

# Car showroom management

## Tables

### 1.Login

**Primary Key : login\_id**

**Foreign Key : user\_id references Registration table**

s.no	Data field	Datatype	Size	Constraint
1	Login_id	Int	10	Primary key
2	User_id	Int	25	Foreign key
3	Email	Varchar	25	Not null
4	Password	Varchar	20	Not null
5	Status	Boolean	2	Not null

### 2.Registration

**Primary Key : user\_id**

**Foreign Key : logid references Login table**

**Foreign Key : showroomid references Showroom table**

s.no	Data Field	Datatype	Size	Constraint
1	Custid	Int	25	PK
2	logid	Varchar	25	FK
3	Name	Varchar	100	Not null
4	DOB	Varchar	100	Not null
5	Aadhar	Varchar	12	Not null
6	Showroom id	Int	20	FK
7	Pincode	Int	10	Not null

8	District	Varchar	25	Not null
9	Usertype	Varchar	25	Not null
10	Status	Boolean	2	Not null

### **3.Cars**

**Primary Key : car\_id**

**Foreign Key : variant\_id references variant table**

**Foreign Key : model\_id references models table**

**Foreign Key : safe\_id references safety table**

**Foreign Key : ent\_id references entertainment table**

**Foreign Key : engine\_id references engine table**

**Foreign Key : fuel\_id references fuel table**

**Foreign Key : ext\_id references exterior table**

1	Field name	Data type	size	Constraint
2	car_id	Int	20	Primary key
3	Variant_id	Int	20	FK
4	model_id	Int	20	FK
5	Power_windows	Boolean	2	Not null
6	Automatic climate controll	Boolean	2	Not null
7	Remote fuel lid opener	Boolean	2	Not null
8	Trunk light	Boolean	2	Not null
9	Multifunction stearing wheel	Boolean	2	Not null
10	Cruises control	Boolean	2	Not null
11	Parking sensors	Boolean	2	Not null

12	Navigation sensor	Boolean	2	Not null
13	USB charger	Boolean	2	Not null
14	Drive mode	Boolean	2	Not null
15	Air conditioner	Boolean	2	Not null
16	Adjustable steering	Boolean	2	Not null
17	Safe_id	Int	20	FK
18	Ent_id	Int	20	FK
19	Exterior_id	Int	20	FK
20	Engine_id	Int	20	FK
21	Fuel_id	Int	20	FK

## **4.Carmodels**

**Primary Key : model\_id**

s.no	Field name	Data type	size	Constraint
1	Model_id	Int	20	Primary key
2	Model name	Varchar	20	Not null
3	Car type	Varchar	20	Not null
4	Manufacturing year	Varchar	20	Not null

## **5.Variant**

**Primary Key : variant\_id**

s.no	Data Field	Data Type	Size	Constraints
1	Variant_id	Int	10	PK
2	Variant Name	Varchar	20	Not null
3	Price	Int	10	FK
4	Status	Boolean	10	Not null

## 6.Table\_safety

**Primary Key : safe\_id**

s.no	Data Field	Data Type	Size	Constraints
1	Safe_id	Int	10	PK
2	Antilock braking system	Boolean	2	Not null
3	Brake assist	Boolean	2	Not null
4	Centrel locking system	Boolean	2	Not null
5	No. air of airbags	Boolean	2	Not null
6	Day night rear view mirror	Boolean	2	Not null
7	Passanger side view mirror	Boolean	2	Not null
8	Xenon head lamp	Boolean	2	Not null
9	Halogen head lamp	Boolean	2	Not null
10	Rear seat belt	Boolean	2	Not null
11	Seat belt warning	Boolean	2	Not null
12	Door ajar warning	Boolean	2	Not null
13	Side impact beams	Boolean	2	Not null
14	Adjustable seat	Boolean	2	Not null

15	Vehicle control stability	Boolean	2	Not null
16	Engine immobilizer	Boolean	2	Not null
17	Crash sensor	Boolean	2	Not null
18	Electronic brake distribution	Boolean	2	Not null
19	Rear camera	Boolean	2	Not null
20	Blind spot monitor	Boolean	2	Not null
21	Hill assist	Boolean	2	Not null

## **7.Table\_entertainment**

**Primary Key : ent\_id**

s.no	Data Field	Datatype	Size	Constraint
1	Ent_id	Int	25	PK
2	DVD player	Varchar	25	Not null
3	Radio player	Varchar	100	Not null
4	Speaker	Varchar	100	Not null
5	USB and Auxilary input	Varchar	12	Not null
6	Bluetooth connectivity	Varchar	20	Not null
7	Touch screen	Varchar	10	Not null

## **8.table\_exterior**

**Primary Key : exterior\_id**

s.no	Data Field	Datatype	Size	Constraint
1	exterior_id	Int	10	PK

2	Fog light front	Varchar	20	Not null
3	Electric adjustable seat	Varchar	25	Not null
4	Fog light rear	Varchar	20	Not null
5	Power antena	Varchar	20	Not null

## **9.Table engine**

**Primary Key : engine\_id**

**Foreign Key : transmission\_id references transmission table**

**Foreign Key : gear type\_id references geartype table**

s.no	Data Field	Datatype	Size	Constraint
1	engine_id	Int	10	PK
2	Engine type	Varchar	20	Not null
3	Displacement	Varchar	25	Not null
4	Max power	varchar	20	Not null
5	Max torque	Varchar	20	Not null
6	No. of cylinder	Varchar	12	Not null
7	Transmission id	Int	10	FK
8	Gear box	Varchar		Not null
9	Drive type id	Int		FK

## **10.table drivetype**

**Primary Key : drivetype\_id**

s.no	Field name	Data type	size	Constraint
1	Drivetype_id	Int	20	Primary key

2	Drive_type	Varchar	20	Not null
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## **11.table transmissiion**

**Primary Key : gear\_id**

s.no	Field name	Data type	size	Constraint
1	gear_id	Int	20	Primary key
2	gear_type	Varchar	20	Not null

## **12.Showroom**

**PK: S id**

**FK: Manager id from Registration table**

s.no	Data Field	Datatype	Size	Constraint
1	S_id	Int	10	PK
2	S_Branch	Varchar	20	Not null
3	S_Address	Varchar	25	Not null
4	S_Contact	Int	20	Not null
5	S_Mail	Varchar	20	Not null
6	Manger id	Int	12	FK
7	status	Boolean	10	Not null

## **13.Booking**

**PK: Booking id**

**FK: Car id from Car table, User id from Registration table**

s.no	Data Field	Datatype	Size	Constraint
1	Booking id	Int	25	PK
2	Car id	Int	10	FK

3	User id	Int		FK
4	Phone No	Int	25	Not null
5	Alternative phone no	Int	20	Not null
6	Pick up date	Varchar	20	Not null
7	Booking date	Varchar	20	Not null
8	Id proof no	Varchar	20	Not null
9	Status	Boolean	20	Not null

## **14.Service**

**PK: Service id**

s.no	Data Field	Datatype	Size	Constraint
1	Service_id	Int	20	PK
2	Service Description	Varchar	50	Not null
3	Status	Boolean	20	Not null

## **15.Service Notification**

**PK: Notification id**

**FK: User id from Registration table, Service id from Service table**

s.no	Data Field	Datatype	Size	Constraint
1	Notification id	Int	20	PK
2	User_id	Int	50	Fk
3	Service_id	Int	20	FK
4	Description	Varchar	20	Not null
5	Service date	Date	20	Not null
6	Status	Boolean	20	Not null

## **16.Complaints**

**PK: Complaint id**



**FK: User id from Registration table, Showroom id from Showroom table**

s.no	Field name	Datatype	Size	Constraint
1	Complaint_id	Int	10	PK
2	User_id	Int	20	FK
3	Showroom_id	Int	20	FK
4	Complaint	varchar	100	Not null
5	Status	Boolean	10	Not null

## **17.Feedback**

**PK: Feedback id**

**FK: User id from Registration table**

s.n o	Field name	Datatype	Size	Constraint
1	Feedback_id	Int	20	PK
2	User_id	Int	10	FK
3	Feedback	Varchar	100	Not null
5	Status	Boolean	10	Not null

## **18.Payment**

**PK: Payment id**

s.no	Field name	Datatype	Size	Constraint
1	Payment_id	Varchar	10	PK
2	Type of Payment	Varchar	10	Not null
3	Card Number	Varchar	10	Not null
4	Expirary date	Date	10	Not null
5	CVV	Int	10	Not null
6	Card holder name	Varchar	20	Not null
5	Status	Boolean	10	Not null

