



Entity-Relationship Diagram

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Assumptions

- Player's skill is represented by a numeric value
- Player's names are guaranteed to be unique
- Injury records contain the date of the injury, the date of the player's return, and the injury type

```
CREATE TABLE Team (  
    name VARCHAR(255) PRIMARY KEY,  
    city VARCHAR(255),  
    coach VARCHAR(255),  
    captain VARCHAR(255),  
    FOREIGN KEY (Captain) REFERENCES Player(name)  
);
```

```
CREATE TABLE Player (  
    name VARCHAR(255) PRIMARY KEY,  
    position VARCHAR(255),  
    skill_level INT,  
    team VARCHAR(255),  
    FOREIGN KEY (team) REFERENCES team(name)  
);
```

```
CREATE TABLE Game (  
    host_team VARCHAR(255),  
    guest_team VARCHAR(255),  
    time DATETIME,  
    host_score INT,  
    guest_score INT,  
    PRIMARY KEY (host_team, guest_team, time),  
    FOREIGN KEY (host_team) REFERENCES Team(name),  
    FOREIGN KEY (guest_team) REFERENCES Team(name)  
);
```

```
CREATE TABLE Injury (  
    player VARCHAR(255),  
    injury_date DATE,  
    injury_type VARCHAR(255),  
    recovery_time DATE,  
    PRIMARY KEY (player, injury_date),  
    FOREIGN KEY (player) REFERENCES Player(name)  
);
```