Car showroom management

Tables

1.Login

Primary Key : login_id

Foreign Key : user_id references Registration table

s.no	Data field	Datatype	Size	Constraint	Description
1	login _id	Int		Primary key	To store login id
2	User_type	varchar	50	Not null	Type of user
3	Email	Varchar	25	Not null	Email of user
4	Password	Varchar	20	Not null	Password of user
5	Status	Int		Not null	0 –> not active 1->active

2.Registration

Name:registration table

Desc:registration table

Primary Key : user_id

Foreign Key : logid references Login table

Foreign Key : showroomid references Showroom table

s.no	Data Field	Datatype	Size	Constraint	Description
1	Reg_id	Int		PK	Registration id
2	login_id	Int		FK	To identify the user
3	Name	Varchar	100	Not null	name of user

4	DOB	date	100	Not null	Date of birth of user
5	Aadhar	Varchar	50	Not null	Adhar number of user
6	Showroom_id	Int		FK	Showroom id
7	Pincode	Int		Not null	Pincode of user
8	District_id	Int		FK	District of the user
9	Status	Int		Not null	0->Registration failer 1->Registratioin Success

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**	Description
2	car_id	Int	20	Primary key	To store the car id
3	Variant_id	Int	20	FK	Variant of cars
4	model_id	Int	20	FK	Model of car

5	Power_windows	Boolean	2	Not null	Power_windows of car
6	Automatic climate control	Boolean	2	Not null	Automatic climate control of car
7	Remote fuel lid opener	Boolean	2	Not null	Remote fuel lid opener of car
8	Trunk light	Boolean	2	Not null	Trunk light of car
9	Multifunction stearing wheel	Boolean	2	Not null	Multifunction stearing wheel of car
10	Cruises control	Boolean	2	Not null	Cruises control of car
11	Parking sensors	Boolean	2	Not null	Parking sensors of car
12	Navigation sensor	Boolean	2	Not null	Navigation sensor of car
13	USB charger	Boolean	2	Not null	USB charger of car
14	Drive mode	Boolean	2	Not null	Drive mode of car
15	Air conditioner	Boolean	2	Not null	Air conditioner of car
16	Adjustable stearing	Boolean	2	Not null	Adjustable stearing of car
17	Safe_id	Int	20	FK	To identify safety related items
18	Ent_id	Int	20	FK	Entertaiment
19	Exterior_id	Int	20	FK	Exterior of car
20	Engine_id	Int	20	FK	To identify the engine details
21	Fuel_id	Int	20	FK	To identify fuel
22	status	integer	20	Not null	0->not added 1->added

4.Carmodels

Primary Key : model_Id

s.no	Field name	Data type	size	Constraint	Description
1	model_Id	Int	20	Primary key	To identify the model
2	model_Name	Varchar	20	Not null	Model name
3	car_type	Varchar	20	Not null	Car type
4	Manufacturing_year	int	20	Not null	Manufacturing year
5	status	integer	20	Not null	0->not added 1->added

5.Variant

Primary Key : variant_id

s.no	Data Field	Data Type	Size	Constraints	Describtion
1	variant_id	Int	10	PK	To identify the varaint
2	Variant Name	Varchar	20	Not null	Variant name
3	Price	Int	10	FK	Price of the variant
4	Status	Boolean	10	Not null	0->inactive 1->active

6.Table_safety

Primary Key : safe_id

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

16	Engine immobilizer	Boolean	2	Not null	Engine immobilizer
17	Crash sensor	Boolean	2	Not null	Crash sensor
18	Electronic brake distribution	Boolean	2	Not null	Electronic brake distribution
19	Rear camera	Boolean	2	Not null	Rear camera
20	Blind spot monitor	Boolean	2	Not null	Blind spot monitor
21	Hill assist	Boolean	2	Not null	Hill assist
22	status	integer	20	Not null	0->inactive 1->active

7.Table_entertainment

Primary Key : ent_id

s.no	Data Field	Datatype	Size	Constraint	Description
1	Ent_id	Int	25	PK	Entertainment id
2	DVD player	Varchar	25	Not null	DVD player
3	Radio player	Varchar	100	Not null	Radio player
4	Speaker	Varchar	100	Not null	Speaker
5	USB and Auxilary input	Varchar	12	Not null	USB and Auxilary input
6	Blutooth connectivity	Varchar	20	Not null	Blutooth connectivity
7	Touch screen	Varchar	10	Not null	Touch screen
8	status	integer	10	Not null	0->inactive 1->active

8.table_exterior

Primary Key : exterior_id

s.no	Data Field	Datatype	Size	Constraint	Description
1	exterior_id	Int	10	PK	Exterior id
2	Fog light front	Varchar	20	Not null	Fog light front
3	Electric adjustable seat	Varchar	25	Not null	Electric adjustable seat
4	Fog light rear	Varchar	20	Not null	Fog light rear
5	Power antenna	Varchar	20	Not null	Power antenna
6	status	integer	10	Not null	0->inactive 1->active

9.Table_engine

Primary Key : engine_id

Foreign Key : transmission_id references transmission table

Foreign Key : gera type_id references geartype table

s.no	Data Field	Datatype	Size	Constraint	Description
1	engine_id	Int	10	PK	Engine id
2	Engine type	Varchar	20	Not null	Engine type
3	Displacement	Varchar	25	Not null	Displacement
4	Max power	varchar	20	Not null	Max power
5	Max torque	Varchar	20	Not null	Max torque
6	No. of cylinder	Varchar	12	Not null	No. of cylinder

7	Transmission id	Int	10	FK	To identify the Transmission id
8	Gear box	Varchar		Not null	Gear box
9	Drive type id	Int		FK	Drive type id
10	status	int	10	Not null	0->inactive 1->active

10.table_drivetype

Primary Key : drivetype_id

s.no	Field name	Data type	size	Constraint	Description
1	Drivetype_id	Int	20	Primary key	Drivetype_id
2	Drive_type	Varchar	20	Not null	Drive_type
3	status	integer	20	Not null	0->inactive 1->active

11.table_transmissiion

Primary Key : gear_id

s.no	Field name	Data type	size	Constraint	Description
1	gear_id	Int	20	Primary key	gear_id
2	gear_type	Varchar	20	Not null	gear_type
3	status	Int	20	Not null	0->active 1->inactive

12.Showroom

PK: S id

FK: Manager id from Registration table

s.no	Data Field	Datatype	Size	Constraint	Description
1	S_id	Int		Primary key	Showroom id

2	S_Branch	Varchar	20	Not null	Showroom Branch
3	S_Address	Varchar	25	Not null	Showroom Address
4	S_Contact	Int		Not null	Showroom Contact
5	S_Mail	Varchar	20	Not null	Showroom Mail
6	Manager id	Int		Foreign key	Manger id
7	Status	Int		Not null	0->in active 1->active

13.Booking

PK: Booking id

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

s.no	Data Field	Datatype	Size	Constraint	Description
1	Booking id	Int		Primary key	Booking id
2	Car id	Int		Foreign key	Car id
3	User id	Int		Foreign key	User id
4	Pickup_time	Int		Not null	Pickup_time
5	Pick up date	Date	20	Not null	Pick up date
6	Booking date	Date	20	Not null	Booking date
7	Booking time	Int	20	Not null	Booking time
8	Status	Boolean	20	Not null	0->not booked 1->booking processing 2->waiting for delivery 3->car delivered

14.Service

PK: Service id

s.no	Data Field	Datatype	Size	Constraint	Description
1	Service_id	Int	20	Primary key	Service_id
2	Service_name	Varchar	50	Not null	Name of the services
3	Status	Boolean	20	Not null	0->not added 1->added

15.Service Request

PK: Notification id

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

s.no	Data Field	Datatype	Size	Constraint	description
1	Service_id	Int		Primary key	To identify the service
2	User_id	Int		Foreign key	User_id
3	Car_id	Int		FK	Car_id
4	Service time	date		Not null	Service time
5	Service date	Date		Not null	Service date
6	Service_name_id	int		Not null	Service_name_id
7	Status	Int		Not null	0->not submitted 1->sumbitted

16.Complaints

PK: Complaint id

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

s.no	Field name	Datatype	Size	Constraint	description

1	Complaint_id	Int		PK	Complaint_id
2	User_id	Int		FK	Complaint_id
3	Showroom_id	Int		FK	Showroom_id
4	Complaint	varchar	100	Not null	Complaint
5	Status	Int		Not null	0->not added 1->added

17.Feedback

PK: Feedback id

FK: User id from Registration table

s.no	Field name	Datatype	Size	Constraint	Description
1	Feedback_id	Int		PK	Feedback_id
2	User_id	Int		FK	User_id
3	Feedback	Varchar	100	Not null	Feedback
5	Status	Int		Not null	0->feedback not submit 1->feedback submited

18.Payment

PK: Payment id

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

6	Card holder name	Varchar	20	Not null	Card holder name
5	Status	Int		Not null	0->not added 1->added