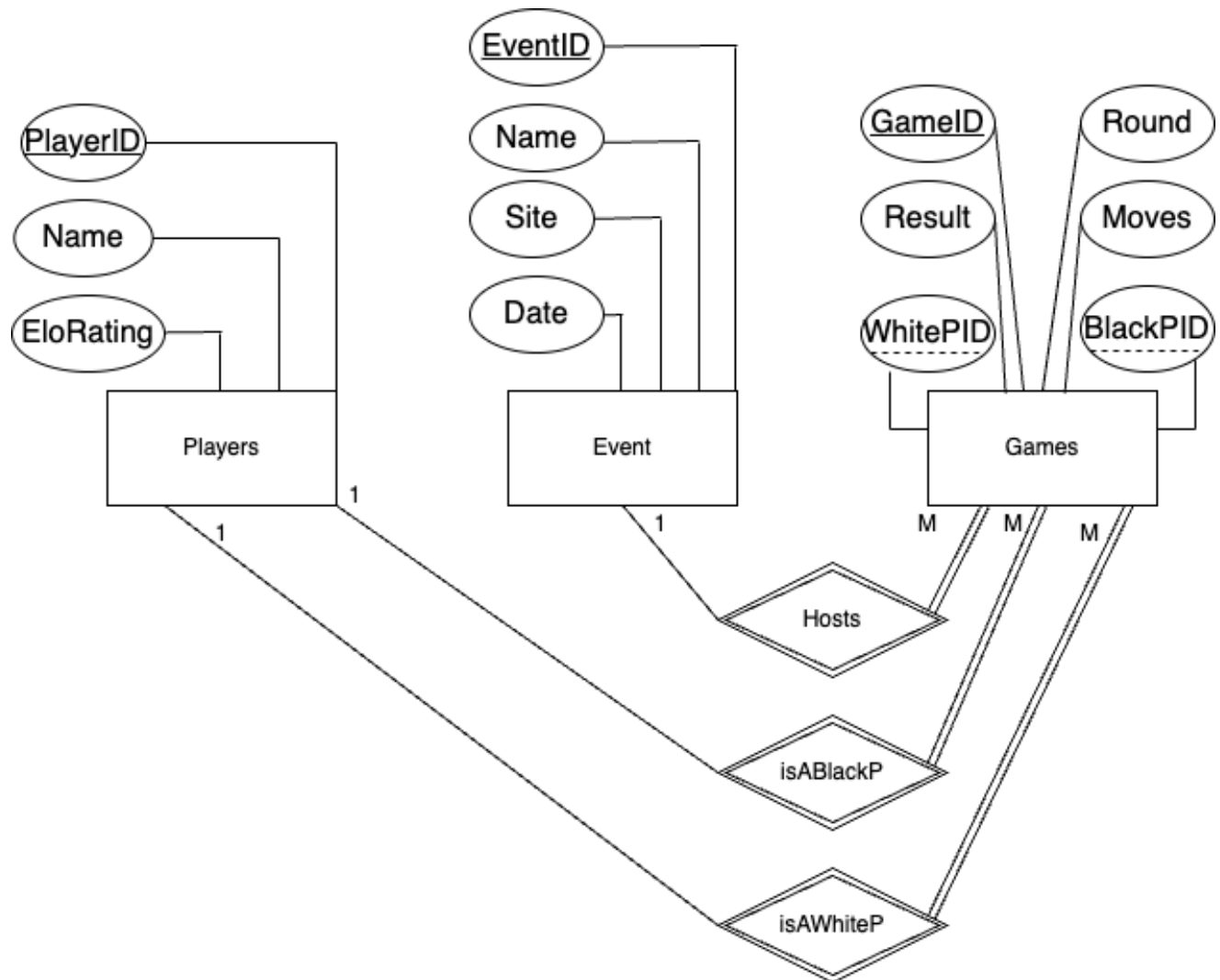


Lab 2: ER Model

Part 1



Part 2

```
CREATE TABLE Players (  
  PlayerID INT PRIMARY KEY,  
  Name VARCHAR(100),  
  EloRating INT  
);
```

```
CREATE TABLE Events (  
  EventID INT PRIMARY KEY,  
  Name VARCHAR(100),  
  Site VARCHAR(100),  
  Date DATE,  
  UNIQUE (Name, Date)  
);
```

```
CREATE TABLE Games (  
  GameID INT PRIMARY KEY,  
  Round INT,  
  Result ENUM('1-0', '0-1', '1/2-1/2'),  
  Moves VARCHAR(1000),  
  WhitePID INT,  
  BlackPID INT,  
  EventID INT,  
  FOREIGN KEY (WhitePID) REFERENCES Players(PlayerID),  
  FOREIGN KEY (BlackPID) REFERENCES Players(PlayerID),  
  FOREIGN KEY (EventID) REFERENCES Events(EventID),  
  UNIQUE (Round, WhitePID, BlackPID, EventID)  
);
```