Group 4:

Clement Justus S

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**DATABASE Design**

1. **Customer**

|  |
| --- |
| Customer |
| ID:1180  Name: Raju  Address: Bangalore  Contact:1234567890  Gender: Male  Age:30 |

1. **Cars**

|  |
| --- |
| Car |
| ID:100  Car Name: Toyota  Car Body: convertible/Hatchback/sedan  Car Price: 17859 |

|  |
| --- |
| Fuel |
| Fuel-ID:01  Type: Petrol/Diesel  Fuel system: mpfi/  2bbl |

1. **Fuel**
2. **Engine**

|  |
| --- |
| Engine |
| Type: dohc/ohc  Location: rwd/fwd  Size: 130/152 |

1. **Mileage**

|  |
| --- |
| Mileage |
| City Mileage:21  Highway Mileage:27 |

**Architecture diagram**

**Car Price**

City Mileage

Highway Mileage

Fuel-ID

Type

Fuel system

ID

Car Name

Car Body

Car Price

ID

Name

Address

Contact

Gender

Age

**ge**

Type

Location

Size

**Mileage**

**Engine**

**Fuel**

**Car**

**Customer**

**UM**

**UML Diagram**

1. **Class Diagram**

**Car**

**Customer**

**Cust\_id:integer**

**Name:string**

**Address:Varchar**

**Contact: Integer**

**Gender: String**

**Age:Integer**

**Car\_id: Integer**

**Name: String length:Float**

**Price: Float**

**1 1**

**Mileage**

**Customer**

**Cust\_id:integer**

**Name:string**

**Contact: Integer**

**Gender: String**

**Age:Integer**

**1 1**

**City Mileage:Integer**

**Highway Mileage:Integer**

1. **Use-case Diagram**

Authentication

Login

Select Features

<<include>>

Car Price

Car

**customer**

Mileage

Admin

Price queries

Customer support