**Idea**

Cricket Player Maintenance system

**Tables:**

**Players:**

player\_id;

player\_name;

team\_name;

age;

birth\_place;

matches;

batting\_style;

bowling\_style;

**Roles**:

role\_id;

role\_name

**Player\_roles:**

role\_id

player\_id

**PlayerBattingStats:**

player\_id;

matches;

total\_runs;

highest\_score;

fiftys;

hundreds;

**player\_bowling\_stats:**

player\_id;

matches;

total\_wickets;

best\_bowling;

five\_wickets;

**User Story:**

This app is for maintaining player statistics. We can create players along with their teams and role and their batting and bowling statistics which can be retrieved/updated/deleted.

**Table Relationships:**

One to Many :

One player can play multiple roles

Many to Many :

Many players can play similar roles.

**Services:**

**Create**

Players – Create Player profile

Player\_roles – Map player to available roles

PlayerBattingStats – Create Players batting statistics

player\_bowling\_stats - – Create Players bowling statistics

**Read**

Players – Read Player profile

Player\_roles – View players that are mapped to particular role.

PlayerBattingStats – View Players batting statistics

player\_bowling\_stats - – View Players bowling statistics

**Update**:

PlayerBattingStats – Update Players batting statistics

player\_bowling\_stats - – Update Players bowling statistics

**Delete**

PlayerBattingStats – DeletePlayers batting statistics

player\_bowling\_stats - – Delete Players bowling statistics