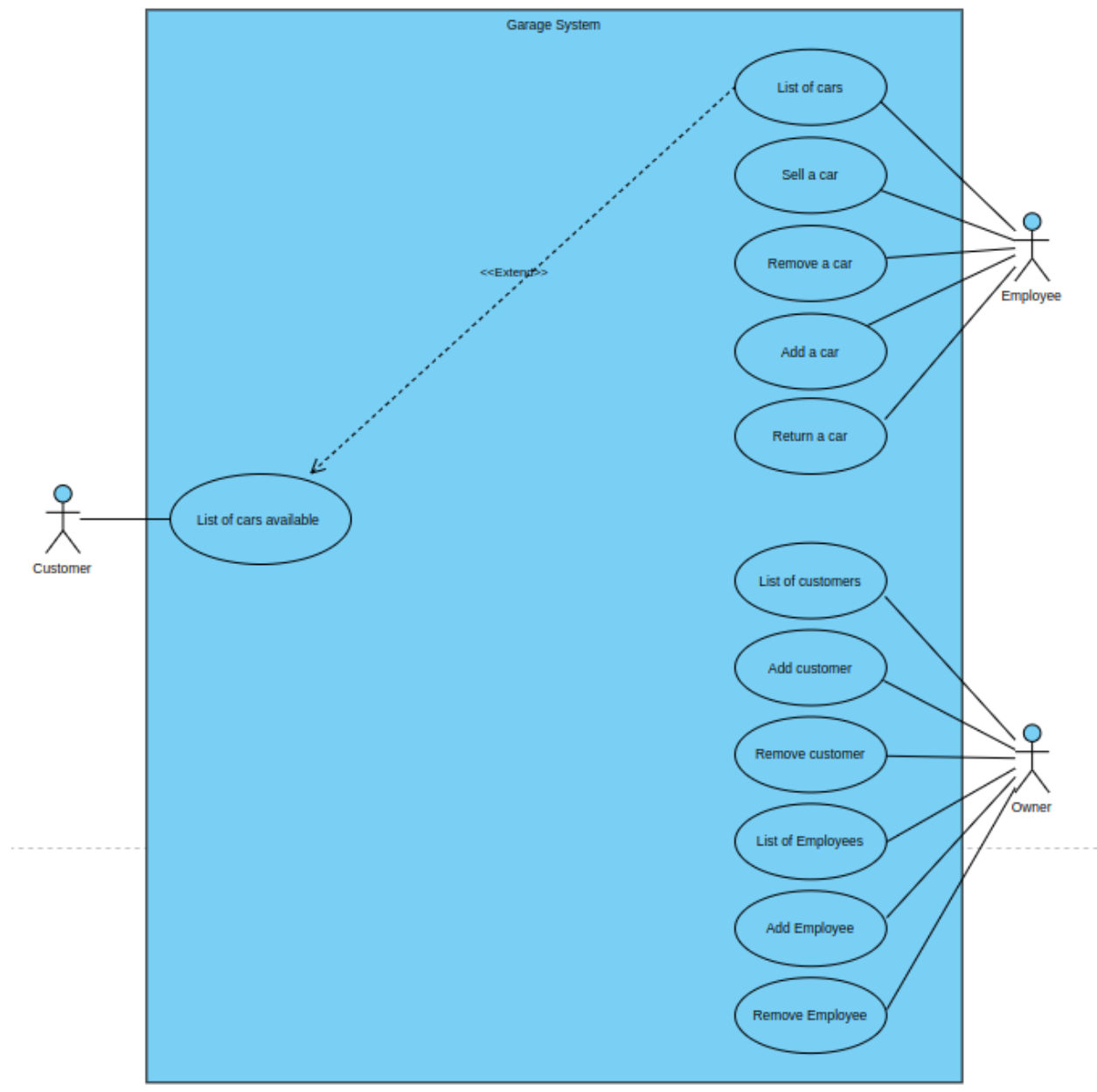


Database Project Report

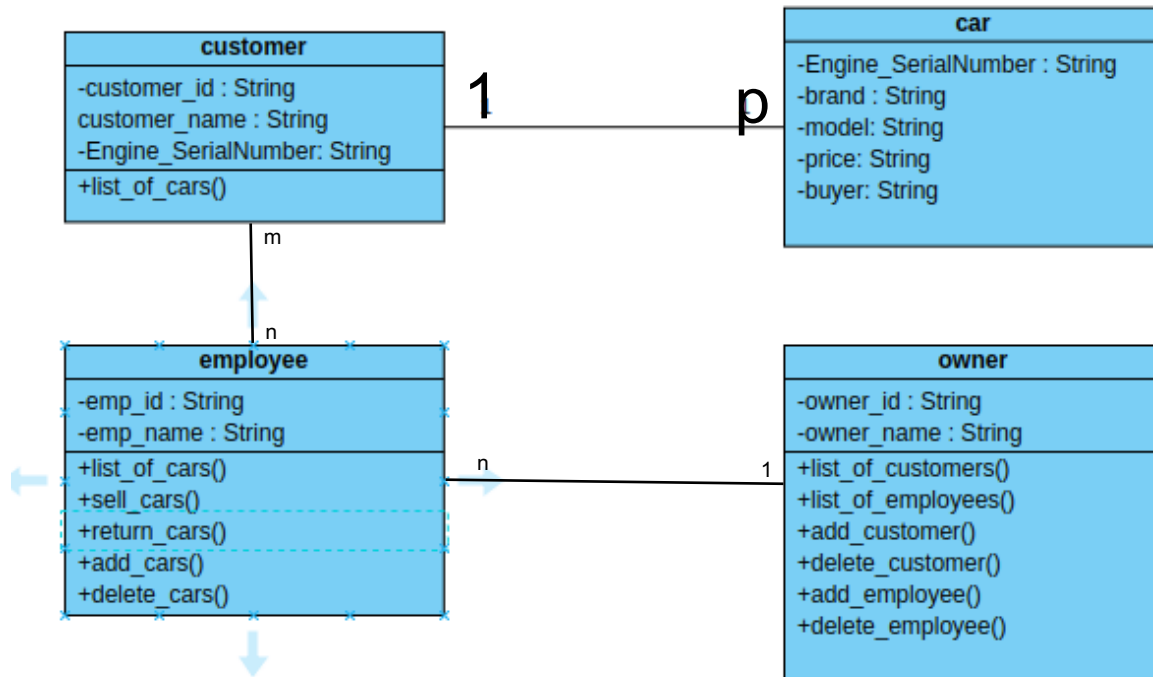
Garage Management

By Jainav Sanghvi
IMT2020098

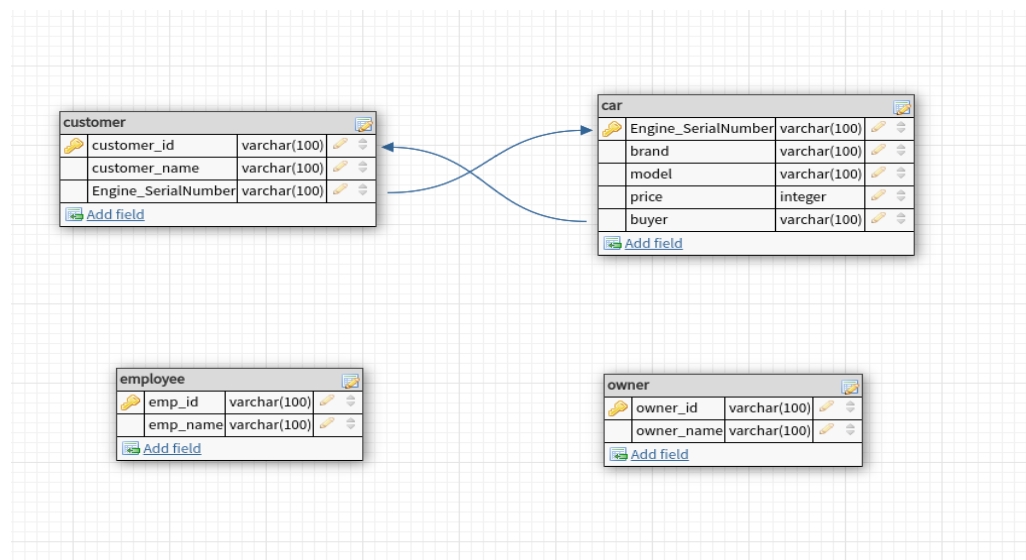
1. Use Case Diagram



2. UML Diagram



3. OR Mapping (DB Design)



4. Output Screenshots

Main Menu

```
Welcome to Jainav's Garage!

Login as a :-
1) Customer
2) Employee
3) Owner
0) Exit

PLEASE ENTER YOUR CHOICE: █
```

Customer Menu

```
Please select an option:-
1) List of available cars
0) Exit

PLEASE ENTER YOUR CHOICE : █
```

List of Cars

```
List of available cars:

Engine_SerialNumber : A1000
Brand : Ford
Model : Mustang
Price : 7461000.0
Car Buyer : null

Engine_SerialNumber : B2001
Brand : Tesla
Model : Model S
Price : 1.5E7
Car Buyer : null

Engine_SerialNumber : C3002
Brand : Range Rover
Model : Range Rover Sport S
Price : 9126527.0
Car Buyer : null
```

Employee Menu

```
Please select an option:-  
1) List of all cars  
2) List of cars presently in store  
3) Sell a car  
4) Return a car  
5) Add a car  
6) Delete a car  
0) Exit
```

```
ENTER YOUR CHOICE : █
```

Sell Cars

```
List of available cars:
```

```
Engine_SerialNumber : A1000  
Brand : Ford  
Model : Mustang  
Price : 7461000.0
```

```
Engine_SerialNumber : B2001  
Brand : Tesla  
Model : Model S  
Price : 1.5E7
```

```
Engine_SerialNumber : C3002  
Brand : Range Rover  
Model : Range Rover Sport S  
Price : 9126527.0
```

```
Enter Engine_SerialNumber of car : A1000  
Enter customer id : e1█
```

Return Cars

```
Enter Engine_SerialNumber : A1000█
```

Car has been returned!!

Please select an option:-

- 1) List of all cars
- 2) List of cars presently in store
- 3) Sell a car
- 4) Return a car
- 5) Add a car
- 6) Delete a car
- 0) Exit

ENTER YOUR CHOICE : █

Delete Cars

Enter Engine_SerialNumber : A1000█

Car has been deleted successfully!!

Please select an option:-

- 1) List of all cars
- 2) List of cars presently in store
- 3) Sell a car
- 4) Return a car
- 5) Add a car
- 6) Delete a car
- 0) Exit

ENTER YOUR CHOICE : █

Owner Menu

Please select an option:-

- 1) List of customers
- 2) List of employees
- 3) Add a customer
- 4) Remove a customer
- 5) Add an employee
- 6) Delete an employee
- 0) Exit

PLEASE ENTER YOUR CHOICE : █

List of Customers

```
List of customers:

Customer Id : 1
Customer Name : Rahul

Customer Id : 2
Customer Name : Abdul

Customer Id : 3
Customer Name : Arya

Customer Id : 4
Customer Name : Rakshit
```

List of Employees

```
List of employees:

Employee Id : e1
Employee Name: Aditya
```

Add Customer

```
Please select an option:-
1) List of customers
2) List of employees
3) Add a customer
4) Remove a customer
5) Add an employee
6) Delete an employee
0) Exit

PLEASE ENTER YOUR CHOICE : 3
Enter customer id : e2
Enter customer name : Raj
```

```
Customer has been successfully added!!
```

Delete Customer

```
Please select an option:-  
1) List of customers  
2) List of employees  
3) Add a customer  
4) Remove a customer  
5) Add an employee  
6) Delete an employee  
0) Exit  
  
PLEASE ENTER YOUR CHOICE : 4  
Enter customer id : e2
```

```
Customer has been deleted successfully!!
```

Add Employee

```
Please select an option:-  
1) List of customers  
2) List of employees  
3) Add a customer  
4) Remove a customer  
5) Add an employee  
6) Delete an employee  
0) Exit  
  
PLEASE ENTER YOUR CHOICE : 5  
Enter Employee ID : e2  
Enter Employee Name : Rohan
```

```
Employee has been successfully added!!
```


Delete Employee

Please select an option:-

- 1) List of customers
- 2) List of employees
- 3) Add a customer
- 4) Remove a customer
- 5) Add an employee
- 6) Delete an employee
- 0) Exit

PLEASE ENTER YOUR CHOICE : 6

Enter Employee id : e2

Employee has been deleted successfully!!