Database Project (G3_1)
Domestic Cricket Database

Group Members:

Aryan Vagh - 202101221 (Contact - 7405516200)
Nisarg Patel - 202101216
Harshkumar Chavda - 202101228

Objective:

We want to have a database that stores the data of all the domestic cricket matches played by different cricket Associations in India.
From here, we can generate player and team performances related to various domestic tournaments played in India.

Description:

BCCI (Board of Control for Cricket in India) organizes various domestic tournaments in India in which different cricket associations of different states take part. These associations have their cricket team with Players from their state, and coaches.
Tables which our database will contain -
Teams/Associations - This table would store information about all the teams participating in the Tournament/matches, including team name, captain, coach, and home ground.

Players - This table would store information about all the players in the teams, including player name, player ID, date of birth, and the Association they represent. There are further two more tables under Players - Batsman and Bowler.

Matches - This table would store information about all the matches, including match ID, date and time of the match, Player of the Match, location, and Venue.

Tournament - This table have data of all tournaments like Tournament Name, Year, Number of teams, Best Bowler, Best Batsman, Player of the Tournament, Winner of the Tournament, Runners Up.

Queries:
 1. Give count of number of batsman/bowler in any team.
 2. Display the list of all tournaments in the database.
 3. Show the list of all matches played during a specific tournament.
 4. Who is the captain of a particular team?
 5. Display the list of all venues in the database.
 6. Who was the Best Bowler in Ranjhi Trophy in 2015?
 7. Who has won most Man of the match award in this tournament from this Team?
 8. Which team has won most matches in this Venue?
 9. Which team has won most number of tournaments?
 10. Top 5 Run Scorers of particular Tournament.