**VEHICLE SHOWROOM MANAGEMENT SYSTEM**

Project submitted to the

SRM University – AP, Andhra Pradesh

for the partial fulfillment of the requirements to award the degree of

**Bachelor of Technology/Master of Technology**

In

**Computer Science and Engineering**

**School of Engineering and Sciences**

Submitted by

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Under the Guidance of

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**Andhra Pradesh – 522 240**

**[Month, Year]**

# Certificate

Date: 17-Dec-22

This is to certify that the work present in this Project entitled “**VEHICLE SHOWROOM MANAGEMENT SYSTEM**” has been carried out by **Shaik. Faiyajuddin** under my/our supervision. The work is genuine, original, and suitable for submission to the SRM University – AP for the award of Bachelor of Technology/Master of Technology in **School of Engineering and Sciences**.

**Supervisor**

(Signature)

Prof. / Dr. Rajiv Senapati Sir

Designation,

Affiliation.

# Acknowledgements

We thank Dr.Rajiv Senapati sir, our professor in charge, for the help and direction in finishing our project on the subject Database Management System. It was a fantastic learning oportunity.This subject has given me an opportunity to explore the field I have always been curious about. Your insightful counsel and recommendations were quite beneficial to me as I finished the assignment. I will always be grateful to you sir for this.

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# Abstract

This project is basically about creating a database management system for managing a vehicle showroom . Aim of the project is to create a backend program of the processes taking place using SQL. This model deals with the relationship between the customer, Vehicle and Showroom. The other entities play a supportive weak role. So, this helps the showroom to keep record of vehicles sold to the customer and also keep the record of the vehicles available.

Regarding the registration module, it contains the information about new customers details like name of the customer, customer details etc. Vehicle Details module contains the details like Name of the Vehicle, send from, send to etc. Billing and Payment Detail will contain the details like Actual Amount to be paid, emi. Searching is having the details of the customer. Manager can search the details of the customer it will show all details like customer Details, vehicle name, payment type etc. This "Vehicle Showroom Management System" project mainly contains the vehicle information, customer details and loan recovering details.

# Introduction

This is a live project which was developed for a local Vehicle Showroom. It is useful to the manager to maintain the Customers details, sales Details, Showroom items, services and also Vehicle Details. If any customer buy a vehicle in loan that persons vehicle will recognizes with the help of vehicle\_ID. Vehicle Recognition System, which will cover the following modules. The manager will enter the vehicle No It will help the user to search the vehicle details and the required details of the customer. The manager enters the customer details and maintain showroom details.

Vehicle showroom management system is ideal for dealers or resellers of any size. The vehicle showroom control panel can be installed on any Operating System. The product features include: easy stock inventory updates, full user management, marketing reports, and easy to access.

# Methodology

**2.1 Identification of list of Entities:**

1. MANAGER

2. DEALER

3. SHOWROOM

4. VEHICLE

5. SALES

6. CUSTOMER

7. WORKER

8. BOOKING

9. PAYMENT

10. BILLING

11. TAX



## 2.2 Identification of Attributes of Entities:

**MANAGER:** (MANAGER\_ID, MFIRST\_NAME, MMIDDLE\_NAME, MLAST\_NAME, MANAGER\_QUALIFICATION , MANAGER\_D.O.B, LOCATION, CITY, STATE, MANAGER\_CONTACT ,GENDER)

**DEALER:** (DEALER\_ID, DFIRST\_NAME, DMIDDLE\_NAME, DLAST\_NAME, LOCATION, CITY, STATE, GENDER, DEALER\_CONTACT)

**SHOWROOM:** (SHOWROOM\_ID, SHOWROOM\_NAME, LOCATION, CITY, STATE, SHOWROOM\_CONTACT)

**VEHICLE**: (VEHICLE\_ID, VEHICLE\_NAME, VEHICLE\_TYPE, VEHICLE\_COST, VEHICLE\_DESCRIPTION, CREATE\_DATE, STATUS, VEHICLE\_MODEL)

**SALES**: (SALES\_ID, COST, SALES\_DESCRIPTION, ORDER\_DATE, DELIVARY\_DATE, CITY, STATE)

**CUSTOMER**: (CUSTOMER\_ID, CFIRST\_NAME, CMIDDLE\_NAME, CLAST\_NAME, LOCATION, CITY, STATE, GENDER, CUSTOMER\_CONTACT, CUSTOMER\_EMAILID)

**WORKER**: (WORKER\_ID, WFIRST\_NAME, WMIDDLE\_NAME, WLAST\_NAME, WORKER\_TYPE, WORKER\_SALARY, GENDER, WORKER\_DESCRIPTION, WORKER\_CONTACT)

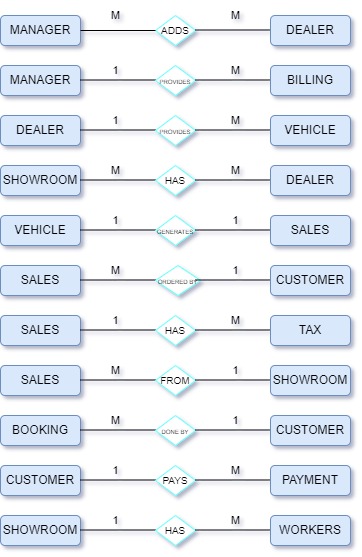
**BOOKING**: (BOOKING\_ID, BOOKING\_DATE, BOOKING\_PAYMENT, AMOUNT, BOOKING\_TYPE)

**PAYMENT**: (PAYMENT\_ID, PAYMENT\_DATE, PAYMENT\_AMOUNT, PAYMENT\_TYPE, STATUS)

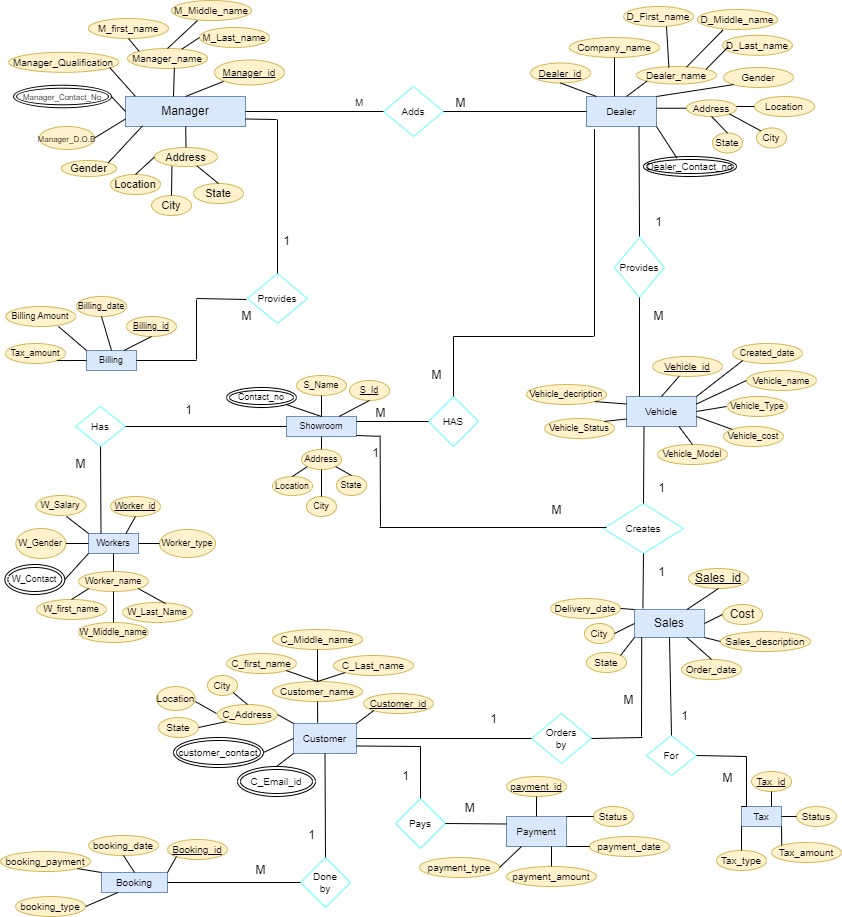
**BILLING**: (BILLING\_ID, BILLING\_DATE, BILLING\_AMOUNT, TAX\_AMOUNT)

**TAX**: (TAX\_ID, TAX\_AMOUNT, TAX\_TYPE, STATUS)

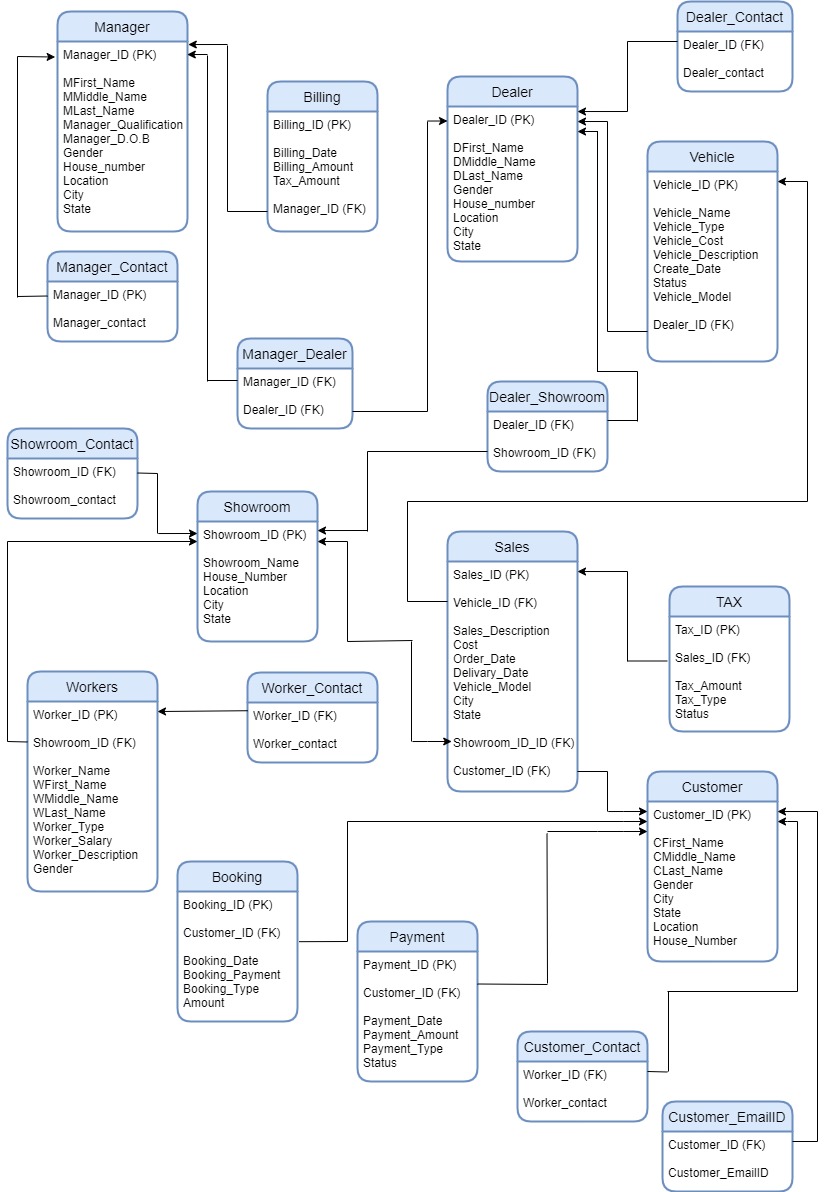
### 2.3 Identification of relationship between the Entities:



**2.4 E-R Model:**

****

**2.5 Relational Model:**

****

**2.6 Normalization:**

**Manager Table:**

Attributes.'-

Manager-ID, Mfirst\_name, Mmiddle\_name, Mlast-name, Manager\_qualification, Manager-DOB, House-number, Location, City, State.

functional Dependencies:-

Manager – ID 🡪 Mfirst\_name

Manager ID 🡪 Mmiddle\_name

Manager ID 🡪 Mlast\_name

Manager ID 🡪 Manager\_qualification

Manager-ID 🡪 Manager\_D.O.B

Manager-ID 🡪 House\_number

Manager-ID 🡪 Location

Manager-ID 🡪 City

Manager-ID 🡪 State

Manager-ID 🡪 Gender

Primary Key: Manager\_ ID

**First Normal Form(1NF):**

CONDITION: If a relation is said to be in 1NF only if it has no non atomic attributes in it.

The table is already in First Normal Form because there are no non atomic attributes present in it.

Manager-ID, Mfirst\_name, Mmiddle\_name, Mlast-name, Manager\_qualification, Manager-DOB, House-number, Location, City, State attributes are atomic attributes. So, the relation satisfies 1NF.

**Second Normal Form(2NF):**

If a relation is said to be in 2NF then the relation should be in 1NF and should satisfy any one of the below conditions.

CONDITIONS: 1. If the primary key consists of only one attribute.

2.If there exists no non key attributes.

3. Every non key attribute present in the relation should be fully functionally dependent on the full set of the primary key.

The table is already in 2NF because it is 1NF and satisfies the first condition of the second normal form. The relation has only one attribute as Primary key in it (Manager\_ ID).

**Third Normal Form(3NF):**

CONDITION: If a relation is said to be in 3NF only if the relation is in 1NF, 2NF & it has no transitive functional dependency in it.

The table is already in 3NF because it is in 1NF, 2NF and there is no transitive functional dependency in the table. Manager-ID, Mfirst\_name, Mmiddle\_name, Mlast-name, Manager\_qualification, Manager-DOB, House-number, Location, City, State attributes have no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

If a relation is said to be in fourth normal form(4NF) only if it has no multivalued dependencies.

The table is already in 4NF because it has no multivalued dependencies. Manager-ID, Mfirst\_name, Mmiddle\_name, Mlast-name, Manager\_qualification, Manager-DOB, House-number, Location, City, State attributes in the relation are single valued attributes. So, it satisfies the 4NF.

**Billing Table:**

Attributes:

Billing\_ID, Billing\_amount, Billing\_date, Tax\_amount

Functional Dependencies:

Billing\_ID 🡪 Billing\_date

Billing\_ID 🡪 Billing\_amount

Billing\_ID 🡪 Tax\_amount

Primary Key: Billing\_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes present in it. Billing\_ID, Billing\_amount, Billing\_date, Tax\_amount are atomic attributes. So, the relation satisfy the 1NF.

**Second Normal Form(2NF):**

The Table is already in 2NF because the table is in 1NF & it satisfies the first condition of the second normal form. The relation has only one attribute as Primary key in it (Billing\_ ID). So, it satisfy the 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & it has no transitive functional dependency in it. Billing\_ID, Billing\_amount, Billing\_date, Tax\_amount has no transitive functional dependency between them. So, it satisfies the 3NF.

**Fourth Normal Form(4NF):**The table is already in 4NF because it has no multivalued dependency present in it. Billing\_ID, Billing\_amount, Billing\_date, Tax\_amount are single valued attributes. So, the relation satisfies the 4NF.

**Vehicle Table:**

Attributes:

Vehicle\_ID, Vehicle\_Type, Vehicle\_cost, Vehicle\_description, Create\_date, Status, Vehicle\_model

Functional Dependencies:

Vehicle\_ID 🡪 Vehicle\_Type

Vehicle\_ID 🡪 Vehicle\_cost

Vehicle\_ID 🡪 Vehicle\_description

Vehicle\_ID 🡪 Vehicle\_model

Vehicle\_ID 🡪 Create\_date

Vehicle\_ID 🡪 Status

Primary Key: Vehicle\_iD

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes present in it. Vehicle\_ID, Vehicle\_Type, Vehicle\_cost, Vehicle\_description, Create\_date, Status, Vehicle\_model are atomic attributes. So, it satisfies 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute as a Primary key in it.

The relation has only one attribute (Vehicle\_ID) as a Primary key. So, it satisfy the 2NF

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes. Vehicle\_ID, Vehicle\_Type, Vehicle\_cost, Vehicle\_description, Create\_date, Status, Vehicle\_model has no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Vehicle\_ID, Vehicle\_Type, Vehicle\_cost, Vehicle\_description, Create\_date, Status, Vehicle\_model attributes are single valued attributes. So, it satisfies the 4NF.

**Sales Table:**

Attributes:

Sales\_ID, cost, Sales\_description, Order\_date, Delivary\_date, city, state

Functional Dependencies:

Sales\_ID 🡪 cost

Sales\_ID 🡪 Sales\_description

Sales\_ID 🡪 Order\_date

Sales\_ID 🡪 Delivary\_date

Sales\_ID 🡪 city

Sales\_ID 🡪 state

Primary Key: Sales\_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Sales\_ID, cost, Sales\_description, Order\_date, Delivary\_date, city, state attributes are atomic attributes. So, the relation satisfies 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute(Sales\_ID) as Primary Key in it which satisfies the first condition of 2NF. So, the relation satisfy the 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes. Sales\_ID, cost, Sales\_description, Order\_date, Delivary\_date, city, state attributes has no transitive functional dependency between them. So, they satisfy the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Sales\_ID, cost, Sales\_description, Order\_date, Delivary\_date, city, state attributes are single valued attributes. So, they satisfy the 4NF.

**Showroom Table:**

Attributes:

Showroom\_ID, Showroom\_Name, Location, city, state

Functional Dependencies:  
Showroom\_ID 🡪 Showroom\_Name

Showroom\_ID 🡪 Location

Showroom\_ID 🡪 city

Showroom\_ID 🡪 State

Primary Key: Showroom\_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Showroom\_ID, Showroom\_Name, Location, city, state attributes are atomic attributes so, the relation satisfies the 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute(Showroom\_ID) as primary key in it which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes. Showroom\_ID, Showroom\_Name, Location, city, state attributes has no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Showroom\_ID, Showroom\_Name, Location, city, state attributes are single valued attributes so, the relation satisfies the 4NF.

**Worker\_Table:**

Attributes:

Worker\_ID, Wfirst\_name, Wmiddle\_name, Wlast\_name, Worker\_type, Worker\_salary, Worker\_description, Gender.

Worker\_ID 🡪 Wfirst\_name

Worker\_ID 🡪 Wmiddle\_name

Worker \_ID 🡪 Wlast\_name

Worker \_ID 🡪 Worker\_type

Worker \_ID 🡪 Worker\_salary

Worker \_ID 🡪 Worker\_description

Worker \_ID 🡪 Gender

Primary Key: Worker\_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Worker\_ID, Wfirst\_name, Wmiddle\_name, Wlast\_name, Worker\_type, Worker\_salary, Worker\_description, Gender attributes are atomic attributes so, the relation satisfies the 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute(Worker\_ID) as primary key in it which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes Worker\_ID, Wfirst\_name, Wmiddle\_name, Wlast\_name, Worker\_type, Worker\_salary, Worker\_description, Gender attributes has no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Worker\_ID, Wfirst\_name, Wmiddle\_name, Wlast\_name, Worker\_type, Worker\_salary, Worker\_description, Gender attributes are single valued attributes so, the relation satisfies the 4NF.

**Booking Table:**

Attributes:

Booking\_ ID, Booking\_ date, Booking\_ payment, Amount, Booking \_type

Functional Dependencies:

Booking \_ID 🡪 Booking \_date

Booking \_ID 🡪 Booking \_payment

Booking \_ID 🡪 Booking \_type

Booking \_ID 🡪 Amount

Primary Key: Booking \_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Booking\_ ID, Booking\_ date, Booking\_ payment, Amount, Booking \_type attributes are atomic attributes so, the relation satisfies the 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute (Booking\_ID) primary key in it which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes. Booking\_ ID, Booking\_ date, Booking\_ payment, Amount, Booking \_type attributes has no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Booking\_ ID, Booking\_ date, Booking\_ payment, Amount, Booking \_type attributes are single valued attributes so, the relation satisfies the 4NF.

**Payment Table:**

Attributes:

Payment\_ ID, Payment\_ date, Payment\_ Amount, Payment\_ type, Status

Functional Dependencies:

Payment \_ID 🡪 Payment \_date

Payment \_ID 🡪 Payment \_Amount

Payment \_ID 🡪 Payment \_type

Payment \_ID 🡪 Status

Primary Key: Payment \_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Payment\_ ID, Payment\_ date, Payment\_ Amount, Payment\_ type, Status attributes are atomic attributes so, the relation satisfies the 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one primary key in it which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes. Payment\_ ID, Payment\_ date, Payment\_ Amount, Payment\_ type, Status attributes has no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Payment\_ ID, Payment\_ date, Payment\_ Amount, Payment\_ type, Status attributes are single valued attributes so, the relation satisfies the 4NF.

**Customer Table:**

Attributes:

Customer\_ID, Cfirst\_ name, Cmiddle\_ name, Clast\_name, Location, city, state.

Functional Dependencies:

Customer \_ID 🡪 Cfirst\_ name

Customer \_ID 🡪 Cmiddle\_ name

Customer \_ID 🡪 Clast\_name

Customer \_ID 🡪 Location

Customer \_ID 🡪 city

Customer \_ID 🡪 State

Primary Key: Customer \_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Customer\_ID, Cfirst\_ name, Cmiddle\_ name, Clast\_name, Location, city, state attributes are atomic attributes so, the relation satisfies the 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute (Customer\_ID) primary key in it which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes. Customer\_ID, Cfirst\_ name, Cmiddle\_ name, Clast\_name, Location, city, state attributes have no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Customer\_ID, Cfirst\_ name, Cmiddle\_ name, Clast\_name, Location, city, state attributes are single valued attributes so, the relation satisfies the 4NF.

**Tax Table:**

Attributes:

Tax\_ ID, Tax\_ Amount, Tax\_ Type, Status

Functional Dependencies:

Tax \_ID 🡪 Tax \_Amount

Tax \_ID 🡪 Tax \_Type

Tax \_ID 🡪 Status

Primary Key: Payment \_ID

**First Normal Form(1NF):**

The table is already in 1NF because the table has no non atomic attributes in it. Tax\_ ID, Tax\_ Amount, Tax\_ Type, Status state attributes are atomic attributes so, the relation satisfies the 1NF.

**Second Normal Form(2NF):**

The table is already in 2NF because the table is in 1NF & has only one attribute (Tax\_ID) primary key in it which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

The table is already in 3NF because the table is in 1NF, 2NF & has no transitive functional dependency among the attributes Tax\_ ID, Tax\_ Amount, Tax\_ Type, Status attributes have no transitive functional dependency between them. So, the relation satisfies the 3NF.

**Fourth Normal Form(4NF):**

The table is already in 4NF because it has no multivalued dependency in it. Tax\_ ID, Tax\_ Amount, Tax\_ Type, Status attributes are single valued attributes so, the relation satisfies the 4NF.

**Multivalued Tables:**

**First Normal Form(1NF):**

All the multivalued tables are already in 1NF because all the tables have no non atomic attributes in them.

**Second Normal Form(2NF):**

All the multivalued tables are already in 2NF because all the tables are in 1NF & has no partial dependencies in them which satisfies the first condition of 2NF.

**Third Normal Form(3NF):**

All the tables are already in 3NF because the tables are in 1NF, 2NF & has no transitive functional dependency among the attributes in the multivalued tables.

# SQL Code:

------------------------------------------------------- #CREATING DATABASE-----------------------------------------------------------

CREATE DATABASE COURSE\_PROJECT;

use COURSE\_PROJECT;

---------------------------------------------------------#CREATING TABLES:---------------------------------------------------------------

**#1. MANAGER TABLE...**

CREATE TABLE MANAGER

(

MANAGER\_ID int,

MFIRST\_NAME VARCHAR(21),

MMIDDLE\_NAME VARCHAR(21),

MLAST\_NAME VARCHAR(21),

LOCATION VARCHAR(21),

CITY VARCHAR(21),

STATE VARCHAR(21),

MANAGER\_DOB DATE,

MANAGER\_Qualification VARCHAR(21),

GENDER VARCHAR(15),

CONSTRAINT MANAGER\_PK1 PRIMARY KEY(MANAGER\_ID)

);

DROP TABLE MANAGER;

**#2MANAGER.CONTACT TABLE...**

CREATE TABLE MANAGER\_CONTACT

(

MANAGER\_ID INT,

MANAGER\_CONTACT INT,

CONSTRAINT MC\_FK1 FOREIGN KEY(MANAGER\_ID) REFERENCES MANAGER(MANAGER\_ID)

);

DROP TABLE MANAGER\_CONTACT;

**#3.MANAGER\_DEALER TABLE...**

CREATE TABLE MANAGER\_DEALER

(

MANAGER\_ID INT,

DEALER\_ID INT,

CONSTRAINT MD\_FK1 FOREIGN KEY(MANAGER\_ID) REFERENCES MANAGER(MANAGER\_ID),

CONSTRAINT MD\_FK2 FOREIGN KEY(DEALER\_ID) REFERENCES DEALER(DEALER\_ID)

);

DROP TABLE MANAGER\_DEALER;

**#4.CUSTOMER TABLE...**

CREATE TABLE CUSTOMER

(

CUSTOMER\_ID int,

CFIRST\_NAME VARCHAR(21),

CMIDDLE\_NAME VARCHAR (21),

CLAST\_NAME VARCHAR(21),

LOCATION VARCHAR(21),

CITY VARCHAR(21),

GENDER VARCHAR(21),

STATE VARCHAR(21),

CONSTRAINT CUSTOMER\_PK1 PRIMARY KEY(CUSTOMER\_ID)

);

DROP TABLE CUSTOMER;

**#5.CUSTOMER\_CONTACT...**

CREATE TABLE CUSTOMER\_CONTACT

(

CUSTOMER\_ID INT,

CUSTOMER\_CONTACT INT,

CONSTRAINT CU\_FK FOREIGN KEY(CUSTOMER\_ID) REFERENCES CUSTOMER(CUSTOMER\_ID)

);

DROP TABLE CUSTOMER\_CONTACT;

**#6.CUSTOMER\_EMAIL.ID...**

CREATE TABLE CUSTOMER\_EMAILID

(

CUSTOMER\_ID INT,

CUSTOMER\_EMAILID VARCHAR(21),

CONSTRAINT CE\_FK FOREIGN KEY(CUSTOMER\_ID) REFERENCES CUSTOMER(CUSTOMER\_ID)

);

**#7.DEALER TABLE...**

CREATE TABLE DEALER

(

DEALER\_ID int,

MANAGER\_ID int,

COMPANY\_NAME VARCHAR(21),

DFIRST\_NAME VARCHAR(21),

DMIDDLE\_NAME VARCHAR(21),

DLAST\_NAME VARCHAR(21),

LOCATION VARCHAR(21),

CITY VARCHAR(21),

STATE VARCHAR(21),

GENDER VARCHAR(21),

CONSTRAINT DEALER\_PK1 PRIMARY KEY(DEALER\_ID),

CONSTRAINT DEALER\_FK1 FOREIGN KEY(MANAGER\_ID) REFERENCES MANAGER(MANAGER\_ID)

);

DROP TABLE DEALER;

**#8.MULTIVALUED TABLE(DEALER\_CONTACT)...**

CREATE TABLE DEALER\_CONTACT

(

DEALER\_ID INT,

DEALER\_CONTACT INT,

CONSTRAINT DC\_FK FOREIGN KEY(DEALER\_ID) REFERENCES DEALER(DEALER\_ID)

);

DROP TABLE DEALER\_CONTACT;

**#9.SHOWROOM TABLE...**

CREATE TABLE SHOWROOM

(

SHOWROOM\_ID int,

DEALER\_ID int,

SHOWROOM\_NAME VARCHAR(20),

LOCATION VARCHAR(21),

STATE VARCHAR(21),

STATUS VARCHAR(20),

CONSTRAINT SHOWROOM\_PK PRIMARY KEY(SHOWROOM\_ID),

CONSTRAINT SHOWROOM\_FK FOREIGN KEY(DEALER\_ID) REFERENCES DEALER(DEALER\_ID)

);

DROP TABLE SHOWROOM;

**#10.SHOWROOM\_CONTACT...**

CREATE TABLE SHOWROOM\_CONTACT

(

SHOWROOM\_ID INT,

SHOWROOM\_CONTACT INT,

CONSTRAINT S\_FK FOREIGN KEY(SHOWROOM\_ID) REFERENCES SHOWROOM(SHOWROOM\_ID)

);

DROP TABLE SHOWROOM\_CONTACT;

**#11.DEALER\_SHOWROOM TABLE...**

CREATE TABLE DEALER\_SHOWROOM

(

DEALER\_ID INT,

SHOWROOM\_ID INT,

CONSTRAINT D\_FK FOREIGN KEY(DEALER\_ID) REFERENCES DEALER(DEALER\_ID),

CONSTRAINT SR\_FK FOREIGN KEY(SHOWROOM\_ID) REFERENCES SHOWROOM(SHOWROOM\_ID)

);

DROP TABLE DEALER\_SHOWROOM;

**#12.SALES TABLE...**

CREATE TABLE SALES

(

SALES\_ID int,

VEHICLE\_ID int,

CUSTOMER\_ID int,

SHOWROOM\_ID int,

COST int,

CITY VARCHAR(21),

STATE VARCHAR(21),

ORDER\_DATE DATE,

DELVARY\_DATE DATE,

SALES\_DESCRIPTION VARCHAR(20),

CONSTRAINT SALES\_PK PRIMARY KEY(SALES\_ID),

CONSTRAINT SALES\_FK1 FOREIGN KEY(VEHICLE\_ID) REFERENCES VEHICLE(VEHICLE\_ID),

CONSTRAINT SALES\_FK2 FOREIGN KEY(CUSTOMER\_ID) REFERENCES CUSTOMER(CUSTOMER\_ID),

CONSTRAINT SALES\_FK3 FOREIGN KEY(SHOWROOM\_ID) REFERENCES SHOWROOM(SHOWROOM\_ID)

);

DROP TABLE SALES;

**#13.TAX TABLE...**

CREATE TABLE TAX

(

TAX\_ID int,

SALES\_ID INT,

TAX\_TYPE VARCHAR(21),

TAX\_AMOUNT int NOT NULL,

STATUS VARCHAR(20),

CONSTRAINT TAX\_PK1 PRIMARY KEY(TAX\_ID),

CONSTRAINT TAX\_FK FOREIGN KEY(SALES\_ID) REFERENCES SALES(SALES\_ID)

);

DROP TABLE TAX;

**#14.VEHICLE TABLE..**

CREATE TABLE VEHICLE

(

VEHICLE\_ID int,

DEALER\_ID int,

VEHICLE\_NAME VARCHAR(20),

VEHICLE\_MODEL VARCHAR(20),

VEHICLE\_TYPE VARCHAR(20),

VEHICLE\_DESCRIPTION VARCHAR(20),

VEHICLE\_COST int NOT NULL,

CREATE\_DATE DATE,

STATUS VARCHAR(20),

CONSTRAINT VEHICLE\_PK PRIMARY KEY(VEHICLE\_ID),

CONSTRAINT VEHICLE\_FK FOREIGN KEY(DEALER\_ID) REFERENCES DEALER(DEALER\_ID)

);

DROP TABLE VEHICLE;

**#15.BILLING TABLE...**

CREATE TABLE BILLING

(

BILLING\_ID INT,

MANAGER\_ID INT,

BILLING\_DATE DATE,

BILLING\_AMOUNT INT,

TAX\_AMOUNT INT,

CONSTRAINT BILLING\_PK PRIMARY KEY(BILLING\_ID),

CONSTRAINT BILLING\_FK FOREIGN KEY(MANAGER\_ID) REFERENCES MANAGER(MANAGER\_ID)

);

DROP TABLE BILLING;

**#16.BOOKING TABLE...**

CREATE TABLE BOOKING

(

BOOKING\_ID INT,

BOOKING\_DATE DATE,

CUSTOMER\_ID INT,

BOOKING\_PAYMENT VARCHAR(21),

AMOUNT INT,

BOOKING\_TYPE VARCHAR(21),

CONSTRAINT BOOKING\_PK PRIMARY KEY(BOOKING\_ID),

CONSTRAINT BOOKING\_FK FOREIGN KEY(CUSTOMER\_ID) REFERENCES CUSTOMER(CUSTOMER\_ID)

);

DROP TABLE BOOKING;

**#17.PAYMENT TABLE...**

CREATE TABLE PAYMENT

(

PAYMENT\_ID INT,

CUSTOMER\_ID INT,

PAYMENT\_DATE DATE,

PAYMENT\_AMOUNT INT,

PAYMENT\_TYPE VARCHAR(21),

STATUS VARCHAR(21),

CONSTRAINT PAYMENT\_PK PRIMARY KEY(PAYMENT\_ID),

CONSTRAINT PAYMENT\_FK FOREIGN KEY(CUSTOMER\_ID) REFERENCES CUSTOMER(CUSTOMER\_ID)

);

DROP TABLE PAYMENT;

**#18.WORKERS TABLE...**

CREATE TABLE WORKER

(

WORKER\_ID INT,

SHOWROOM\_ID INT,

WORKER\_TYPE VARCHAR(21),

WFIRST\_NAME VARCHAR(21),

WMIDDLE\_NAME VARCHAR(21),

WLAST\_NAME VARCHAR(21),

WORKER\_SALARY INT,

W\_DESCRIPTION VARCHAR(21),

GENDER VARCHAR(21),

CONSTRAINT WORKER\_PK PRIMARY KEY(WORKER\_ID),

CONSTRAINT WORKER\_FK FOREIGN KEY(SHOWROOM\_ID) REFERENCES SHOWROOM(SHOWROOM\_ID)

);

DROP TABLE WORKER;

**#19.WORKER\_CONTACT...**

CREATE TABLE WORKER\_CONTACT

(

WORKER\_ID INT,

WORKER\_CONTACT INT,

CONSTRAINT WC\_FK FOREIGN KEY(WORKER\_ID) REFERENCES WORKER(WORKER\_ID)

);

DROP TABLE WORKER\_CONTACT;

------------------------------------------#**INSERTING VALUES INTO THE TABLES**-----------------------------------------------

**#1.INSERTING VALUES INTO MANAGER TABLE...**

INSERT INTO MANAGER VALUES(101,'Shaik','Faiyaj','Uddin','Madanapalle','Chittoor','Andhra Pradesh','2001-06-14','MBA','Male');

SELECT \* FROM MANAGER;

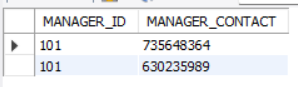


**#2.INSERTING VALUES INTO MANAGER\_CONTACT TABLE...**

INSERT INTO MANAGER\_CONTACT VALUES(101,735648364);

INSERT INTO MANAGER\_CONTACT VALUES(101,630235989);

SELECT \* FROM MANAGER\_CONTACT;



**#3.INSERTING VALUES INTO MANAGER\_DEALER TABLE...**

INSERT INTO MANAGER\_DEALER VALUES(101,1001);

INSERT INTO MANAGER\_DEALER VALUES(101,1002);

INSERT INTO MANAGER\_DEALER VALUES(101,1003);

INSERT INTO MANAGER\_DEALER VALUES(101,1004);

INSERT INTO MANAGER\_DEALER VALUES(101,1005);

INSERT INTO MANAGER\_DEALER VALUES(101,1006);

INSERT INTO MANAGER\_DEALER VALUES(101,1007);

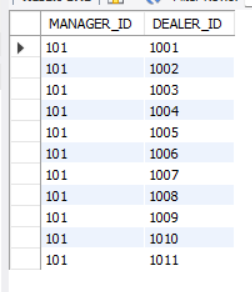
INSERT INTO MANAGER\_DEALER VALUES(101,1008);

INSERT INTO MANAGER\_DEALER VALUES(101,1009);

INSERT INTO MANAGER\_DEALER VALUES(101,1010);

INSERT INTO MANAGER\_DEALER VALUES(101,1011);

SELECT \* FROM MANAGER\_DEALER;



**#4.INSERTING VALUES INTO CUSTOMER TABLE...**

INSERT INTO CUSTOMER VALUES(1,'Shaik','Azaj','Uddin','Mangalagiri','Vijayawada','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(2,'Shaik','Faahim','Uddin','Madanapalle','Chittoor','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(3,'Puttaparti','Sai','Venkat','Palamneru','Chittoor','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(4,'Yugi','Yugandhar','Reddy','Vallikavu','Kerala','Male','Kerala');

INSERT INTO CUSTOMER VALUES(5,'Kadiyala','Jaya','Prakash','Gannavaram','Vijayawada','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(6,'Desu','Nithin','Datta','Chakraya Palem','Addanki','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(7,'Chowdary','Chandra','Sekhar','Benz Circle','Vijayawada','Male','Andhra Pradesh');

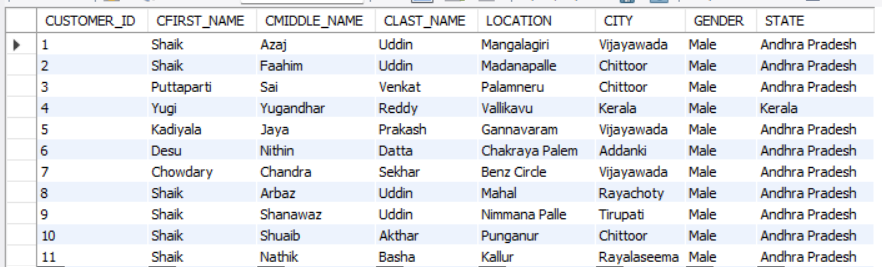
INSERT INTO CUSTOMER VALUES(8,'Shaik','Arbaz','Uddin','Mahal','Rayachoty','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(9,'Shaik','Shanawaz','Uddin','Nimmana Palle','Tirupati','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(10,'Shaik','Shuaib','Akthar','Punganur','Chittoor','Male','Andhra Pradesh');

INSERT INTO CUSTOMER VALUES(11,'Shaik','Nathik','Basha','Kallur','Rayalaseema','Male','Andhra Pradesh');

SELECT \* FROM CUSTOMER;

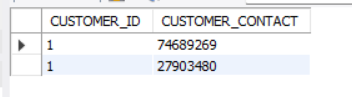


**#5.INSERTING VALUES INTO CUSTOMER\_CONTACT TABLE...**

INSERT INTO CUSTOMER\_CONTACT VALUES(1,74689269);

INSERT INTO CUSTOMER\_CONTACT VALUES(1,27903480);

SELECT \* FROM CUSTOMER\_CONTACT;



**#6.INSERTING VALUES INTO CUSTOMER\_EMAILID TABLE...**

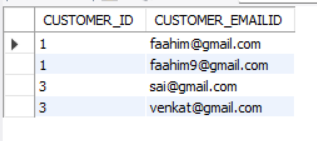
INSERT INTO CUSTOMER\_EMAILID VALUES(1,'faahim@gmail.com');

INSERT INTO CUSTOMER\_EMAILID VALUES(1,'faahim9@gmail.com');

INSERT INTO CUSTOMER\_EMAILID VALUES(3,'sai@gmail.com');

INSERT INTO CUSTOMER\_EMAILID VALUES(3,'venkat@gmail.com');

SELECT \* FROM CUSTOMER\_EMAILID;



**#7.INSERTING VALUES INTO DEALER TABLE...**

INSERT INTO DEALER VALUES(1001,101,'GT-650','Chowdary','Sai','Vignesh','SBI-Coloney','Madanapalle','Andhra Pradesh','Male');

INSERT INTO DEALER VALUES(1002,101,'RC200','Pulivarthi','Vishnu','Vardhan','Eshwaramma-coloney','Madanapalle','Andhra Pradesh','Male');

INSERT INTO DEALER VALUES(1003,101,'Duke200','chowdary','Sai','Reddy','Drivers-Coloney','Madanapalle','Andhra Pradesh','Male');

INSERT INTO DEALER VALUES(1004,101,'Mustang','Chowdary','Sai','Vignesh','SBI-Coloney','Mumbai','Maharashtra','Male');

INSERT INTO DEALER VALUES(1005,101,'Dodge Challenger','Shaik','Nijam','Uddin','Market-Yard','Mumbai','Maharashtra','Male');

INSERT INTO DEALER VALUES(1006,101,'Mahindra Thar','Konidela','Pavan','kalyan','Market-Yard','Hyderabad','Telangana','Male');

INSERT INTO DEALER VALUES(1007,101,'Mahindra XUV700','Shaik','Jaffru','Uddin','Drivers-Coloney','Hyderabad','Telangana','Male');

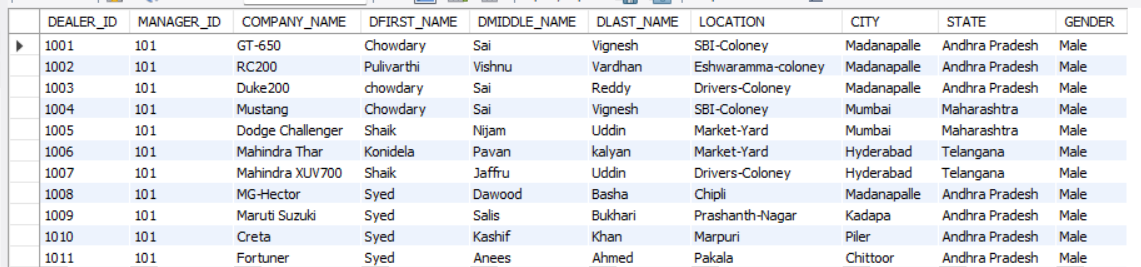
INSERT INTO DEALER VALUES(1008,101,'MG-Hector','Syed','Dawood','Basha','Chipli','Madanapalle','Andhra Pradesh','Male');

INSERT INTO DEALER VALUES(1009,101,'Maruti Suzuki','Syed','Salis','Bukhari','Prashanth-Nagar','Kadapa','Andhra Pradesh','Male');

INSERT INTO DEALER VALUES(1010,101,'Creta','Syed','Kashif','Khan','Marpuri','Piler','Andhra Pradesh','Male');

INSERT INTO DEALER VALUES(1011,101,'Fortuner','Syed','Anees','Ahmed','Pakala','Chittoor','Andhra Pradesh','Male');

SELECT \* FROM DEALER;

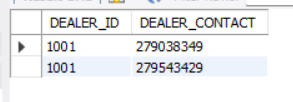


**#8.INSERTING VALUES INTO DEALER\_CONTACT TABLE...**

INSERT INTO DEALER\_CONTACT VALUES(1001,279038349);

INSERT INTO DEALER\_CONTACT VALUES(1001,279543429);

SELECT \* FROM DEALER\_CONTACT;



**#9.INSERTING VALUES INTO TAX TABLE...**

INSERT INTO TAX VALUES(1000,110,'ALL\_TAX',50042,'PENDING');

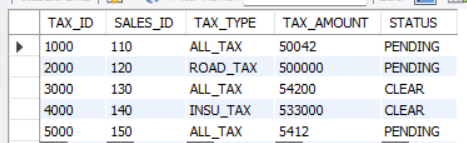
INSERT INTO TAX VALUES(2000,120,'ROAD\_TAX',500000,'PENDING');

INSERT INTO TAX VALUES(3000,130,'ALL\_TAX',54200,'CLEAR');

INSERT INTO TAX VALUES(4000,140,'INSU\_TAX',533000,'CLEAR');

INSERT INTO TAX VALUES(5000,150,'ALL\_TAX',5412,'PENDING');

SELECT \* FROM TAX;



**#10.INSERTING VALUES INTO VEHICLE TABLE...**

INSERT INTO VEHICLE VALUES(12131,1001,'Duke250','D250','BIKE','Sports Bike',250000,'2022-6-10','AVAILABLE');

INSERT INTO VEHICLE VALUES(12647,1002,'RC250','RC250','BIKE','Sports Bike',25000,'2022-7-13','AVAILABLE');

INSERT INTO VEHICLE VALUES(13593,1003,'RX-100','RX125','BIKE','TwoStroke ',70000,'2022-1-22','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(19074,1004,'AUDI','A414','CAR','Luxury Car','6542000','2021-7-22','AVAILABLE');

INSERT INTO VEHICLE VALUES(14361,1005,'RollsRoyce','RR7861','CAR','Luxury Car',65000000,'2021-12-2','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(14362,1006,'RollsRoyce','RR7862','CAR','Luxury Car',65000000,'2021-12-2','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(14363,1005,'Dodge Challenger','DG7863','CAR','Luxury Car',65000000,'2021-12-2','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(14364,1005,'Classic350','C7864','Bike','Normal-Bike',350000,'2021-12-2','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(14365,1009,'Yamaha-Y1','YY7865','Bike','Normal-Bike',250000,'2021-12-2','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(14366,1003,'Splender','SP7866','Bike','Ordinary Bike',50000,'2021-12-2','SOLD\_OUT');

INSERT INTO VEHICLE VALUES(14367,1003,'RollsRoyce','RR7867','CAR','Luxury Car',95000000,'2021-12-2','AVAILABLE');

SELECT \* FROM VEHICLE;



**#11.INSERTING VALUES INTO SHOWROOM TABLE...**

INSERT INTO SHOWROOM VALUES(1101,1001,'Faiyaj Shaik','MADANAPALLE','Andhra Pradesh','FULL');

SELECT \* FROM SHOWROOM;

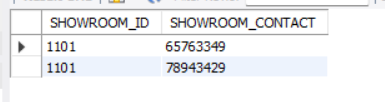


**#12.INSERTING VALUES INTO SHOWROOM\_CONTACT TABLE...**

INSERT INTO SHOWROOM\_CONTACT VALUES(1101,65763349);

INSERT INTO SHOWROOM\_CONTACT VALUES(1101,78943429);

SELECT \* FROM SHOWROOM\_CONTACT;



**#13.INSERTING VALUES INTO DEALER\_SHOWROOM TABLE...**

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

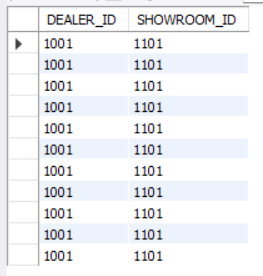
INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

INSERT INTO DEALER\_SHOWROOM VALUES(1001,1101);

SELECT \* FROM DEALER\_SHOWROOM;



**#14.INSERTING VALUES INTO SALES TABLE...**

INSERT INTO SALES VALUES(110,12131,1,1101,45000,'Madanapalle','AndhraPradesh','2022-3-19','2022-6-29','SUPER');

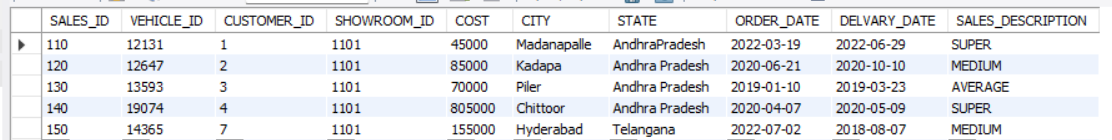
INSERT INTO SALES VALUES(120,12647,2,1101,85000,'Kadapa','Andhra Pradesh','2020-6-21','2020-10-10','MEDIUM');

INSERT INTO SALES VALUES(130,13593,3,1101,70000,'Piler','Andhra Pradesh','2019-1-10','2019-3-23','AVERAGE');

INSERT INTO SALES VALUES(140,19074,4,1101,805000,'Chittoor','Andhra Pradesh','2020-4-7','2020-5-9','SUPER');

INSERT INTO SALES VALUES(150,14365,7,1101,155000,'Hyderabad','Telangana','2022-7-2','2018-8-7','MEDIUM');

SELECT \* FROM SALES;



**#15.INSERTING VALUES INTO BILLING TABLE...**

INSERT INTO BILLING VALUES(123,101,'2017-2-14',60000,2000);

INSERT INTO BILLING VALUES(124,101,'2015-9-21',43500,3342);

INSERT INTO BILLING VALUES(125,101,'2019-12-3',110000,8567);

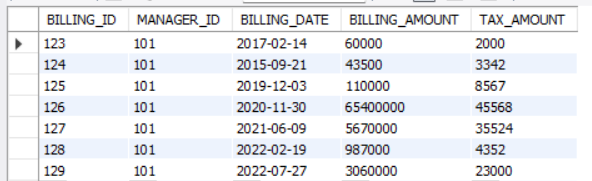
INSERT INTO BILLING VALUES(126,101,'2020-11-30',65400000,45568);

INSERT INTO BILLING VALUES(127,101,'2021-6-9',5670000,35524);

INSERT INTO BILLING VALUES(128,101,'2022-2-19',987000,4352);

INSERT INTO BILLING VALUES(129,101,'2022-7-27',3060000,23000);

SELECT \* FROM BILLING;



**#16.INSERTING VALUES INTO BOOKING TABLE...**

INSERT INTO BOOKING VALUES(9871,'2020-3-23',1,'Loan',498035,'Online Payment');

INSERT INTO BOOKING VALUES(9872,'2022-4-14',2,'Paid',479829,'Direct Booking');

INSERT INTO BOOKING VALUES(9873,'2020-9-19',3,'Paid',879369,'Online Payment');

INSERT INTO BOOKING VALUES(9874,'2021-1-31',4,'Loan',386578,'Direct Booking');

INSERT INTO BOOKING VALUES(9875,'2021-8-18',5,'Loan',900000,'Online Payment');

INSERT INTO BOOKING VALUES(9876,'2021-2-20',6,'Loan',950000,'Online Payment');

INSERT INTO BOOKING VALUES(9877,'2020-5-15',7,'Paid',1000000,'Online Payment');

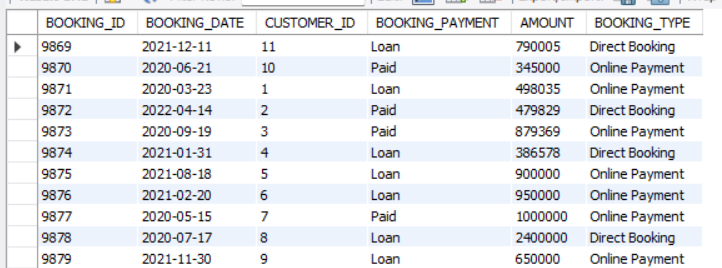
INSERT INTO BOOKING VALUES(9878,'2020-7-17',8,'Loan',2400000,'Direct Booking');

INSERT INTO BOOKING VALUES(9879,'2021-11-30',9,'Loan',650000,'Online Payment');

INSERT INTO BOOKING VALUES(9870,'2020-6-21',10,'Paid',345000,'Online Payment');

INSERT INTO BOOKING VALUES(9869,'2021-12-11',11,'Loan',790005,'Direct Booking');

SELECT \* FROM BOOKING;



**#17.INSERTING VALUES INTO PAYMENT TABLE...**

INSERT INTO PAYMENT VALUES(901,1,'2020-6-11',1250000,'CASH\_PAYMENT','DUE');

INSERT INTO PAYMENT VALUES(902,2,'2022-6-21',5550000,'ONLINE\_PAYMENT','DUE');

INSERT INTO PAYMENT VALUES(903,3,'2020-12-31',6250000,'ONLINE\_PAYMENT','CLEARED');

INSERT INTO PAYMENT VALUES(904,4,'2020-7-17',8250000,'ONLINE\_PAYMENT','CLEARED');

INSERT INTO PAYMENT VALUES(905,5,'2021-9-27',2250000,'ONLINE\_PAYMENT','DUE');

INSERT INTO PAYMENT VALUES(906,6,'2021-8-24',3250000,'CASH\_PAYMENT','DUE');

INSERT INTO PAYMENT VALUES(907,7,'2020-2-12',6250000,'ONLINE\_PAYMENT','CLEARED');

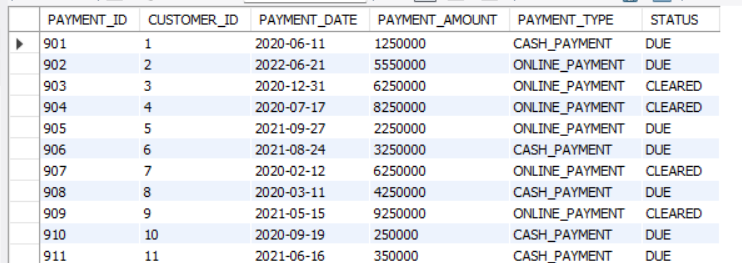
INSERT INTO PAYMENT VALUES(908,8,'2020-3-11',4250000,'CASH\_PAYMENT','DUE');

INSERT INTO PAYMENT VALUES(909,9,'2021-5-15',9250000,'ONLINE\_PAYMENT','CLEARED');

INSERT INTO PAYMENT VALUES(910,10,'2020-9-19',250000,'CASH\_PAYMENT','DUE');

INSERT INTO PAYMENT VALUES(911,11,'2021-6-16',350000,'CASH\_PAYMENT','DUE');

SELECT \* FROM PAYMENT;



**#18.INSERTING VALUES INTO WORKER TABLE...**

INSERT INTO WORKER VALUES(701,1101,'Receptionist','Shaik','Aasma','Khan',10000,'Good','Female');

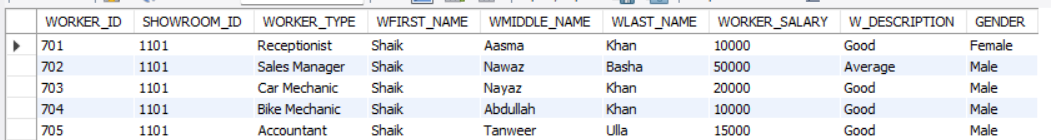
INSERT INTO WORKER VALUES(702,1101,'Sales Manager','Shaik','Nawaz','Basha',50000,'Average','Male');

INSERT INTO WORKER VALUES(703,1101,'Car Mechanic','Shaik','Nayaz','Khan',20000,'Good','Male');

INSERT INTO WORKER VALUES(704,1101,'Bike Mechanic','Shaik','Abdullah','Khan',10000,'Good','Male');

INSERT INTO WORKER VALUES(705,1101,'Accountant','Shaik','Tanweer','Ulla',15000,'Good','Male');

SELECT \* FROM WORKER;

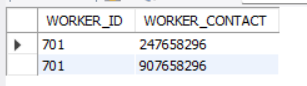


**#18.INSETING VALUES INTO WORKER\_CONTACT TABLE...**

INSERT INTO WORKER\_CONTACT VALUES(701,247658296);

INSERT INTO WORKER\_CONTACT VALUES(701,907658296);

SELECT \* FROM WORKER\_CONTACT;



3.1 SQL Queries:

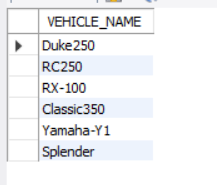
--------------------------------------------------------------#QUERIES-------------------------------------------------------------------------

**#1) SELECT ALL THE VEHICLE NAMES WHERE VEHICLE TYPE IS BIKE...**

SELECT ALL VEHICLE\_NAME

from VEHICLE

WHERE VEHICLE\_TYPE = 'BIKE';

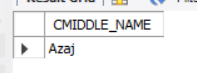


**#2) LIST ALL THE CUSTOMER NAMES WHO ORDERED VEHICLES ON DATE 16-JAN- 2016…**

SELECT CUSTOMER.CMIDDLE\_NAME

FROM CUSTOMER , SALES

WHERE SALES.CUSTOMER\_ID=CUSTOMER.CUSTOMER\_ID AND ORDER\_DATE='2022-3-19';



**#3) LIST THE VEHICLE\_NAME WHICH HAS HIGHEST COST AMONG ALL THE VEHICLES…**

SELECT VEHICLE\_NAME,MAX(VEHICLE\_COST)

FROM VEHICLE

WHERE VEHICLE\_TYPE = 'CAR';

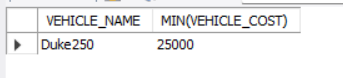


**#4) LIST THE VEHICLE\_NAME WHICH HAS LOWEST COST AMONG ALL THE VEHICLES…**

SELECT VEHICLE\_NAME, MIN(VEHICLE\_COST)

FROM VEHICLE

WHERE VEHICLE\_TYPE = 'Bike';

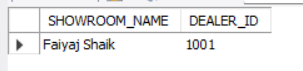


**#5) LIST ALL THE SHOWROOM NAMES THAT COMES UNDER DEALER ID=1001…**

SELECT SHOWROOM.SHOWROOM\_NAME,DEALER.DEALER\_ID

FROM SHOWROOM , DEALER

WHERE SHOWROOM.DEALER\_ID=DEALER.DEALER\_ID AND DEALER.DEALER\_ID=1001;



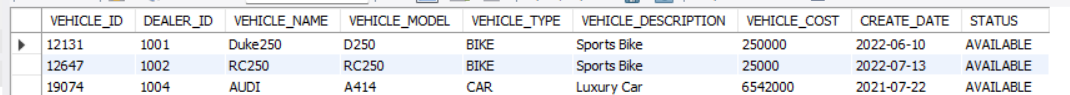
**#6.IF THE CUSTOMER WANTS TO SEE ALL THE VEHICLES AVAILABLE IN TH SHOWROOM...**

select \* from VEHICLE where VEHICLE\_ID in(

select VEHICLE\_ID from SALES

where (SALES\_ID

in (select SALES\_ID from CUSTOMER where CUSTOMER\_ID='11')) and STATUS ='AVAILABLE');

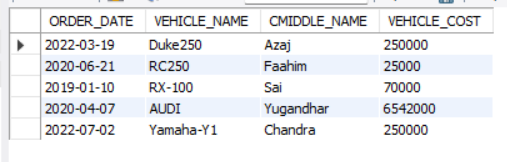


**#7.IF A CUSTOMER WANTS TO SEE THE ORDER HISTORY OF VEHICLES ORDERD BY WHICH CUSTOMER AND WITH VEHICLE COST...**

SELECT ORDER\_DATE,VEHICLE\_NAME,CMIDDLE\_NAME,VEHICLE\_COST

FROM SALES,VEHICLE,CUSTOMER

WHERE SALES.VEHICLE\_ID = VEHICLE.VEHICLE\_ID AND SALES.CUSTOMER\_ID = CUSTOMER.CUSTOMER\_ID;



# Concluding Remarks

A description of the background and context of the project and its relation to work already done in the area. Made statement of the aims and objectives of the project. The description of Purpose, Scope, and applicability. I have defined the problem on which I had worked in the project. I have described the requirement Specifications of the system and the actions that can be done on these things. I had understood the problem domain and produce a model of the system, which describes operations that can be performed on the system. I have included the features and operations in detail, including screen layouts.

# Future Work

Today, the market place is flooded with several vehicle showroom options for shoppers to choose from. A variety of innovative products and services are being offered spoiling customers for choice. Online vehicle showroom system is no more a privilege enjoyed by your friends and family. Today, it is a reality in India. In the last couple of years, the growth of vehicle showroom system industry in India has been phenomenal as more shoppers have started discovering the benefits of using this platform. There is enough scope for online businesses in the future if they understand the Indian shoppers psyche and cater to their needs. So, I would like to develop a webpage for this project in the coming days.

# References

1. <https://github.com/topics/vehicle-management-system>
2. <https://www.javatpoint.com/transport-company-project>
3. <https://www.youtube.com/watch?v=z_aZafgno38>
4. <https://github.com/topics/dbms-project>
5. <https://projectsgeek.com/dbms-project-ideas-top-free>
6. <https://getsetproject.com/projects.php?navSend=Mini-Dbms>
7. https://www.geeksforgeeks.org/10-best-sql-project-ideas-for-beginners/