Vehicle Rental System
Relational schema

- Vehicle (**Vehicle_ID** , Model , Class , Brand , Current_Mileage , Current_Location , Kilometers_Per_Maintenance , Number_Of_Kilometers , Ownership , Hourly_Rental_Rate , Vehicle_State , Last_Maintenance_Mileage).

    o Where : Vehicle.Number_Of_Kilometers = Current_Mileage - Last_Maintenance_Mileage.

- Customer (**SSN** , E-Mail , Address , First_Name , Middle_Name , Last_Name).

- Customer_PhoneNumbers (**SSN , PhoneNumber**).
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    o Customer_PhoneNumbers.SSN references Customer.

- Customer_PaymentMethods (**SSN , PaymentMethod**).
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    o Customer_PaymentMethods.SSN references Customer.

- Employee (**Employee_ID** , Address , First_Name , Middle_Name , Last_Name , Hours_Per_Week).

- Employee_PhoneNumbers (**Employee_ID , PhoneNumber**).
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    o Employee_PhoneNumbers.Employee_ID references Employee.

– Employee_E-mails (**Employee_ID , E-mail**).
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  o Employee_E-mails.Employee_ID references Employee.

– Location (**Location_ID** , Max_Capacity ,Current_Capacity , Available_Capacity).

  o Where : Available_Capacity = Max_Capacity – Current_Capacity.

– Insurance_Company (**Name** , E-mail , Fax_Number)

– Extras (**Extra_ID** , Type , Daily_Rented_Rate)

– Motorcycle (**ID** , Fuel_Type)
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  o Motorcycle.ID references vehicle

– E-scooter (**ID** , Battery_Level)
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  o E-scooter.ID references vehicle

– Rent_motorcycle(**SSN,ID**, driver_liscence,Rent_Type,Rent_value)
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  o Rent_motorcycle.SSN refrences customer
  o Rent_motorcycle.ID refrences Vehicle

– Rent_Scooter(**SSN,ID**, Rent_Type,Rent_Value)
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  o Rent_Scooter.SSN references customer
  o Rent_Scooter.ID refrences Vehicle

- Rent_Extra(**SSN,ID**, Rent_Value)

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    o Rent_Extra.SSN references Customer
    o Rent_Extra.ID references Extra

- Insure (**SSN,ID,Name** ,Insurance_scheme,Insurance_Daily_rate)

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    o Insure.SSN references Customer
    o Insure.ID references Vehicle
    o Insure.Name references Insurance_company

- Gift(**SNN,ID**,card_Value)

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    o Gift.SNN references Customer
    o Gift.ID references Employee

- Crash(**SSN,ID,**Crash_Report)

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    o Crash.SSN references Customer
    o Crash.ID references Vehicle

- Inspect(**Employee,Vehicle** ,Inspection_report)

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    o Inspect.Employee references Employee
    o Inspect.Vehicle references Vehicle

- Parks(**vehicle_ID,Location_ID**)

- o Parks.vehicle_ID references Vehicle
- o Parks.location_ID references Location

- Maintain(**vehicle_ID,Location_ID**, maintenance_report)

  - o Maintain.vehicle_ID references vehicle
  - o Maintain.Location_ID references Location

- Issue (**Location_ID ,SSN,Name**, Custome_Bill,Insurance_Bill)

  - o Issue.Location_ID references Location
  - o Issue.SSN references Customer
  - o Issue.Name references Insurance_Company