PROJECT

Cricket database management system

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create table NativeTeam

(

P\_no number,

P\_Name char(20),

Age number,

TimeInTeam number,

Status char

)

create table Coach

(

C\_id number,

C\_Name char(20),

Country char(20),

Experience number

)

create table Umpire

(

U\_id number,

U\_Name char(100),

JoiningDate number,

Experience number

)

create table Ceremony

(

Venue char(100),

C\_Date number

)

create table CeremonyInvitation

(

Invitation\_no number,

SeatNo number,

Name char(100)

)

create table BoardOfDirector

(

D\_id number,

D\_Name char(100),

Experience number

)

create table MatchDetails

(

Competition\_Name char(100),

MatchBetween char(100),

Venue char(100),

TossWonBy char(100),

ElectedTo char(100),

MatchDate number,

Umpire\_id number

)

create table MatchType

(

CompetitionName char(100),

MatchType char(100)

)

create table Teams

(

MatchName char(100),

TeamAname char(100),

TeamBname char(100)

)

create table TeamA

(

PlayerName char(100),

BatStyle char(100),

BallStyle char(100),

Speciality char(100)

)

create table TeamB

(

PlayerName char(100),

BatStyle char(100),

BallStyle char(100),

Speciality char(100)

)

create table Result

(

TeamAscore number,

TeamBscore number,

Winner char(100),

MatchBetween char(100)

)

create table UmpireAlloted

(

CompetitionName char(100),

Umpire\_id number

)

--table1 NativeTeam

alter table NativeTeam add check(Status='I' or Status='F')

--I=injured F=fine;

alter table NativeTeam modify(TimeInTeam varchar(10))

--table2 Coach

alter table Coach modify(Experience varchar(20))

--table3 Umpire

alter table Umpire modify(Experience varchar(20))

alter table Umpire modify(JoiningDate Date)

alter table Umpire modify(U\_Name Char(100))

/\* DD-MON-YY e.g., 01-JAN-17 \*/

--table4 Ceremony

alter table Ceremony drop(C\_Date)

alter table Ceremony add(C\_Date Date)

--table5 CeremonyInvitation

alter table CeremonyInvitation modify(SeatNo varchar(20))

--table6 BoardOfDirector

alter table BoardOfDirector modify(Experience varchar(20))

--table7 MatchDetails

alter table MatchDetails add check(ElectedTo='BALL' or ElectedTo='BAT')

alter table MatchDetails modify(MatchDate Date)

/\* DD-MON-YY e.g., '31-DEC-2000' \*/

alter table Umpire add primary key(U\_id)

alter table MatchDetails modify(Umpire\_id number references Umpire(U\_id))

--table8 MatchType

alter table MatchType modify(CompetitionName varchar(50))

--table10 TeamA

rename TeamA to PlayersOfTeamA

--table11 TeamB

rename TeamB to PlayersOfTeamB

--table12 Result

alter table Result add check(winner='A' or winner='B')

--table13 UmpireAlloted

alter table UmpireAlloted modify(CompetitionName varchar(50))

alter table UmpireAlloted modify(Umpire\_id number references Umpire(U\_id))

--table1 NativeTeam

insert into NativeTeam values(1,'KL Rahul',30,'8Y','F')

insert into NativeTeam values(2,'Arshdeep Singh',23,'4M','F')

insert into NativeTeam values(45,'Rohit Sharma',34,'15Y','F')

insert into NativeTeam values(18,'Virat Kohli',35,'11Y','F')

insert into NativeTeam values(63,'Suryakumar Yadav',32,'1Y','F')

insert into NativeTeam values(33,'Hardik Pandya',29,'6Y','F')

insert into NativeTeam values(17,'Rishabh Pant ',25,'5Y','F')

insert into NativeTeam values(20,'Axar Patel',28,'8Y','F')

insert into NativeTeam values(99,'Ravichandran Ashwin',35,'11Y','F')

insert into NativeTeam values(15,'Bhuvneshwar Kumar',32,'10Y','F')

insert into NativeTeam values(73,'Mohammed Shami',32,'9Y','F')

select \*from NativeTeam

--table2 Coach

insert into Coach values(123,'Rahul Dravid','India','7Y')

select \*from Coach

--table3 Umpire

insert into Umpire values(421,'Jayaraman Madanagopal','7-OCT-2015','7Y')

insert into umpire values(241,'Mark Hawthorne','28-May-2011','11Y')

select \*from Umpire

--table7 MatchDetails

insert into MatchDetails values('Bangladesh Premier League','Comilla Victorians vs Fortune Barishal','Shere Bangla National Stadium, Dhaka','Fortune Barishal','BALL','25-JAN-22',421)

insert into MatchDetails values('IIUC INTRA DEPT. CRICKET TOURNAMENT','IIUC CSE A VS IIUC CSE B','IIUC CENTRAL FIELD','IIUC CSE A','BAT','24-MAY-22',NULL)

select \*from MatchDetails

--table8 MatchType

insert into MatchType values('Bangladesh Premier League','One Day International (ODI)')

select \*from MatchType

--table9 Teams

insert into Teams values('Bangladesh Premier League','Comilla Victorians','Fortune Barishal')

select \*from Teams

--teble12 Result

insert into Result values(121,124,'B','Comilla Victorians vs Fortune Barishal')

select \*from Result

--table13 UmpireAlloted

insert into UmpireAlloted values('Bangladesh Premier League',421)

insert into UmpireAlloted values('IIUC INTRA DEPT. CRICKET TOURNAMENT',NULL)

TRUNCATE TABLE MATCHDETAILS

select \*from MATCHDETAILS

SELECT \*FROM NATIVETEAM TEAM\_INDIA

--OUTPUT

DESC NATIVETEAM

SELECT \*FROM NATIVETEAM ORDER BY P\_NO

DESC COACH

SELECT \*FROM COACH

DESC UMPIRE

SELECT \*FROM UMPIRE

DESC CEREMONY

SELECT \*FROM CEREMONY

DESC CEREMONYINVITATION

DESC BOARDOFDIRECTOR

DESC MATCHDETAILS

SELECT \*FROM MATCHDETAILS

DESC MATCHTYPE

SELECT \*FROM MATCHTYPE

DESC TEAMS

SELECT \*FROM TEAMS

DESC PLAYERSOFTEAMA

DESC PLAYERSOFTEAMB

DESC RESULT

SELECT \*FROM RESULT

DESC UMPIREALLOTED

SELECT \*FROM UMPIREALLOTED

PL/SQL

DECLARE

UMP\_ID NUMBER;

WIN CHAR(10);

D DATE:=SYSDATE;

D1 DATE;

BEGIN

SELECT U\_ID INTO UMP\_ID FROM UMPIRE WHERE U\_NAME='Mark Hawthorne';

INSERT INTO UMPIREALLOTED VALUES('IIUC INTRA DEPT. CRICKET TOURNAMENT',UMP\_ID);

DELETE FROM UMPIREALLOTED WHERE UMPIRE\_ID=NULL;

INSERT INTO MATCHDETAILS VALUES('IIUC INTRA DEPT. CRICKET TOURNAMENT','IIUC CSE A VS IIUC CSE B','IIUC CENTRAL FIELD','IIUC CSE A','BAT','24-MAY-22',UMP\_ID) ;

DELETE FROM MATCHDETAILS WHERE UMPIRE\_ID=NULL;

INSERT INTO CEREMONY VALUES('Best Western Summerlea,GT Road, near BSF Chowk, Jalandhar, Punjab 144001',D);

END;