DBMS Project

Topic-Car Rental System

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**Queries**

1.Display vehicles which is available.

SELECT Model from car WHERE Status='Available';

2.Display vehicle name having maximum seating capacity.

SELECT Model, MAX(Seating\_Capacity) AS max\_seating\_capacity FROM car GROUP BY Model;

3.Delete all the reservations whose location is in “irving”.

DELETE FROM rental\_location WHERE Street\_Name LIKE '%Irving%';

4.Find names of Drivers whose last name starts with ‘P’.

SELECT Fname,Lname FROM car\_user WHERE LNAME like 'P%';

5.Display the list of additional drivers .

SELECT \* from additional\_drivers;

6.Show the list of available promo codes.

SELECT Promo\_code,Description FROM offer\_details WHERE Status='available';

7.Show the driver phone number,licence number whose name is Patrick.

SELECT License\_no,Phone FROM `car\_user` WHERE Fname='Patrick';

8. Display the type of vehicle having Minimum price.

SELECT Car\_Type,MIN(Price\_per\_day) as min\_price FROM car\_type;

9.Display the price of car Insurance whose type is 'Comprehesive'.

SELECT Insurance\_Price from car\_insurance WHERE Insurance\_Type='Comprehensive';

10.Write a query to fetch the number of Additional Driver working.

SELECT COUNT(\*) FROM additional\_driver;

11.Write query to find all the car whose price is between 20 to 100 per day.

SELECT \* FROM car\_type WHERE Price\_Per\_Day BETWEEN '20' AND '100';

12. Select all the different values from the Insurance type column in the car insurance table.

SELECT DISTINCT Insurance\_type FROM car\_insurance;

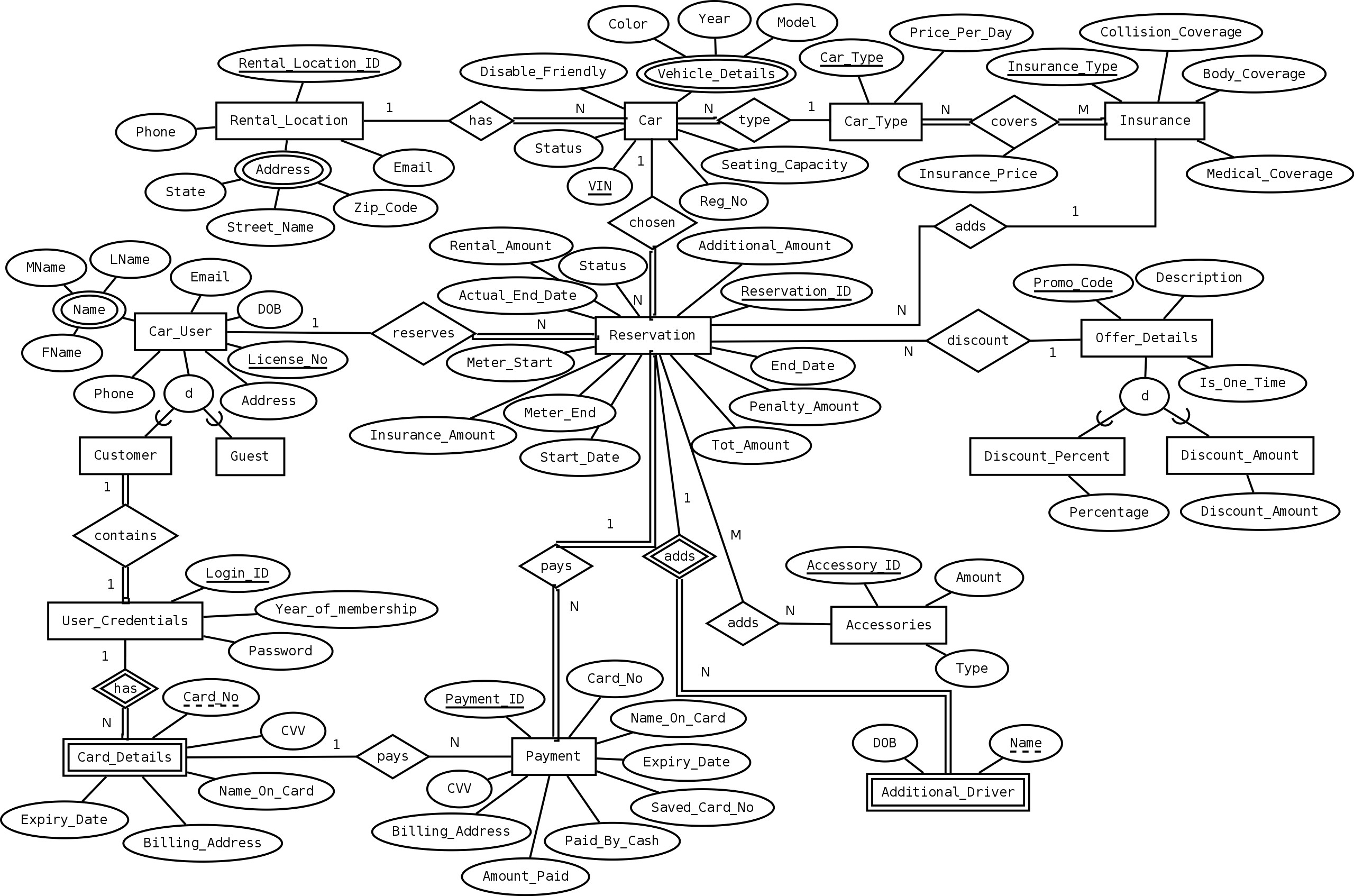
13.Display car size is the most preferred.

SELECT seating\_capacity FROM car WHERE Model = (SELECT MAX(seating\_capacity) FROM car);

14.Delete all the reservations for customer whose last name starts with ‘S’

### DELETE FROM RESERVATION WHERE Reservation\_ID IN (SELECT Reservation\_ID FROM car\_user WHERE LAST\_NAME LIKE 'S%');

**ER Diagram-**



**Schema Diagram:-**

