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**Database Management System**

**(*DBMS*)**

***Project Progress***

***CLASS ID: 107927***

***Car Showroom Database Report***

**Project Features (SQL Tables Requirement):**

1): Users (Done)

2): Dealers (Done)

3): Customers (Done)

4): Company (Done)

5): Vehicles (Done)

6): Payment (Done)

7): Sales (Done)

8): Purchase (Done)

9): Stock (Done)

10): Documentation

11): Services (Done)

12): Booking (Done)

13): Rates (Done)

14): Spare Parts Ka Stock (Done)

15): Employee (Done)

16): Billing (Service Ka) (Done)

17): Tax (Done)

18): Expence (Done)

**SQL Table Querys:**

-------------------------------- Create Database db\_CarShowroom --------------------------------

create database db\_CarShowroom

-------------------------------- Add Tables In Our Database --------------------------------

create table tblUserType

(

UserTypeID int primary key identity (1, 1),

UserType nvarchar(150) not null

)

create table tblUsers

(

UserID int primary key identity (1, 1),

UserType int references tblUserType not null,

Username nvarchar(150) not null,

UserPassword nvarchar(150) not null

)

create table tblCompany

(

CompanyID int primary key identity (1, 1),

CompanyName nvarchar(150) not null

)

create table tblVehicleType

(

VehicleTypeID int primary key identity (1, 1),

VehicleType nvarchar(150) not null

)

create table tblDealer

(

DealerID int primary key identity (1, 1),

DealerName nvarchar(150) not null,

Contactno nvarchar(150) not null,

CompanyName int references tblCompany(CompanyID),

CNIC nvarchar(150) not null,

EmailID nvarchar(150) not null,

DealerAddress nvarchar(150) not null,

DealerImage nvarchar(150) not null,

DealerImagePath nvarchar(150) not null,

DealerStatus nvarchar(150) not null

)

create table tblVehicle

(

VehicleID int primary key identity (1, 1),

Dealer int references tblDealer(DealerID) not null,

VehicleName nvarchar(150) not null,

Model nvarchar(150) not null,

Color nvarchar(150) not null,

EngineType nvarchar(150) not null,

VehicleType int references tblVehicleType(VehicleTypeID) not null,

Company int references tblCompany(CompanyID) not null,

Discription nvarchar(150) not null,

VehicleCost int,

CreatedDate date not null,

IsNew bit not null,

VehicleStatus nvarchar(150) not null

)

create table tblPaymentType

(

PaymentTypeID int primary key identity (1, 1),

PaymentType nvarchar(150) not null

)

create table tblCustomer

(

CustomerID int primary key identity (1, 1),

FirstName nvarchar(150) not null,

LastName nvarchar(150) not null,

Contactno nvarchar(150) not null,

CNIC nvarchar(150) not null,

EmailID nvarchar(150) not null,

CustomerAddress nvarchar(150) not null,

City nvarchar(150) not null,

CustomerState nvarchar(150) not null,

Gender nvarchar(150) not null,

CreateDate date not null,

CustomerStatus nvarchar(150) not null

)

create table tblShowroom

(

ShowroomID int primary key identity (1, 1),

Dealer int references tblDealer(DealerID),

ShowroomName nvarchar(150) not null,

ShowroomImage nvarchar(150) not null,

ShowroomImagePath nvarchar(150) not null,

ContactNo nvarchar(150) not null,

ShowroomAddress nvarchar(150) not null,

City nvarchar(150) not null,

ShowroomState nvarchar(150) not null,

Pincode nvarchar(150) not null,

ShowroomStatus nvarchar(150) not null,

)

create table tblTax

(

TaxID int primary key identity (1, 1),

TaxDescription nvarchar(150) not null,

Tax float not null,

TaxStatus nvarchar(150) not null,

)

create table tblSales

(

SalesID int primary key identity (1, 1),

BookingDate date not null,

DeliveryDate date not null,

PaymentType int references tblPaymentType(PaymentTypeID) not null,

SaleDescription nvarchar(150) not null,

SalesStatus nvarchar(150) not null

)

create table tblSalesDetail

(

SalesDetailID int primary key identity (1, 1),

SalesID int references tblSales(SalesID),

Vehicle int references tblVehicle(VehicleID),

Customer int references tblCustomer(CustomerID),

Tax int references tblTax(TaxID),

SellPrice int not null,

Showroom int references tblShowroom(ShowroomID)

)

create table tblPurchase

(

PurchaseID int primary key identity (1, 1),

Dealer int references tblDealer(DealerID),

PurchaseDate date not null,

ShipmentID nvarchar(150) not null,

ShipmentTotal int not null,

PaymentType int references tblPaymentType(PaymentTypeID) not null,

PurchaseDescription nvarchar(150) not null,

SalesStatus nvarchar(150) not null

)

create table tblPurchaseDetail

(

PurchaseDetailID int primary key identity (1, 1),

PurchaseID int references tblPurchase(PurchaseID),

Vehicle int references tblVehicle(VehicleID),

Quantity int not null,

Tax int references tblTax(TaxID),

PurchasePrice int not null,

SellPrice int not null,

Showroom int references tblShowroom(ShowroomID)

)

create table tblBooking

(

BookingID int primary key identity (1, 1),

Customer int references tblCustomer(CustomerID),

Vehicle int references tblVehicle(VehicleID),

BookingNumber nvarchar(150) not null,

BookingDate date not null,

EndDate date not null,

Commission float not null,

Tax int references tblTax(TaxID),

AmountPaid int,

BookingStatus nvarchar(150) not null

)

create table tblVehicleServiceType

(

VehicleTypeDetialID int primary key identity (1, 1),

VehicleType nvarchar(150) not null

)

create table tblServiceDetail

(

ServiceVehicleTypeID int primary key identity (1, 1),

ServiceType int references tblVehicleServiceType(VehicleTypeDetialID),

VehicleName nvarchar(150) not null,

VehicleNo nvarchar(150) not null,

Color nvarchar(150) not null,

Model nvarchar(150) not null,

Price int not null

)

create table tblService

(

ServiceDetailID int primary key identity (1, 1),

ServiceType int references tblServiceDetail(ServiceVehicleTypeID),

Customer int references tblCustomer(CustomerID),

ServiceDate date not null,

ServiceStatus nvarchar(150) not null

)

create table tblEmployee

(

EmployeeID int primary key identity (1, 1),

EmployeeName nvarchar(150) not null,

ContactNo nvarchar(150) not null,

CNIC nvarchar(150) not null,

EmployeeAddress nvarchar(150) not null,

Gender nvarchar(150) not null,

JoinDate date not null,

Salary nvarchar(150) not null,

EmployeeImage nvarchar(150) not null,

ImagePath nvarchar(150) not null,

EmployeeStatus nvarchar(150) not null

)

create table tblSpareProductType

(

ProductDiscriptionID int primary key identity (1, 1),

Company int references tblCompany(CompanyID),

ProductType nvarchar(150) not null,

)

create table tblSpareProduct

(

ProductID int primary key identity (1, 1),

ProductType int references tblSpareProductType(ProductDiscriptionID),

ProductName nvarchar(150),

Quantity nvarchar(150) not null,

ProductDate date not null,

Price nvarchar(150) not null,

ProductStatus nvarchar(150) not null

)

create table tblStock

(

StockID int primary key identity (1, 1),

VehicleProduct int references tblVehicle(VehicleID),

SpareProduct int references tblSpareProduct(ProductID),

AvaliableQuantity int not null,

StockStatus nvarchar(150) not null

)

create table tblExpenceBills

(

ExpenceBillsID int primary key identity (1, 1),

ElectricityBill int not null,

WaterBill int not null,

GasBill int not null,

PhoneBill int

)

create table tblExpence

(

ExpenceID int primary key identity (1, 1),

ExpenceBillsID int references tblExpenceBills(ExpenceBillsID),

Bill int not null,

Rent int not null,

Salaries int not null,

Insurance int not null,

AdvertisementExp int not null,

MarketingExp int not null,

FoodExp int not null,

Commissions int not null,

TransactionFees int not null,

Other int not null,

ExpenceMonth nvarchar(150) not null,

ExpenceDate date not null,

ExpenceStatus nvarchar(150) not null

)

**Database Diagram:**

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