# **CASE STUDY in ICTC0923 – Database Management System**

# A Database Design for a Vehicle Rental System

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Date Submitted:

July 6, 2022

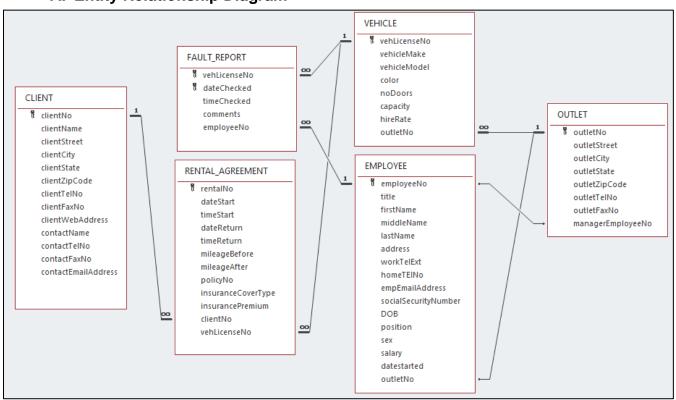
#### Introduction

The Vehicle Rental System is a website that rents automobiles for a fee for short periods of time. Customers will be able to reserve their automobiles from anywhere thanks to the development of the Vehicle Rental System. By entering their information, users of this program will create a record of their information and access the website. A consumer who has registered on the website has the option to reserve the vehicle he needs. Customers are helped by this system, which offers to fill out the information as needed. It contains the kind of car they're attempting to rent as well as the dates before and after. Aside from the basic rental of a vehicle, car rental agencies typically offer additional products such as insurance. The user needs to input their personal information, and the rental agreement if they are going to rent a vehicle.

This system's goal is to provide a website where users may manually reserve a vehicle and specify the vehicle they need. It includes assembling many vehicle types on a single platform. A user can search for a car they want to rent based on their needs and reserve it by providing the dates they want to rent the vehicle from and the date they want to return it to the company. The vehicle Rental System is an access that primarily assist individuals who have a car that is briefly out of reach or out of service, such as out-of-town travelers or owners of destroyed or damaged vehicles awaiting repair or insurance compensatory damages. The main goal of our Vehicle Rental System is to keep track of information about the Car, Payment, Customer, Outlet, and Insurance. It keeps track of everything about Car, Insurance, Car. The system makes it possible for an individual to reserve/book a vehicle over the Internet, while the company's staff takes care of the transactions.

# **Database Design**

# A. Entity Relationship Diagram



The Entity Relationship Diagram of the Vehicle Rental System consists of a total of 6 tables. The following table names are as follows; Client, Outlet, Employee, FaultReport, Vehicle, and RentalAgreement.

Each table in the database stores different data. The client table is connected to the RentalAgreement table which determine which customer rented a vehicle. The FaultReport table is connected to Employee table to determine who is the employee in charge of checking the fault, and reporting it to the company. Also, the FaultReport table is connected to the Vehicle table which determine which vehicle is faulty and needs to repair. The RentalAgreement table is also connected to the Vehicle table to determine which vehicle the customer has selected to rent. The last table that is connected to Vehicle table is the Outlet table. It determines which outlet does the vehicle rented came from. Lastly, the Employee table is connected to the Outlet table to determine which employee is the manager in charge in the outlet.

## **B.** Data Dictionary

Subject: Client

Field Name	Data Type	Size	PK	FK	Null	Description
clientNo	NUMBER	8	YES	NO	NO	Client's Number
clientName	VARCHAR2	50	NO	NO	NO	Client's name
clientStreet	VARCHAR2	40	NO	NO	NO	Client's Street
clientCity	VARCHAR2	15	NO	NO	NO	Client's City
clientState	VARCHAR2	15	NO	NO	NO	Client's State
clientZipCode	VARCHAR2	9	NO	NO	YES	Client's Zip Code
clientTelNo	VARCHAR2	20	NO	NO	NO	Client's Telephone Number
clientFaxNo	VARCHAR2	20	NO	NO	NO	Client's Fax. Number

ClientWebAddress	VARCHAR2	100	NO	NO	YES	Client's Web Address
contactName	VARCHAR2	50	NO	NO	NO	Contact Name
contactTelNo	VARCHAR2	20	NO	NO	YES	Contact Telephone Number
contactFaxNo	NUMBER	8	NO	NO	YES	Contact Fax Number
contactEmailAddress	VARCHAR2	50	NO	NO	YES	Contact Email Address

Subject: Outlet

Field Name	Data Type	Size	PK	FK	Null	Description	
outletNo	NUMBER	8	YES	NO	NO	Outlet Number	
outletStreet	VARCHAR2	40	NO	NO	NO	Outlet Street	
outletCity	VARCHAR2	15	NO	NO	NO	Outlet City	
outletState	VARCHAR2	15	NO	NO	NO	Outlet State	
outletZipCode	VARCHAR2	9	NO	NO	NO	Outlet Zip Code	
outletTelNo	VARCHAR2	20	NO	NO	NO	Outlet Telephone Number	
outletFaxNo	VARCHAR2	20	NO	NO	NO	Outlet Fax. Number	

managerEmployeeNo	NUMBER	8	NO	YES	YES	Manger Employee Number
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Subject: Employee

Field Name	Data Type	Size	PK	FK	Null	Description
employeeNo	NUMBER	8	YES	NO	NO	Employee Number
title	VARCHAR2	10	NO	NO	NO	Employee Title
firstName	VARCHAR2	30	NO	NO	NO	Employee's First Name
middleName	VARCHAR2	30	NO	NO	YES	Employee's Middle Name
lastName	VARCHAR2	30	NO	NO	NO	Employee's Last Name
address	VARCHAR2	80	NO	NO	NO	Employee's Address
workTelExt	VARCHAR2	4	NO	NO	NO	Work Telephone Extension
homeTelNo	VARCHAR2	20	NO	NO	NO	Home Telephone Number
empEmailAddress	VARCHAR2	100	NO	NO	YES	Employee's Email Address
socialSecurityNumber	VARCHAR2	12	NO	NO	NO	Employee's Social Security Number

DOB	DATE	None	NO	NO	NO	Employee's date of birth
position	VARCHAR2	20	NO	NO	NO	Employee's Position
sex	CHAR	None	NO	NO	NO	Employee's Sex
salary	NUMBER	8,2	NO	NO	NO	Employee's Salary
dateStarted	DATE	None	NO	NO	NO	The date the employee started
outletNo	NUMBER	8	NO	YES	NO	Employee's outlet Number

Subject: Vehicle

Field Name	Data Type	Size	PK	FK	Null	Description
vehiLicenseNo	VARCHAR	10	YES	NO	NO	Vehicle License Number
vehicleMake	VARCHAR	15	NO	NO	NO	Vehicle Make
vehicleModel	VARCHAR	15	NO	NO	NO	Vehicle Model
color	VARCHAR	15	NO	NO	NO	Vehicle Color
noDoors	NUMBER	1	NO	NO	NO	Number of Doors
capacity	NUMBER	4	NO	NO	NO	Vehicle Capacity
hireRate	NUMBER	6, 2	NO	NO	NO	Vehicle Hire Rate

**Subject:** FaultReport

Field Name	Data Type	Size	PK	FK	Null	Description
vehLicenseNo	VARCHAR	10	YES	YES	NO	Vehicle License Number
dateChecked	DATE	None	YES	NO	NO	Date where the vehicle fault checked
timeChecked	NUMBER	4, 2	NO	NO	NO	Time where the vehicle fault checked
comments	VARCHAR	50	NO	NO	NO	Comments
employeeNo	NUMBER	8	NO	YES	NO	Employee Number of the one who check the vehicle.

**Subject**: RentalAgreement

Field Name	Data Type	Size	PK	FK	Null	Description
rentalNo	NUMBER	8	YES	NO	NO	Rental Number
dateStart	DATE	DATE	NO	NO	NO	Date where the rent start
timeStart	NUMBER	4, 2	NO	NO	NO	Time where the rent start
dateReturn	DATE	None	NO	NO	YES	The date vehicle returned

timeReturn	NUMBER	4, 2	NO	NO	YES	The Time vehicle Returned
mileageBefore	NUMBER	8	NO	NO	NO	Mileage Before the vehicle rented
mileageAfter	NUMBER	8	NO	NO	YES	Mileage After returned the vehicle
policyNo	NUMBER	15	NO	NO	NO	Policy Number
insuranceCoverType	VARCHAR2	10	NO	NO	NO	The type of insurance it will cover
insurancePremium	NUMBER	5, 2	NO	NO	NO	Insurance Premium
clientNo	NUMBER	8	NO	YES	NO	The Client's Number who will rent
vehLicenseNo	VARCHAR2	10	NO	YES	NO	Vehicle License Number

### **SQL Statements**

# A. Data Definition Language

CREATE TABLE Client(
clientNo NUMBER(8) NOT NULL,
clientName VARCHAR2(50) NOT NULL UNIQUE,
clientStreet VARCHAR2(40) NOT NULL,
clientCity VARCHAR2(15) NOT NULL,
clientState VARCHAR2(15) NOT NULL,
clientZipCode VARCHAR2(9),
clientTelNo VARCHAR2(20) NOT NULL UNIQUE,
clientFaxNo VARCHAR2(20) NOT NULL UNIQUE,
clientWebAddress VARCHAR2(100),
contactName VARCHAR2(50) NOT NULL,
contactTelNo VARCHAR2(20),
contactFaxNo VARCHAR2(20),
contactEmailAddress VARCHAR2(100),

```
PRIMARY KEY (clientNo)
);
CREATE TABLE Outlet(
outletNo NUMBER(8) NOT NULL,
outletStreet VARCHAR2(40) NOT NULL,
outletCity VARCHAR2(15) NOT NULL,
outletState VARCHAR2(15) NOT NULL,
outletZipCode VARCHAR2(9) NOT NULL,
outletTelNo VARCHAR2(20) NOT NULL UNIQUE,
outletFaxNo VARCHAR2(20) NOT NULL UNIQUE,
managerEmployeeNo NUMBER(8),
PRIMARY KEY (outletNo)
);
CREATE TABLE Employee(
employeeNo NUMBER(8) NOT NULL,
title VARCHAR2(10) NOT NULL,
firstName VARCHAR2(30) NOT NULL,
middleName VARCHAR2(30),
lastName VARCHAR2(30) NOT NULL,
address VARCHAR2(80) NOT NULL,
workTelExt VARCHAR2(4) NOT NULL,
homeTelNo VARCHAR2(20) NOT NULL,
empEmailAddress VARCHAR2(100),
socialSecurityNumber VARCHAR2(12) NOT NULL UNIQUE.
DOB DATE NOT NULL,
position VARCHAR2(20) NOT NULL,
sex CHAR NOT NULL,
salary NUMBER(8,2) NOT NULL,
dateStarted DATE NOT NULL,
outletNo NUMBER(8) NOT NULL,
PRIMARY KEY (employeeNo),
CONSTRAINT outletnumber FOREIGN KEY (outletNo) REFERENCES Outlet(outletNo)
);
CREATE TABLE Vehicle(
vehLicenseNo VARCHAR2(10) NOT NULL,
vehicleMake VARCHAR2(15) NOT NULL,
vehicleModel VARCHAR2(15) NOT NULL,
color VARCHAR2(15) NOT NULL,
noDoors NUMBER(1) NOT NULL,
capacity NUMBER(4) NOT NULL,
hireRate NUMBER(6, 2) NOT NULL,
outletNo NUMBER(8) NOT NULL,
PRIMARY KEY (vehLicenseNo),
CONSTRAINT outletnumber1 FOREIGN KEY (outletNo) REFERENCES Outlet(outletNo)
);
```

```
CREATE TABLE FaultReport(
vehLicenseNo VARCHAR2(10) NOT NULL,
dateChecked DATE NOT NULL,
timeChecked NUMBER(4, 2) NOT NULL,
comments VARCHAR2(50) NOT NULL,
employeeNo NUMBER(8) NOT NULL,
PRIMARY KEY (vehLicenseNo, dateChecked),
CONSTRAINT vehiclelicensenumber FOREIGN KEY (vehLicenseNo) REFERENCES
Vehicle(vehLicenseNo),
CONSTRAINT employeenumber FOREIGN KEY (employeeNo) REFERENCES
Employee(employeeNo)
);
CREATE TABLE RentalAgreement(
rentalNo NUMBER(8) NOT NULL,
dateStart DATE NOT NULL,
timeStart NUMBER(4, 2) NOT NULL,
dateReturn DATE,
timeReturn NUMBER(4, 2),
mileageBefore NUMBER(8) NOT NULL,
mileageAfter NUMBER(8),
policyNo NUMBER(15) NOT NULL UNIQUE,
insuranceCoverType VARCHAR2(10) NOT NULL,
insurancePremium NUMBER(8, 2) NOT NULL,
clientNo NUMBER(8) NOT NULL,
vehLicenseNo VARCHAR2(10) NOT NULL,
PRIMARY KEY (rentalNo),
CONSTRAINT clientnumber FOREIGN KEY (clientNo) REFERENCES Client(clientNo),
CONSTRAINT vehiclelicensenumber1 FOREIGN KEY (vehLicenseNo) REFERENCES
Vehicle(vehLicenseNo)
);
```

#### B. Data Manipulation Language / Views / PL/SQL Blocks / Stored Procedures

```
//INSERTING RECORDS TO THE TABLES USING PROCEDURE AND PL/SQL BLOCKS
//Creating sequence sqclientID for auto incrementing the clientNo in the table Client
CREATE SEQUENCE sqclientID
MINVALUE 1
START WITH 1
INCREMENT BY 1;
//User input in inserting client information
DECLARE
```

```
varclientNo NUMBER;
varclientName VARCHAR2(50) := :Client_Name;
varclientSt VARCHAR2(50) := :Client_Street;
varclientCity VARCHAR2(15) := :Client_City;
varclientState VARCHAR2(15) := :Client_State;
varclientZipCode VARCHAR2(9) := :Client_ZipCode;
```

```
varclientTelNo VARCHAR2(20) := :Client_Telephone;
       varclientFaxNo VARCHAR2(20) := :Client FaxNumber;
       varclientWebAdd VARCHAR(100) := :Client_WebAddress;
       varcontactName VARCHAR2(50) := :Contact_Name;
       varcontactTelNo VARCHAR2(20) := :Contact_Telephone;
       varcontactFaxNo VARCHAR2(20) := :Contact_FaxNumber;
       varcontactEmailAdd VARCHAR2(100) := :Contact_EmailAdd;
BEGIN
       INSERT INTO client VALUES (sqclientID.NEXTVAL, varclientName, varclientSt,
varclientCity, varclientState, varclientZipCode, varclientTelNo, varclientFaxNo, varclientWebAdd,
varcontactName, varcontactTelNo, varcontactFaxNo, varcontactEmailAdd);
END;
//Creating sequence sqoutletID for auto incrementing the outletNo in the table outlet
CREATE SEQUENCE sqoutletID
MINVALUE 1
START WITH 1
INCREMENT BY 1;
//Creating stored procedure outletrec for table OUTLET
CREATE OR REPLACE PROCEDURE outletrec(
       varoutletStreet VARCHAR,
       varoutletCity VARCHAR2,
       varoutletState VARCHAR2,
       varoutletZipCode VARCHAR2,
       varoutletTelNo VARCHAR2,
       varoutletFaxNo VARCHAR2,
       varmanagerEmployeeNo NUMBER
)
IS
BEGIN
       INSERT INTO OUTLET VALUES (sqoutletID.NEXTVAL, varoutletStreet, varoutletCity,
varoutletState, varoutletZipCode, varoutletTelNo, varoutletFaxNo, varmanagerEmployeeNo);
END;
/
//Call procedure outletrec and insert records using the parameter
BEGIN
       outletrec('Silangan', 'Balanga City', 'Bataan', '2100', '639123456788', '555-555-555', '1');
       outletrec('Looban', 'Alaminos', 'Pangasinan', '2404', '639123456782', '555-555-556', '2');
       outletrec('Santiago', 'Iba', 'Zambales', '2201', '639123456781', '555-555-557', '3');
END:
//Creating sequence fsqempID for auto incrementing the EmployeeNo in the table outlet
CREATE SEQUENCE sqempID
MINVALUE 1
START WITH 1
INCREMENT BY 1;
```

#### //Creating procedure employeeRec for inserting records in employeeRec

CREATE OR REPLACE PROCEDURE employeeRec(

vartitle VARCHAR2,

varfirstName VARCHAR2,

varmiddleName VARCHAR2,

varlastName VARCHAR2,

varaddress VARCHAR2,

varworkTelExt VARCHAR2,

varhomeTelNo VARCHAR2,

varempEmailAddress VARCHAR2,

varsocialSecurityNumber VARCHAR2,

varDOB DATE,

varposition VARCHAR2,

varsex CHAR,

varsalary NUMBER,

vardateStarted DATE,

varoutletNo NUMBER)

IS

**BEGIN** 

INSERT INTO Employee VALUES (sqempID.NEXTVAL, vartitle, varfirstName, varmiddleName, varlastName, varaddress, varworkTelExt, varhomeTelNo, varempEmailAddress, varsocialSecurityNumber, varDOB, varposition, varsex, varsalary, vardateStarted, varoutletNo); END;

# //Call procedure employeerec and insert values using the parameter BEGIN

employeeRec('Manager', 'Juan', 'Garcia', 'Dela Cruz', 'Balanga City Bataan', '1234', '09123456781', 'Example@sample.com', '013-12-999', '01-JAN-1990', 'Admin', 'M', '100000', '01-JAN-2000', '1'):

employeeRec('Manager', 'Arnia', 'Sy', 'Gatdula', 'Alaminos Pangasinan', '1235','09123456780', 'Example@sample.com', '013-12-998', '02-JAN-1990', 'Admin', 'F', '100001', '02-JAN-2000', '2');

employeeRec('Manager', 'Pedro', 'Kabisote', 'Penduko', 'Iba Zambales', '1236','09123456782', 'Example@sample.com', '013-12-997', '03-JAN-1990', 'Admin', 'M', '100002', '03-JAN-2000', '3');

#### //Alter table outlet for foreign key connection with employee table

**ALTER TABLE Outlet** 

ADD CONSTRAINT manageremployeenumber FOREIGN KEY (managerEmployeeNo) REFERENCES Employee(employeeNo);

#### //The table outlet is now connected to the employee table

#### //User input in inserting values in vehicle table

**DECLARE** 

END;

varvehicleLicenseNo VARCHAR2(10) := :Vehicle\_LicenseNumber; varvehicleMake VARCHAR2(15) := :Make; varvehicleModel VARCHAR2(15) := :Model;

```
varcolor VARCHAR2(15) := :Color;
       varnoDoors NUMBER(1) := :Doors Number;
       varcapacity NUMBER(4) := :Capacity;
       varhireRate NUMBER(6,2) := :Hire Rate;
       varoutletNo NUMBER(8) := :Outlet_Number;
BEGIN
       INSERT
                  INTO
                                        VALUES(varvehicleLicenseNo,
                           VEHICLE
                                                                       varvehicleMake,
varvehicleModel, varcolor, varnoDoors, varcapacity, varhireRate, varoutletNo);
END;
//User input in inserting records in FaultReport table
DECLARE
       varvehLicenseNo VARCHAR2(10) := :Vehicle LicenseNumber;
       vardateChecked DATE := :Date_Checked;
       vartimeChecked NUMBER(4, 2) := :Time Checked;
       varcomments VARCHAR2(50) := :Comments;
       varemployeeNo NUMBER(8) := :Employee_Number;
BEGIN
       INSERT INTO FAULTREPORT VALUES (varvehLicenseNo, vardateChecked,
vartimeChecked, varcomments, varemployeeNo);
END;
//Creating sequence sgrentID for auto incrementing the RentalNo in the table
RentalAgreement
CREATE SEQUENCE sgrentID
MINVALUE 1
START WITH 1
INCREMENT BY 1;
//User Input in inserting records in the table RentalAgreement
DECLARE
       vardateStart DATE := :RentalDate_Start;
       vartimeStart NUMBER(4, 2) := :RentalTime Start;
       vardateReturn DATE := null;
       vartimeReturn NUMBER(4,2) := null;
       varmileageBefore NUMBER(8) := :Mileage_BeforeRent;
       varmileageAfter NUMBER(8) := 0;
       varpolicyNo NUMBER(15) := :Policy_Number;
       varinsuranceCoverType VARCHAR2(10) := :Insurance_CoverType;
       varinsurancePremium NUMBER(8, 2) := :Insurance Premium;
       varclientNo NUMBER(8) := :Client Number;
       varvehLicenseNo VARCHAR2(10) := :Vehicle LicenseNo;
```

#### **BEGIN**

INSERT INTO RENTALAGREEMENT (rentalNo, dateStart, timeStart, dateReturn, timeReturn, mileageBefore, mileageAfter, policyNo, insuranceCoverType, insurancePremium, clientNo, vehLicenseNo)

```
VALUES (sqrentID.NEXTVAL, vardateStart, vartimeStart, vardateReturn, vartimeReturn,
varmileageBefore, varmileageAfter, varpolicyNo, varinsuranceCoverType, varinsurancePremium,
varclientNo, varvehLicenseNo);
END:
//ADDITIONAL QUERIES
//Creating a procedure that allows the user to return the vehicle rented
CREATE OR REPLACE PROCEDURE return_vehicle(
       varrentalID NUMBER,
       varreturndate DATE,
       varreturntime NUMBER,
       varmileageafter NUMBER
) IS
BEGIN
       UPDATE RENTALAGREEMENT
       SET dateReturn = varreturndate, timeReturn = varreturntime, mileageAfter =
varmileageafter
       WHERE rentalNo = varrentalID;
END;
//Calling the procedure return_vehicle and accept the user input for returning the vehicle
DECLARE
       varrentalID NUMBER := :Rental ID;
       varreturndate DATE := :Date_Returned;
       varreturntime NUMBER(4,2) := :Time Returned;
       varmileageafter NUMBER := :Mileage_After;
BEGIN
       return vehicle(varrentalID, varreturndate, varreturntime, varmileageafter);
END:
//Creating procedure that will greet the Client
CREATE OR REPLACE PROCEDURE client_greet(clientID NUMBER)
IS
       varclientno client.clientNo%type := clientID;
       varname client.clientName%type;
BEGIN
       SELECT clientName into varname from client where clientNo = varclientno;
       DBMS_OUTPUT.put_line('Hello '||varname||'! Welcome to Vehicle Rental System!');
```

END client\_greet;

**DECLARE** 

BEGIN

END:

//Calling the procedure client greet

client\_greet(varclientID);

varclientID NUMBER := :Enter\_ClientNo;

#### //Creating procedure that will greet the Employee

CREATE OR REPLACE PROCEDURE Employee\_greet(empID NUMBER)

IS

varempno Employee.EmployeeNo%type := emplD;

vartitle Employee.title%type;

varname Employee.lastName%type;

**BEGIN** 

SELECT lastName into varname from employee where employeeNo = varempno;

SELECT title into vartitle from employee where employeeNo = varempno;

DBMS\_OUTPUT.put\_line('Hello '||vartitle||' '||varname||'! Thank you for doing your job!');

END Employee greet;

#### //Calling the procedure Employee\_greet

**DECLARE** 

varempID NUMBER := :Enter\_EmployeeNo;

**BEGIN** 

Employee\_greet(varempID);

END;

#### //VIEWS

#### //Creating view for displaying table client and the date they rented and returned a vehicle

CREATE OR REPLACE VIEW vwclientdisplay AS

SELECT c.clientName, (c.clientZipCode||' '||c.clientCity||', '||c.clientState)"Address", c.clientwebAddress, c.clientTelNo, r.dateStart, r.dateReturn FROM CLIENT c FULL JOIN RENTALAGREEMENT r

ON c.clientNo = r.clientNo;

#### //Display the vwclientdisplay

SELECT \* FROM vwclientdisplay;

#### //Creating view for displaying table Outlet and their manager

CREATE OR REPLACE VIEW vwoutletdisplay

AS SELECT e.title, (e.firstname||' '||e.lastname) "Full Name", c.outletCity, c.outletState, c.outletZipcode

FROM Outlet c FULL JOIN Employee e

ON c.managerEmployeeNo= e.EmployeeNo

#### //Display the vwoutletdisplay

SELECT \* FROM vwoutletdisplay;

#### //Creating view for displaying the managers in table employee

CREATE OR REPLACE VIEW vwempdisplay

AS SELECT \* FROM employee

WHERE title = 'Manager';

#### //Display the vwempdisplay

SELECT \* FROM vwempdisplay;

#### //Creating view for displaying table Vehicle and their outlet

CREATE OR REPLACE VIEW vwvehicledisplay AS

SELECT (o.outletZipCode||' '||o.outletCity||', '||o.outletState)"Outlet Address", v.vehiclemake, v.vehicleModel, v.vehLicenseNo

FROM VEHICLE v FULL JOIN OUTLET o

ON v.outletNo = o.outletNo;

#### //Display the vwvehicledisplay

SELECT \* FROM vwvehicledisplay;

#### //Creating view for displaying table FaultReport

CREATE OR REPLACE VIEW vwfaultdisplay AS

SELECT f.vehLicenseNo, f.dateChecked, f.timeChecked, f.comments, (v.vehicleMake||' '||v.vehicleModel)"Vehicle"

FROM FaultReport f, vehicle v

WHERE v.vehLicenseNo = f.vehLicenseNo;

#### //Display the vwfaultdisplay

SELECT \* FROM vwfaultdisplay;

#### //Creating view for displaying table RentalAgreement and the client name

CREATE OR REPLACE VIEW vwRentdisplay AS

SELECT c.clientName, r.rentalNo, r.dateStart, r.timeStart, r.dateReturn, r.timeReturn, r.mileageBefore, r.mileageAfter, r.policyNo, r.insuranceCoverType, r.insurancePremium, r.clientNo, r.vehLicenseNo

FROM RentalAgreement r, client c

WHERE c.clientNo = r.clientNo;

#### //Display the vwRentdisplay

SELECT \* FROM vwrentdisplay;