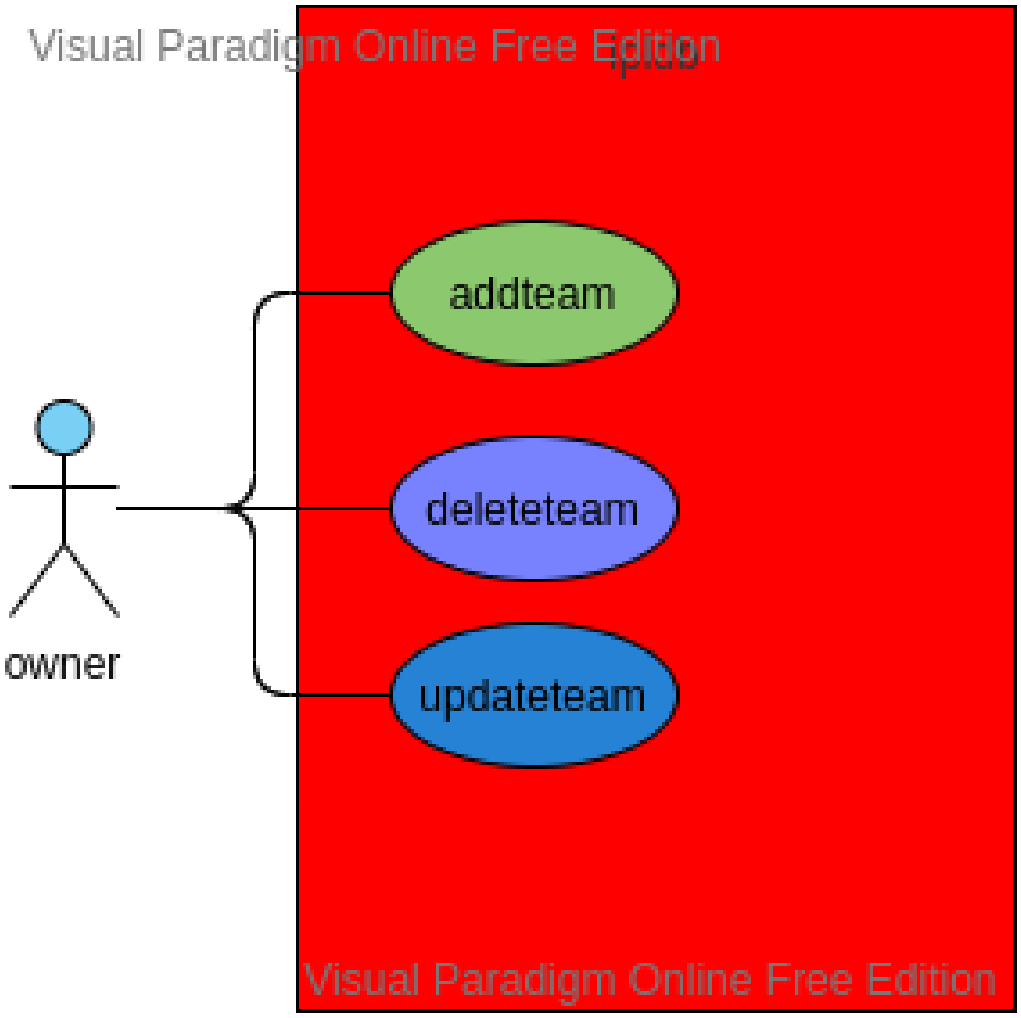
IPL DATABASE MANAGEMENT SYSTEM

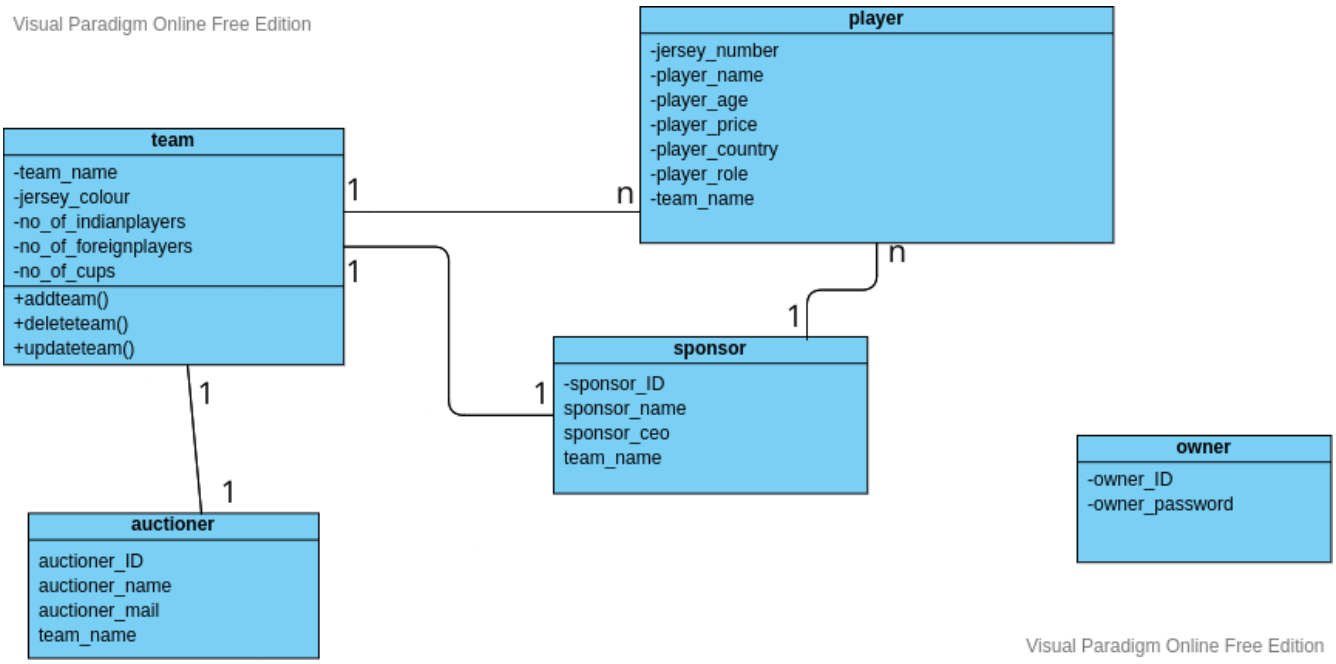
Gousepeer Arella

IMT2020042

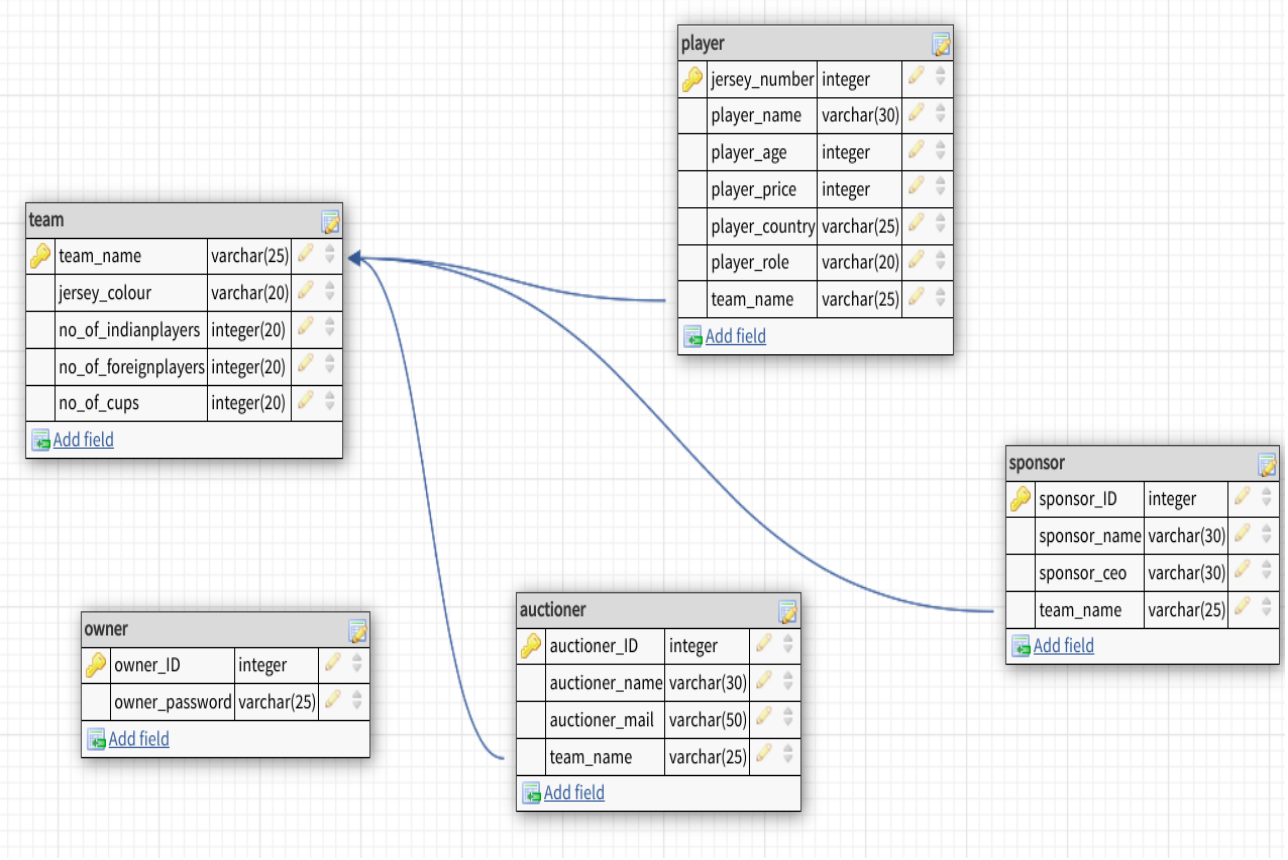
USE CASE DIAGRAM



UML DIAGRAM (Class Diagram)



OR Mapping


player
jersey_number integer
player_name varchar(30)
player_age integer
player_price integer
player_country varchar(25)
player_role varchar(20)
team_name varchar(25)
Add field
team
team_name varchar(25)
jersey_colour varchar(20)
no_of_indianplayers integer(20)
no_of_foreignplayers integer(20)
no_of_cups integer(20)
Add field
sponsor
sponsor_ID integer
sponsor_name varchar(30)
sponsor_ceo varchar(30)
team_name varchar(25)
Add field
owner
owner_ID integer
owner_password varchar(25)
Add field
auctioner
auctioner_ID integer
auctioner_name varchar(30)
auctioner_mail varchar(50)
team_name varchar(25)
Add field

Instructions to run code In MySQL shell:

source sql/create.sql

source sql/alter.sql

source sql/insert.sql

In your terminal:

javac src/Run.java

java src/Run

Note:

Export classpath statement is not required every time because the JDBC jar file is placed in /usr/share/java and export statement is in the .bashrc file.

Owner credentials:

Owner id: 3919

Owner password: esalacupnamde

CREATE

```
gousepeer@gousepeer-HP-Pavilion-Gaming-Laptop-15-dk0xxx:~/Desktop/Sem4/Dbs_lab/session 10$ javac iplsystem.java
gousepeer@gousepeer-HP-Pavilion-Gaming-Laptop-15-dk0xxx:~/Desktop/Sem4/Dbs_lab/session 10$ java iplsystem
Connecting to database...
Creating statement...
#######DONE####
Please select one of the following options:
1, to add a new team to the teams.
2, to remove a team from the teams.
3, to sell a team.
4, to buy a team
5, to update a team
6, exit.
1
team_name
gouse
jersey_colour
green
no_of_indianplayers
1
no_of_foriegnplayers
2
no_of_cups
3
Please enter you owner id to authenticate.
3919
insert into team values ("gouse","green",1,2,3);
select owner_ID from owner;
```

```
mysql> select * from team;
+-----------+---------------+---------------------+----------------------+------------+
| team_name | jersey_colour | no_of_indianplayers | no_of_foreignplayers | no_of_cups |
+-----------+---------------+---------------------+----------------------+------------+
| CSK       | YELLOW        |                  10 |                    5 |          4 |
| DC        | BLUE          |                  10 |                    6 |          2 |
| gouse     | green         |                   1 |                    2 |          3 |
| KKR       | PURPLE        |                  11 |                    5 |          3 |
| MI        | SKYBLUE       |                   9 |                    7 |          5 |
| RCB       | RED           |                  11 |                    4 |          1 |
+-----------+---------------+---------------------+----------------------+------------+
```

REMOVE

```
Creating statement...
#######DONE####
Please select one of the following options:
1, to add a new team to the teams.
2, to remove a team from the teams.
3, to sell a team.
4, to buy a team
5, to update a team
6, exit.
1
team_name

jersey_colour
cruel
no_of_indianplayers
1
no_of_foriegnplayers
2
no_of_cups
3
Please enter you owner id to authenticate.
3919
insert into team values ("","cruel",1,2,3);
select owner_ID from owner;
Please select one of the following options:
1, to add a new team to the teams.
2, to remove a team from the teams.
3, to sell a team.
4, to buy a team
5, to update a team
6, exit.
2
team_name
Please enter your owner id to authenticate.
3919
```

```
mysql> select * from team;
+-----------+---------------+---------------------+----------------------+------------+
| team_name | jersey_colour | no_of_indianplayers | no_of_foreignplayers | no_of_cups |
+-----------+---------------+---------------------+----------------------+------------+
| CSK       | YELLOW        |                  10 |                    5 |          4 |
| DC        | BLUE          |                  10 |                    6 |          2 |
| gouse     | green         |                   1 |                    2 |          3 |
| KKR       | PURPLE        |                  11 |                    5 |          3 |
| MI        | SKYBLUE       |                   9 |                    7 |          5 |
| RCB       | RED           |                  11 |                    4 |          1 |
+-----------+---------------+---------------------+----------------------+------------+
6 rows in set (0.00 sec)
```

THANK YOU