# **Some Design Validation Check Queries Requirement**

1. Cricket club players achievements management

1. Find number of runs, number of wickets of player 'Abid' in match '-----'
2. Find club, match, team, player, number of runs, number of wickets for all players
3. Find player id, degree, institute, passing year of players
4. Find player id, total contact amount, installment id, amount, payment date of all players
5. Find player id, award, type of award, match
   * 1. Answer:

Select runs, wickets

From Match\_Scorer

Where player\_id in ( Select player\_id

From player

Where player\_name = ‘Abid’)

and match\_id (Select match\_id

From Matches);

* + 1. Answer:

Select j.club\_id, s.match\_id, pl.team\_id, sum(s.runs) as total\_runs, sum(s.wickets) as total\_wickets

From player p

Join Joins J on p.player\_id = j.player\_id (club)

Join Plays\_in pl on p.player\_id = pl.player\_id (team)

Join Scorer s on p.player\_id = s.player\_id

Group By player\_id, match\_id, team\_id;

* + 1. Answer:

Select player\_id, degree, institute, passing\_year

From Player\_Education;

* + 1. Answer:

Select c.player\_id, c.contract\_amount, i.installment\_id, i.installment\_amount, i.payment\_date

From Conrtact c

Join installment i on i.contract\_id = c.contract\_id;

* + 1. Answer:

Select a.player\_id, a.award, aw.award\_type, a.match\_id

From Achievements a

Join Award aw on a.award\_id = aw.award\_id;