**DDL Commands**

-------------------------------------Creating Database-----------------------------------

CREATE DATABASE DMDD\_Project

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DDL Statements\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

-------------------------------------Creating Table-------------------------------------

CREATE TABLE Customer (

Customer\_ID int not null,

Customer\_Name varchar (50),

Customer\_Address varchar (100),

Customer\_EmailID varchar (30),

Customer\_DOB date,

Customer\_PhoneNo varchar(20),

CONSTRAINT Customer\_PK Primary key (Customer\_ID)

);

CREATE TABLE Vehicle (

Vehicle\_ID varchar (10) not null,

Customer\_ID int not null,

Vehicle\_Type varchar (25),

Color varchar (10),

Manufactured\_Year date,

Price float,

Milage float,

Vehicle\_Model varchar (20),

Brand varchar (30),

Fuel\_Type varchar (25) CHECK (Fuel\_Type IN ('Gas' , 'Diesel')),

CONSTRAINT Vehicle\_PK Primary key (Vehicle\_ID),

CONSTRAINT Vehicle\_FK Foreign key (Customer\_ID) references Customer (Customer\_ID)

);

CREATE TABLE Payment (

Payment\_ID int not null,

Customer\_ID int not null,

Amount int,

Mode\_of\_Payment varchar (20) CHECK (Mode\_of\_Payment IN('Cash','Credit','Debit')),

CONSTRAINT Payment\_PK Primary key (Payment\_ID),

CONSTRAINT Payment\_FK Foreign key (Customer\_ID) references Customer(Customer\_ID)

);

CREATE TABLE Employee (

Employee\_ID varchar (10) not null,

Employee\_Name varchar (50),

EPhone\_No varchar(20),

Working\_hours int,

CONSTRAINT Employee\_PK Primary key (Employee\_ID)

);

CREATE TABLE [Service] (

Service\_ID int not null,

Vehicle\_ID varchar(10) not null,

Payment\_ID int not null,

Employee\_ID varchar(10) not null,

Date\_Time datetime,

Complaint\_Details varchar (100),

Request\_Type varchar (100),

CONSTRAINT [Service\_PK] Primary key (Service\_ID),

CONSTRAINT [Service\_FK1] Foreign key (Vehicle\_ID) references Vehicle(Vehicle\_ID),

CONSTRAINT [Service\_FK2] Foreign key (Payment\_ID) references Payment(Payment\_ID),

CONSTRAINT [Service\_FK3] Foreign key (Employee\_ID) references Employee(Employee\_ID)

);

CREATE TABLE Insurance (

Insurance\_No int not null,

Vehicle\_ID varchar(10) not null,

Insurance\_Options varchar (100) CHECK (Insurance\_Options IN('Liability Coverage', 'Comprehensive Coverage', 'Collision Coverage', 'Medical Payments Coverage', 'Personal Injury Protection')),

[Description] varchar (3000),

CONSTRAINT Insurance\_PK Primary key (Insurance\_No),

CONSTRAINT Insurance\_FK Foreign key (Vehicle\_ID) references Vehicle (Vehicle\_ID)

);

CREATE TABLE Inventory (

Inventory\_ID varchar(20) not null,

Parts\_Ordered int,

Manufacturer varchar (50),

Date\_of\_purchase date,

CONSTRAINT Inventory\_PK Primary key (Inventory\_ID),

);

CREATE TABLE Part (

Vehicle\_ID varchar (10) not null,

Inventory\_ID varchar(20) not null,

Part\_Type varchar (20),

Part\_Description varchar (100),

Price varchar(10),

Date\_of\_Assembly date,

Warranty\_Period int,

CONSTRAINT Part\_PK Primary key (Vehicle\_ID, Inventory\_ID),

CONSTRAINT Part\_FK1 Foreign key (Vehicle\_ID) references Vehicle (Vehicle\_ID),

CONSTRAINT Part\_FK2 Foreign key (Inventory\_ID) references Inventory(Inventory\_ID)

);

CREATE TABLE Vehicle\_Waranty (

Registration\_No varchar (20) not null,

Vehicle\_ID varchar(10) not null,

WPurchase\_Date date,

Warranty\_Period int,

Waranty\_Description varchar (100),

CONSTRAINT Vehicle\_Waranty\_PK Primary key (Registration\_No),

CONSTRAINT Vehicle\_Waranty\_FK Foreign key (Vehicle\_ID) references Vehicle (Vehicle\_ID)

);

CREATE TABLE Delivery (

Delivery\_ID varchar (20) not null,

Vehicle\_ID varchar(10) not null,

Delivery\_Location varchar (50),

Delivery\_Date date,

Delivery\_Time time,

CONSTRAINT Delivery\_PK Primary key (Delivery\_ID),

CONSTRAINT Delivery\_FK Foreign key (Vehicle\_ID) references Vehicle (Vehicle\_ID)

);

CREATE TABLE Payment\_H1

(

Payment\_ID int not null,

Customer\_ID int not null,

Amount int,

Mode\_of\_Payment varchar (20)

);