CRICKET MATCH MANAGEMENT SYSTEM

(IDs: 201912029, 201912030, 201912031, 201912032)

Scope:-

This system can be used by any cricket organization. It is useful for organizing cricket tournaments in a systematic way & records data in digital format. Our task is to track all the information about the tournaments.

Requirements/ Descriptions:-

- Different types of tournaments like one day match, test match, T-20 match & all.

- It'll store details about the different teams like country origin, captain, with whom the match is with & all.

- It'll store details about the stadium, where match will be organized.

- Details about the Schedule of the match, like its date, timing, match between which teams.

- Players details like wickets taken, position in team & etc.

- Players record like runs they've scored in the match, number of 4s & 6s, & all.

- Weather details like, is the weather suitable to conduct the match or not.

- Umpire details like who is going to be the umpire.

- Stock details like number of bats, wickets, balls, helmets, etc. needed in the match.

- Details about the team coach, captain will be stored too.

- Match has Schedule: Every match will've its schedule like at what time & date it'll be held, at which place & all.

- Match has Weather details: Every match will've weather details, to make decision that is it safe to organize the match & all.

- Umpire examines Match: Every match will've Umpires, to make unbiased decisions in the match.

- Match has Stadium: Every match will've stadium details like, at which Stadium it'll be organized, area of the stadium & all.

- Team has Players: Every team has players & their data in detailed format: position in team, runs made, wickets taken, half century & century scored, innings played, etc.

- Team has Scoreboard: In here the over, run, extra runs & all be stored of the team whose match is going on.

- Match has Stock details: Stocks needed & used in match, like bats, balls, wickets, etc. with their quantities.

- Match has match details: Has match related details like, between which teams it'll be organized.

- Team details: Team will have details of the captain, vice-captain, coach, team name, origin & all.

- Player's details: Players details like position in team, extra players, number of runs they've scored, number of wickets they've taken, number of 4s and 6s scored,

Queries which this database system should be able to answer:-

- Retrieve details of Teams.

- Country wise data of players, teams and umpires.

- Maximum runs scored by any player in a tournament.

- Retrieve Scoreboard details of the match.

- Weather report of the day, on which match will be held.

- Retrieve match details like match between teams.

- Retrieve match Schedule details.

- Retrieve Stadium details like timing, area, location.

-Retrieve Stock details, stocks needed in match.

-Retrieve weather forecast details, that match will be postponed or not.