Entities

ChessPlayer
- PlayerID
- Name
- Elo Rating

ChessEvent
- EventID
- Name
- Date
- Site

ChessGame
- WhitePlayer
- BlackPlayer
- Moves
- Result
- EventID

Relationships

- ChessPlayer **1** — Plays — **M** ChessGame
- ChessPlayer **1** — Plays — **M** ChessGame
- ChessEvent **1** — Hosts — **M** ChessGame

```sql
CREATE TABLE ChessPlayer (
        PlayerID int NOT NULL,
        Name varchar (255) NOT NULL,
        Elo Rating int NOT NULL,
        PRIMARY KEY (PlayerID)
)

CREATE TABLE ChessEvent(
        EventID int NOT NULL,
        Name int NOT NULL,
        Date Date NOT NULL,
        Site varchar (255),
        PRIMARY KEY (EventID),
        UNIQUE (Name, Date)
)

CREATE TABLE ChessGame(
        EventID int NOT NULL,
        WhitePlayer varchar (50) NOT NULL,
        BlackPlayer varchar (50) NOT NULL,
        Result varchar (10) NOT NULL,
        Moves text (1000) NOT NULL,
        CONSTRAINT PK_ChessGame PRIMARY KEY (WhitePlayer, BlackPlayer, EventID),
        FOREIGN KEY (EventID) REFERENCES ChessEvent(EventID),
        FOREIGN KEY (WhitePlayer) REFERENCES ChessPlayer(PlayerID),
        FOREIGN KEY (BlackPlayer) REFERENCES ChessPlayer(PlayerID)
)
```