Project Phase 3

TOPIC – Cricket League Management System

**Candidate Keys**

1. Players: ID (primary key), P.Name, DOB
2. Team: TeamID (primary key), T.Name, Captain
3. Fans: SeatNum (primary key)
4. Stadium: StadiumID (primary key), S.Name
5. Match: MatchID (primary key)

**Functional Dependencies**

1. Players
2. ID**→** {Runs, Wicket, P.Name, DOB, Role, TeamId}
3. P.Name **→** {ID,Runs, Wicket,DOB, Role, TeamId }
4. DOB **→ {** ID, Runs, Wicket, P.Name, Role, TeamId **}**
5. Team
6. TeamID**→** {T.Name, Captain}
7. T.Name **→** {TeamID, Captain}
8. Captain **→ {**TeamID, T.Name}
9. Fans
10. Seatnum **→** {Age, F.Name}
11. Stadium  
    (a) StadiumID **→** {S.Name, SeatCapacity}
12. S.Name **→ {** StadiumID, SeatCapacity}
13. Match:
14. MatchID**→**{Date-Time, Winner, Team1, Team2, Ticket\_sold, StadiumID, Mlocation}
15. Fans\_TicketPrice
16. Seatnum **→** TickePrice
17. Fans\_email:
18. Email **→** Seatnum

**EER to Relation Mapping**

**A diagram of a team

Description automatically generated**

**Team Members**

Aniket Gadekar

Harshada Padwal

Rahul Rajaraman

Shruti Borge