),
    Fname varchar(20),
    Lname varchar(20),
    Tname REFERENCES teams(tname) ON DELETE CASCADE
};
```

```
Create TABLE coaches{
    Cid varchar(15) primary key,
    D&P varchar(50),
    fname varchar(20),
    Lname varchar(20),
    Tname REFERENCES teams(tname) ON DELETE CASCADE
};
```

```
Create TABLE managers{
    mid varchar(15) primary key,
    D&P varchar(50),
    fname varchar(20),
    Lname varchar(20)
};
```

```
Create TABLE pitchers{
    Pid varchar(15) primary key REFERENCES players(pid),
    ERA float(2),
};
```

```
Create TABLE games{
    Gid varchar(20) primary key,
    Date INT(8),
    Pid varchar(15) REFERENCES players(pid),
    Tname varchar(20) REFERENCES teams(tname)
```

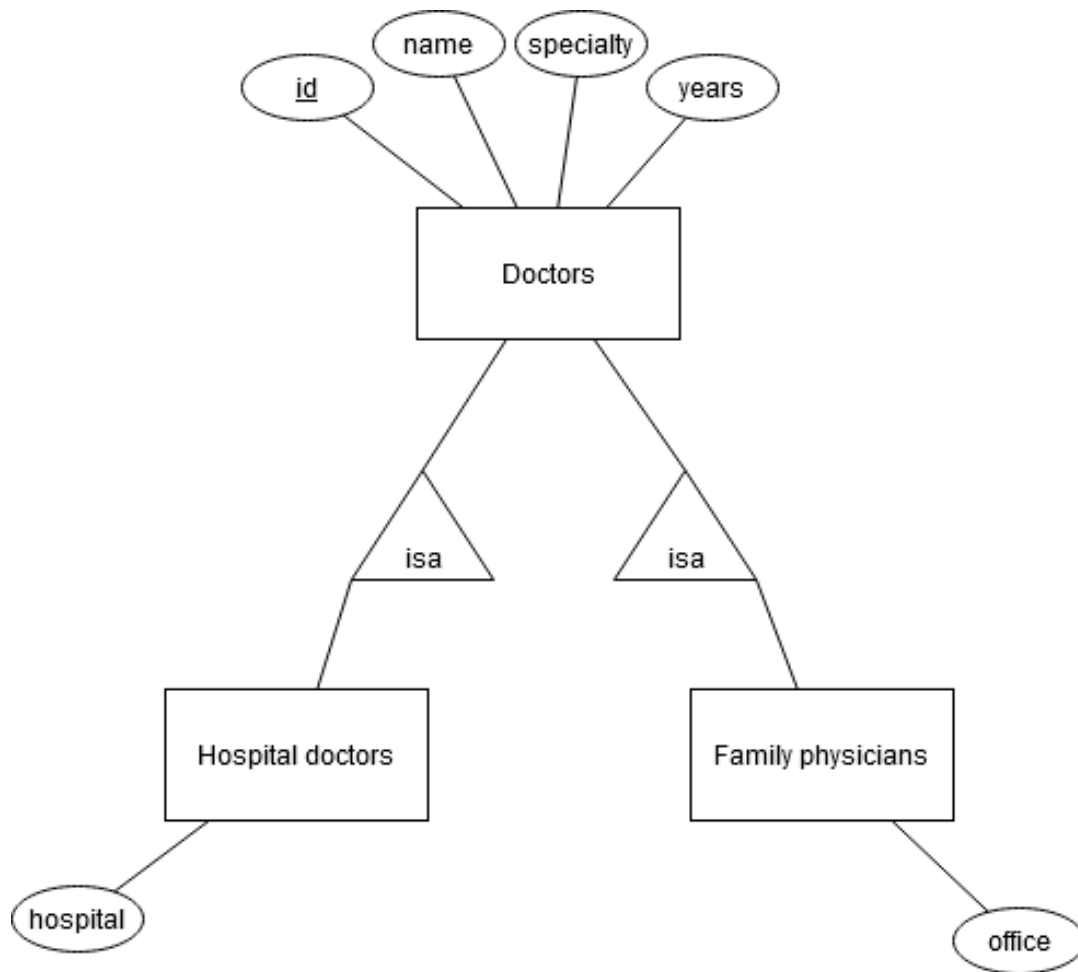
```

};
Create TABLE teams{
    Tname varchar(20) primary key,
    D&L varchar(100),
    City varchar(15),
    Mid varchar(15) REFERENCES managers(mid)
};
Create TABLE play{
    Gid varchar(20) primary key REFERENCES games(gid),
    HomeTname varchar(20) primary key REFERENCES
    teams(tname)
    visitTname varchar(20) primary key REFERENCES teams(tname)
};
Create TABLE hits{
    Singles INT(10),
    Doubles INT(10),
    Triples INT(10),
    Home_run INT(10),
    Gid varchar(20) primary key REFERENCES games(gid),
    Pid varchar(15) primary key REFERENCES players(pid)
};
Create TABLE umpires{
    Uid varchar(15) primary key,
    D&P varchar(50),
    fname varchar(20),
    Lname varchar(20)
};
Create TABLE score{
    Runs INT(10),
    Hits INT(10),
    Errors INT(10),

```

```
Tname varchar(20) REFERENCES teams(tname)
};
```

3.



Doctors(id,name,specialty,years)

Family_physicians(id,office)

Hospital_doctors(id,hospital)

```
CREATE TABLE Doctors{
    id VARCHAR(5) PRIMARY KEY,
```

```
    name VARCHAR(10),  
    specialty VARCHAR(30),  
    years INT  
}
```

```
CREATE TABLE Family_physicians{  
    id VARCHAR(5) PRIMARY KEY REFERENCES Doctors(id) ON  
    DELETE CASCADE,  
    office VARCHAR(50)  
}
```

```
CREATE TABLE Hospital_doctors{  
    id VARCHAR(5) PRIMARY KEY REFERENCES Doctors(id) ON  
    DELETE CASCADE,  
    hospital VARCHAR(50)  
}
```

```
INSERT INTO Doctors  
VALUES("0x100","John","surgent",5)
```

```
INSERT INTO Hospital_doctors  
VALUES("0x100","7777 victoria street")
```

```
INSERT INTO Family_physicians  
VALUES("0x100","Victoria Hospital")
```