```
package com.hrtechnology.smartsports;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;
import android.widget.Toast;

import java.util.ArrayList;
import java.util.List;

public class DatabaseHandler extends SQLiteOpenHelper {
    private static final String DATABASE_NAME = "smartSports";
    private static final int DATABASE_VERSION = 1;
    private static final String TABLE_MATCH = "matches";
    private static final String TABLE_PLAYER= "players";
    private static final String KEY_ID = "id";
    private static final String KEY_MATCHNAME = "matches_name";
    private static final String KEY_MATCHDATE = "matchs_date";
    private static final String KEY_TEAM1RUN = "team1s_run";
    private static final String KEY_TEAM2RUN = "team2s_run";
    private static final String KEY_TOTALOVER = "total_overs";
    private static final String KEY_TEAM1NAME = "team1s_name";
    private static final String KEY_TEAM2NAME= "team2s_name";
    private static final String KEY_WINER = "winers";
    private static final String KEY_LOOSER = "loosers";
    private static final String KEY_OVER = "overs";
    private static final String KEY_TEAM1WICKET = "team1wickets";
    private static final String KEY_TEAM2WICKET = "team2wickets";
    private static final String KEY_PLAYERNAME = "players_name";
    private static final String KEY_PLAYERRUN = "players_run";
    private static final String KEY_PLAYERBALL = "players_ball";
    private static final String KEY_BATTINGOVER = "batting_overs";
    private static final String KEY_BOWLINGOVER = "bowling_overs";
    private static final String KEY_TEAMNAME = "team_name";

    private static final String CREATE_TABLE_MATCHES = "CREATE TABLE " +
TABLE_MATCH +
            "(" + KEY_ID + " INTEGER PRIMARY KEY AUTOINCREMENT,"
              + KEY_MATCHNAME + " TEXT,"
              + KEY_MATCHDATE + " TEXT,"
              + KEY_TEAM1RUN  + " INTEGER,"
              + KEY_TEAM2RUN  + " INTEGER,"
              + KEY_TOTALOVER + " INTEGER,"
              + KEY_TEAM1NAME + " TEXT,"
              + KEY_TEAM2NAME + " TEXT,"
              + KEY_WINER     + " TEXT,"
              + KEY_LOOSER    + " TEXT,"
              + KEY_OVER    + " INTEGER,"
              + KEY_TEAM1WICKET + " INTEGER,"
              + KEY_TEAM2WICKET + " INTEGER );";
    private static final String CREATE_TABLE_PLAYERS = "CREATE TABLE " +
TABLE_PLAYER+
            "(" + KEY_ID + " INTEGER PRIMARY KEY AUTOINCREMENT,"
              + KEY_PLAYERNAME + " TEXT,"
              + KEY_MATCHNAME  + " TEXT,"
              + KEY_MATCHDATE  + " TEXT,"
              + KEY_TEAMNAME   + " TEXT,"
              + KEY_PLAYERRUN  + " INTEGER,"
              + KEY_PLAYERBALL + " INTEGER,"
              + KEY_BATTINGOVER+ " REAL,"
              + KEY_BOWLINGOVER+ " REAL );";

    public DatabaseHandler(Context context) {
        super(context, DATABASE_NAME, null, DATABASE_VERSION);

    }
    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL(CREATE_TABLE_MATCHES);
        db.execSQL(CREATE_TABLE_PLAYERS);
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
        db.execSQL("DROP TABLE IF EXISTS '" + TABLE_MATCH + "'");
        db.execSQL("DROP TABLE IF EXISTS '" + TABLE_PLAYER + "'");
        onCreate(db);
    }

    void addNewMatche(Match match) {
        SQLiteDatabase db = this.getWritableDatabase();

        ContentValues values = new ContentValues();
        values.put(KEY_MATCHNAME, match.getMatch_Name());
        values.put(KEY_MATCHDATE, match.getMatch_Date());
        values.put(KEY_TEAM1RUN, match.getTeam1_Run());
        values.put(KEY_TEAM2RUN, match.getTeam2_Run());
        values.put(KEY_TOTALOVER, match.getTotal_Over());
        values.put(KEY_TEAM1NAME, match.getTeam1_name());
        values.put(KEY_TEAM2NAME, match.getTeam2_name());
        values.put(KEY_WINER, match.getWinner());
        values.put(KEY_LOOSER, match.getLooser());
        values.put(KEY_OVER, match.getOver());
        values.put(KEY_TEAM1WICKET, match.getTeam1wicket());
        values.put(KEY_TEAM2WICKET, match.getTeam2wicketl());

        db.insert(TABLE_MATCH, null, values);
        db.close();
    }
    void addNewPlayer(Player player) {
        SQLiteDatabase db = this.getWritableDatabase();

        ContentValues values = new ContentValues();
        values.put(KEY_PLAYERNAME, player.getPlayer_Name());
        values.put(KEY_MATCHNAME, player.getMatch_Name());
        values.put(KEY_MATCHDATE, player.getMatch_Date());
        values.put(KEY_TEAMNAME, player.getTeam_name());
        values.put(KEY_PLAYERRUN, player.getPlayer_run());
        values.put(KEY_PLAYERBALL, player.getPlayer_Ball());
        values.put(KEY_BATTINGOVER, player.getBatting_over());
        values.put(KEY_BOWLINGOVER, player.getBowling_over());

        db.insert(TABLE_PLAYER, null, values);
        db.close();
    }
    //Get all Match
    public ArrayList<Match> getAllMatches() {
        ArrayList<Match> matches = new ArrayList<Match>();

        String selectQuery = "SELECT  * FROM " + TABLE_MATCH;
        SQLiteDatabase db = this.getWritableDatabase();
        Cursor cursor = db.rawQuery(selectQuery, null);

        if (cursor.moveToFirst()) {
            do {

              String match_name=cursor.getString(1);
              String match_date=cursor.getString(2);
              matches.add(new Match(match_name,match_date));
            } while (cursor.moveToNext());
        }
        return matches;
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  }

  //Get all Players
  public ArrayList<Player> getAllPlayers(String match_name_,String match_date_,String
team_name) {
    ArrayList<Player> players = new ArrayList<Player>();


    SQLiteDatabase db = this.getReadableDatabase();

    Cursor cursor = db.query(TABLE_PLAYER,
        new String[] { KEY_PLAYERNAME,
            KEY_PLAYERRUN,
            }, KEY_MATCHNAME + "=? AND " + KEY_MATCHDATE + "=? AND " +
KEY_TEAMNAME + "=?"  ,
        new String[] {
String.valueOf(match_name_),String.valueOf(match_date_),String.valueOf(team_name) }, null,
null, null, null);

    if (cursor.moveToFirst()) {
      do {
        String player_name=cursor.getString(0);
        int player_run=Integer.parseInt(cursor.getString(1).toString());
        players.add(new Player(player_name,player_run));
      } while (cursor.moveToNext());
    }
    return players;
  }

  //Get Single Match
  public Match getMatch(String match_name, String match_Date){
    SQLiteDatabase db = this.getReadableDatabase();

    Cursor cursor = db.query(TABLE_MATCH,
        new String[] { KEY_MATCHNAME,
                KEY_MATCHDATE,
                KEY_TEAM1RUN,
                KEY_TEAM2RUN,
                KEY_TOTALOVER,
                KEY_TEAM1NAME,
                KEY_TEAM2NAME,
                KEY_WINER,
                KEY_LOOSER,
                KEY_OVER,
                KEY_TEAM1WICKET,
                KEY_TEAM2WICKET}, KEY_MATCHNAME + "=? AND " +
KEY_MATCHDATE + "=?" ,
                new String[] { String.valueOf(match_name),String.valueOf(match_Date) }, null, null,
null, null);
        if (cursor != null)
            cursor.moveToFirst();
        Match match = new Match(cursor.getString(0),
                                cursor.getString(1),
                                Integer.parseInt(cursor.getString(2)),
                                Integer.parseInt(cursor.getString(3)),
                                Integer.parseInt(cursor.getString(4)),
                                cursor.getString(5),
                                cursor.getString(6),
                                cursor.getString(7),
                                cursor.getString(8),
                                Integer.parseInt(cursor.getString(9)),
                                Integer.parseInt(cursor.getString(10)),
                                Integer.parseInt(cursor.getString(11)));

        return match;
    }

    //Get Single pLAYER
    public Player getPlayer(String match_name, String match_Date, String team_name, String
player_name){
        SQLiteDatabase db = this.getReadableDatabase();

        Cursor cursor = db.query(TABLE_PLAYER,
                new String[] { KEY_PLAYERNAME,
                        KEY_MATCHNAME,
                        KEY_MATCHDATE,
                        KEY_TEAMNAME,
                        KEY_PLAYERRUN,
                        KEY_PLAYERBALL,
                        KEY_BATTINGOVER,
                        KEY_BOWLINGOVER}, KEY_MATCHNAME + "=? AND " +
KEY_MATCHDATE + "=? AND " + KEY_TEAMNAME + "=? AND " +
KEY_PLAYERNAME + "=?" ,
                new String[] {
String.valueOf(match_name),String.valueOf(match_Date),String.valueOf(team_name),String.val
ueOf(player_name) }, null, null, null, null);
        if (cursor != null)
            cursor.moveToFirst();
        Player player = new Player(cursor.getString(0),
                cursor.getString(1),
                cursor.getString(2),
                cursor.getString(3),
        Integer.parseInt(cursor.getString(4)),
        Integer.parseInt(cursor.getString(5)),
        Float.valueOf((cursor.getString(6)).toString()),
        Float.valueOf((cursor.getString(7)).toString()));
    return player;
  }
  //Updatea score
  public int updateMatchScore(Match match) {
    SQLiteDatabase db = this.getWritableDatabase();

    ContentValues values = new ContentValues();
    values.put(KEY_TEAM1RUN, match.getTeam1_Run());
    values.put(KEY_TEAM2RUN, match.getTeam2_Run());


    // updating row
    return db.update(TABLE_MATCH, values,  KEY_MATCHNAME+ " = ? AND " +
KEY_MATCHDATE + "=?",
        new String[] { match.getMatch_Name(),match.getMatch_Date() });
  }

  //Updatea Over
  public int updateMatchOver(Match match) {
    SQLiteDatabase db = this.getWritableDatabase();

    ContentValues values = new ContentValues();
    values.put(KEY_OVER, match.getOver());



    // updating row
    return db.update(TABLE_MATCH, values,  KEY_MATCHNAME+ " = ? AND " +
KEY_MATCHDATE + "=?",
        new String[] { match.getMatch_Name(),match.getMatch_Date() });
  }


}
```

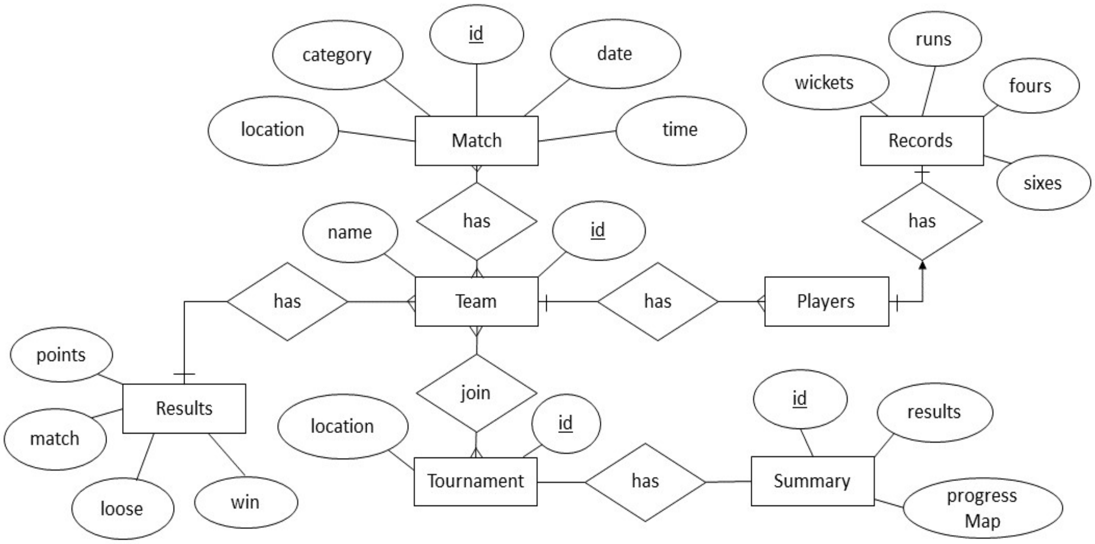
category
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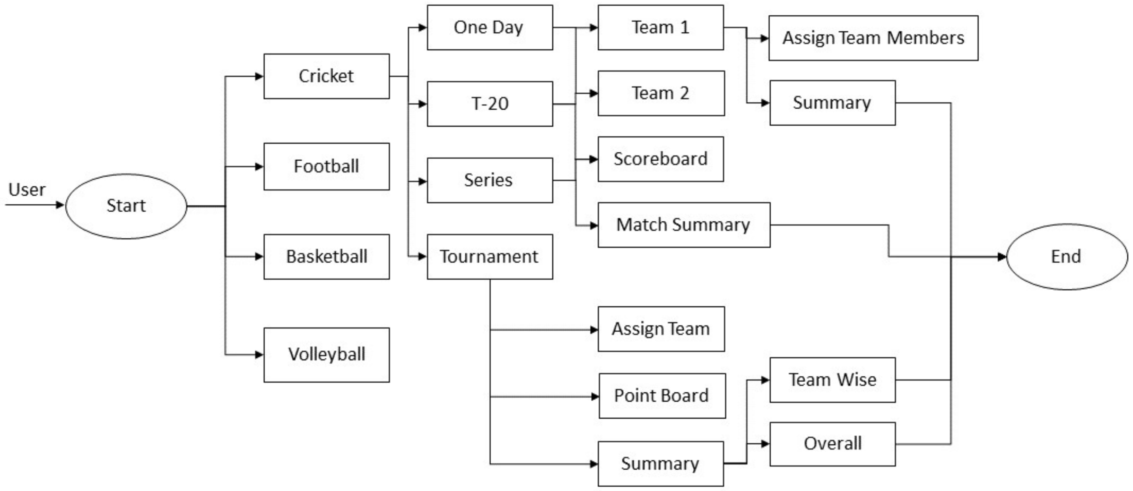
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Start
Cricket
Football
Basketball
Volleyball
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Tournament
Team 1
Team 2
Scoreboard
Match Summary
Assign Team Members
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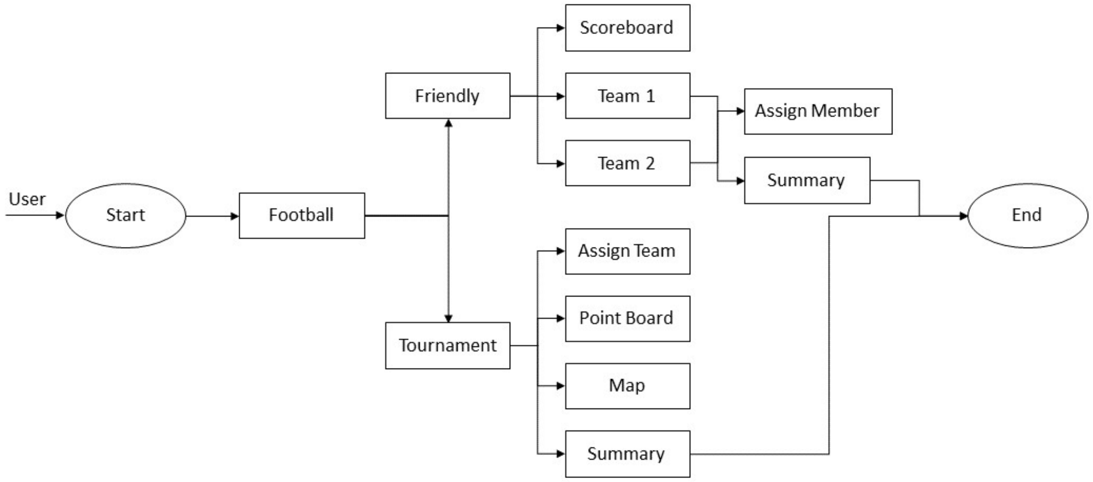
End
Assign Team
Point Board
Summary
Team Wise
Overall


User
Start
Football
Friendly
Tournament
Scoreboard
Team 1
Team 2
Assign Member
Summary
End
Assign Team
Point Board
Map
Summary