

MOBICARS DATA MANAGEMENT SYSTEM

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IT-B

ABSTRACT:

This assignment is of MOBICARS DATA MANAGEMENT SYSTEM it consists of how the online cab bookings will go on internally. This system contains entities like driver , customer , vehicle and login. Under these entities we have attributes like details of driver like mobile number , name ,id e.t.c and goes same with customer, vehicle and login. This entities are linked by relations named Manage and check between login and customer. This system contains ER diagrams with all the entities , attributes and relations. Assignment also contains DDL and DML commands and there executions.

REQUIREMENT ANALYSIS :

List of Tables :

- Customer
- Driver
- Login
- Vehicle
- Manage
- Checks

List of attributes with their domain types :

Customer :

cid number(5)

cname varchar(15)

cmobile number(10)

cemail varchar(15)

cpass number(10)

Driver :

Did number(5)

Dname varchar(15)

Dmobile number(10)

Dpass number(10)

Vehicle :

Vnum number(5)

Vname varchar(15)

Vtype varchar(10)

DBMS ASSIGNMENT-1

TITLE: MOBICARS DATA MANAGEMENT SYSTEM

Login :

Userid number(5)

Username varchar(15)

Password number(10)

Manage :

cid number(5)

did number(5)

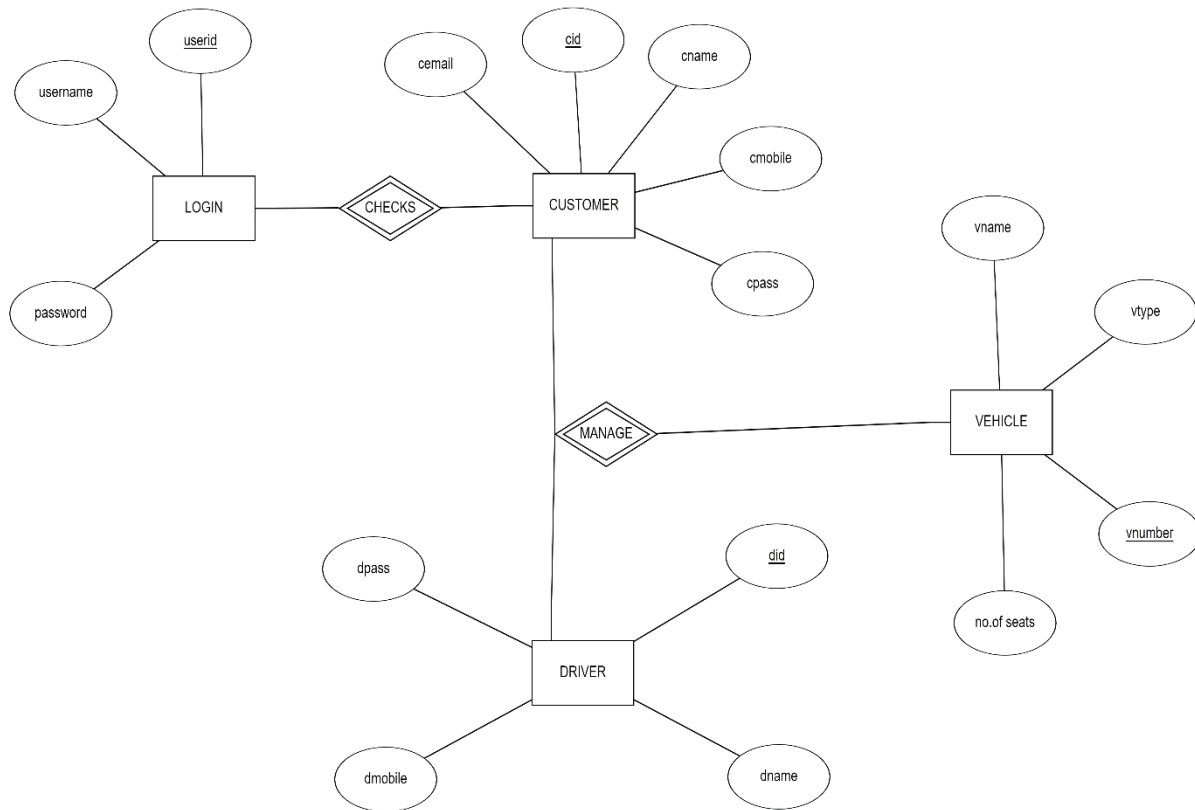
vnum number(5)

Checks :

Userid number(5)

cid number(5)

ER Diagram :



DDL Commands :

```
SQL> create table manage(cid number(5),did number(5) ,vid number(5),primary key(cid,did),  
2 foreign key(cid) references customer(cid),  
3 foreign key(did) references driver(did),  
4 foreign key(vid) references vehicle(vid));
```

Table created.

```
SQL> create table checks( userid number(5),cid number(5),  
2 primary key(userid,cid),foreign key(userid) references login(userid),foreign key(cid) references  
customer(cid));
```

Table created.

```
SQL> create table login(userid number(5) primary key,username varchar(15),password varchar(15));
```

Table created.

```
SQL> create table vehicle (vid number(5) primary key,vname varchar(15),  
2 vtype varchar(15),  
3 noofseats number(2,1));
```

Table created.

```
SQL> create table customer(cid number(5) primary key,  
2 cname varchar(15)  
3 ,cmobile number(10),  
4 cpass number(5),
```

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5 cemail varchar(15));

Table created.

SQL> create table driver(did number(5) primary key,

2 dname varchar(15),

3 dmobile number(10),

4 dpass number(5));

Table created.

SQL> select * from tab;

TNAME	TABTYPE	CLUSTERID
CHECKS	TABLE	
CUSTOMER	TABLE	
DRIVER	TABLE	
LOGIN	TABLE	
MANAGE	TABLE	
VEHICLE	TABLE	

11 rows selected.

SQL> desc checks;

Name	Null?	Type
USERID	NOT NULL	NUMBER(5)
CID	NOT NULL	NUMBER(5)

SQL> desc customer;

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Name	Null?	Type

CID	NOT NULL	NUMBER(5)
CNAME		VARCHAR2(15)
CMOBILE		NUMBER(10)
CPASS		NUMBER(5)
CEMAIL		VARCHAR2(15)

SQL> desc driver;

Name	Null?	Type

DID	NOT NULL	NUMBER(5)
DNAME		VARCHAR2(15)
DMOBILE		NUMBER(10)
DPASS		NUMBER(5)

SQL> desc vehicle;

Name	Null?	Type

VID	NOT NULL	NUMBER(5)
VNAME		VARCHAR2(15)
VTTYPE		VARCHAR2(15)
NOOFSEATS		NUMBER(2,1)

SQL> desc manage;

Name	Null?	Type

CID	NOT NULL	NUMBER(5)
DID	NOT NULL	NUMBER(5)
VID		NUMBER(5)

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SQL> desc login;

Name	Null?	Type

USERID	NOT NULL	NUMBER(5)
USERNAME		VARCHAR2(15)
PASSWORD		VARCHAR2(15)

DML Commands :

SQL> insert into customer values(&cid,'&cname',&cmobile,&cpass,'&cemail');

SQL> /

Enter value for cid: 1

Enter value for cname: sai

Enter value for cmobile: 9985677564

Enter value for cpass: 5564

Enter value for cemail: saigmail.com

old 1: insert into customer values(&cid,'&cname',&cmobile,&cpass,'&cemail')

new 1: insert into customer values(1,'sai',9985677564,5564,'saigmail.com')

1 row created.

SQL> /

Enter value for cid: 2

Enter value for cname: mallik

Enter value for cmobile: 9756547632

Enter value for cpass: 8768

Enter value for cemail: mallikmail

old 1: insert into customer values(&cid,'&cname',&cmobile,&cpass,'&cemail')

new 1: insert into customer values(2,'mallik',9756547632,8768,'mallikmail')

1 row created.

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SQL> /

Enter value for cid: 3

Enter value for cname: mintu

Enter value for cmobile: 9437832597

Enter value for cpass: 3345

Enter value for cemail: mintumail

old 1: insert into customer values(&cid,'&cname',&cmobile,&cpass,'&email')

new 1: insert into customer values(3,'mintu',9437832597,3345,'mintumail')

1 row created.

SQL> insert into driver values(&did,'&dname',&dmobile,&dpass);

Enter value for did: 1

Enter value for dname: pradeep

Enter value for dmobile: 906784547

Enter value for dpass: 8675

old 1: insert into driver values(&did,'&dname',&dmobile,&dpass)

new 1: insert into driver values(1,'pradeep',906784547,8675)

1 row created.

SQL> /

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Enter value for did: 2

Enter value for dname: kumar

Enter value for dmobile: 9986457437

Enter value for dpass: 7466

old 1: insert into driver values(&did,'&dname',&dmobile,&dpass)

new 1: insert into driver values(2,'kumar',9986457437,7466)

1 row created.

SQL> /

Enter value for did: 3

Enter value for dname: vardhan

Enter value for dmobile: 9867548654

Enter value for dpass: 5678

old 1: insert into driver values(&did,'&dname',&dmobile,&dpass)

new 1: insert into driver values(3,'vardhan',9867548654,5678)

1 row created.

SQL>

SQL> insert into vehicle values(&vid,'&vname','&vtype',&noofseats);

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Enter value for vid: 4444

Enter value for vname: swift

Enter value for vtype: mini

Enter value for noofseats: 4

old 1: insert into vehicle values(&vid,'&vname','&vtype','&noofseats)

new 1: insert into vehicle values(4444,'swift','mini',4)

1 row created.

SQL> /

Enter value for vid: 3333

Enter value for vname: innova

Enter value for vtype: prime

Enter value for noofseats: 8

old 1: insert into vehicle values(&vid,'&vname','&vtype','&noofseats)

new 1: insert into vehicle values(3333,'innova','prime',8)

1 row created.

SQL> /

Enter value for vid: 5555

Enter value for vname: benz

Enter value for vtype: micro

Enter value for noofseats: 4

old 1: insert into vehicle values(&vid,'&vname','&vtype','&noofseats)

new 1: insert into vehicle values(5555,'benz','micro',4)

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1 row created.

SQL> insert into manage values(&cid,&did,&vid);

Enter value for cid: 1

Enter value for did: 1

Enter value for vid: 4444

old 1: insert into manage values(&cid,&did,&vid)

new 1: insert into manage values(1,1,4444)

1 row created.

SQL> /

Enter value for cid: 2

Enter value for did: 2

Enter value for vid: 3333

old 1: insert into manage values(&cid,&did,&vid)

new 1: insert into manage values(2,2,3333)

1 row created.

SQL> /

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Enter value for cid: 3

Enter value for did: 3

Enter value for vid: 5555

old 1: insert into manage values(&cid,&did,&vid)

new 1: insert into manage values(3,3,5555)

1 row created.

SQL> insert into login values(&userid,&username,&password);

Enter value for userid: 1234

Enter value for username: sai

Enter value for password: sai

old 1: insert into login values(&userid,&username,&password')

new 1: insert into login values(1234,'sai ','sai')

1 row created.

SQL> /

Enter value for userid: 2345

Enter value for username: mallik

Enter value for password: mallik

old 1: insert into login values(&userid,&username,&password')

new 1: insert into login values(2345,'mallik','mallik')

1 row created.

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SQL> /

Enter value for userid: 3456

Enter value for username: pradeep

Enter value for password: pradeep

old 1: insert into login values(&userid,'&username','&password')

new 1: insert into login values(3456,'pradeep','pradeep')

1 row created.

SQL> insert into checks values(&userid,&cid);

Enter value for userid: 1234

Enter value for cid: 1

old 1: insert into checks values(&userid,&cid)

new 1: insert into checks values(1234,1)

1 row created.

SQL> /

Enter value for userid: 2345

Enter value for cid: 2

old 1: insert into checks values(&userid,&cid)

new 1: insert into checks values(2345,2)

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1 row created.

SQL> /

Enter value for userid: 3456

Enter value for cid: 3

old 1: insert into checks values(&userid,&cid)

new 1: insert into checks values(3456,3)

1 row created.

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