A Project Report On

VEHICLE MANAGEMENT SYSTEM

Submitted To,   Submitted By,

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                                                 Roll No: 36

ABSTRACT

Abstract

Vehicle Management System is a web application. This application provides an easy and simple way to sell or purchase vehicles online. Customers can view all the details of the vechicles and can purchase the vehicle.

Modules

•Admin

•Dealer

•Customer

•Sales Manager

•Guest User

•Admin

Admin can get log in with valid username and password. Admin can add the dealer and also manage the user.

•Dealer

The dealer can register and then login with valid user name and password. Dealer can upload vehicle information. And also add sales manager. Editing profile is also a functionality.

•Customer

The customer can register and then login with valid user name and password .The customer can view vehicles, book vehicles, feedback,

complaint, view profile of dealer. Customer can perform payment and view responses from sales manager.

•Sales manager

The sales manager can login with valid username and password. The sales manager can view customer request, to handle customers, verify customers and view vehicle details of booked vehicles.

•Guest user

Guest user can login with valid user name. The guest user can view vehicles and also performs search operations.

Table Design

1.Table Name :- tbl_login

Primary Key :- L_id

Foreign Key :-R_id

Sl.No	Field Name	Data Type	Description
1.	L_id	int	Store the id of the user
2	R_id	int	Store the registration id
3.	username	varchar	Store the username of the user
4.	Password	varchar	Store the password of the user
5.	Status	varchar	Store the status

2. Table Name :- tbl_registration

Primary Key :- R_id

Sl.No	Field Name	Data Type	Description
1.	R_id	int	Store the Registration id
2.	Fname	Varchar	Store the first name
3.	Lname	Varchar	Store the last name
4.	Mobile	int	Store the mobile number
5.	Email id	varchar	Store the email id

3.Table Name :- tbl_dealer

Primary Key :- D_id

Foreign Key :- L_id

Sl.No	Field Name	Data Type	Description
1.	D_id	int	Store the id of the dealer
2.	L_id	int	Store login id
3.	D_email	varchar	Store the email address
4.	D_mobile	int	Store the mobile number
5.	D_address	varchar	Store the address

4.Table Name :- salesmanager

Primary Key :- S_id,

Foreign Key :- D_id, L_id

Sl.No	Field Name	Data Type	Description
1.	S_id	int	Store the id of the salesmanager
2.	D_id	int	Store the id of the dealer
3.	L_id	int	Store the login id
4.	S_email	varchar	Store the email
5.	S_mobile	int	Store the mobile
6.	S_address	varchar	Store the address
7.	S_gender	varchar	Store the gender

5.Table Name :- tbl_vehicle

Primary Key :- V_id

Foreign Key :- S_id

Sl.No	Field Name	Data Type	Description
1.	V_id	int	Store the id
2.	S_id	int	Store the sales manager id
3.	Vehicle name	varchar	Store vehicle name
4.	Vehicle model	varchar	Store the vehicle model
5.	Mf year	date	Store manufacturer year
5.	Vehicle color	varchar	Store vehicle year
6.	Vehicle cost	varchar	Store vehicle cost

6.Table Name :- tbl_feedback

Primary Key :- F_id

Foreign Key :- L_id

Sl.No	Field Name	Data Type	Description
1.	F_id	int	Store the feedback id
2.	L_id	int	Store the loginid
3.	Title	varchar	Store the title
4.	feedback	varchar	Store the feedback

7.Table Name :- tbl_bank

Primary Key :- B_id

Sl.No	Field Name	Data Type	Description
1.	B_id	int	Store id of bank
2.	bank name	varchar	Store name of the bank
3.	username	varchar	Store the username
4.	cardno	int	Store the card no.
5.	balance	float	Store the balance amount

8.Table Name:- tbl_transaction

Primary Key :- T_id

Foreign Key :- B_id

Sl.No	Field Name	Data Type	Description
1.	T_id	int	Store transaction id
2.	B_id	int	Store bank id
3.	from account	int	Store the account number
4.	to account	int	Store the account number
5.	amount	float	Store the amount
6.	date	date	Store the date

9. Table Name:- tbl_order

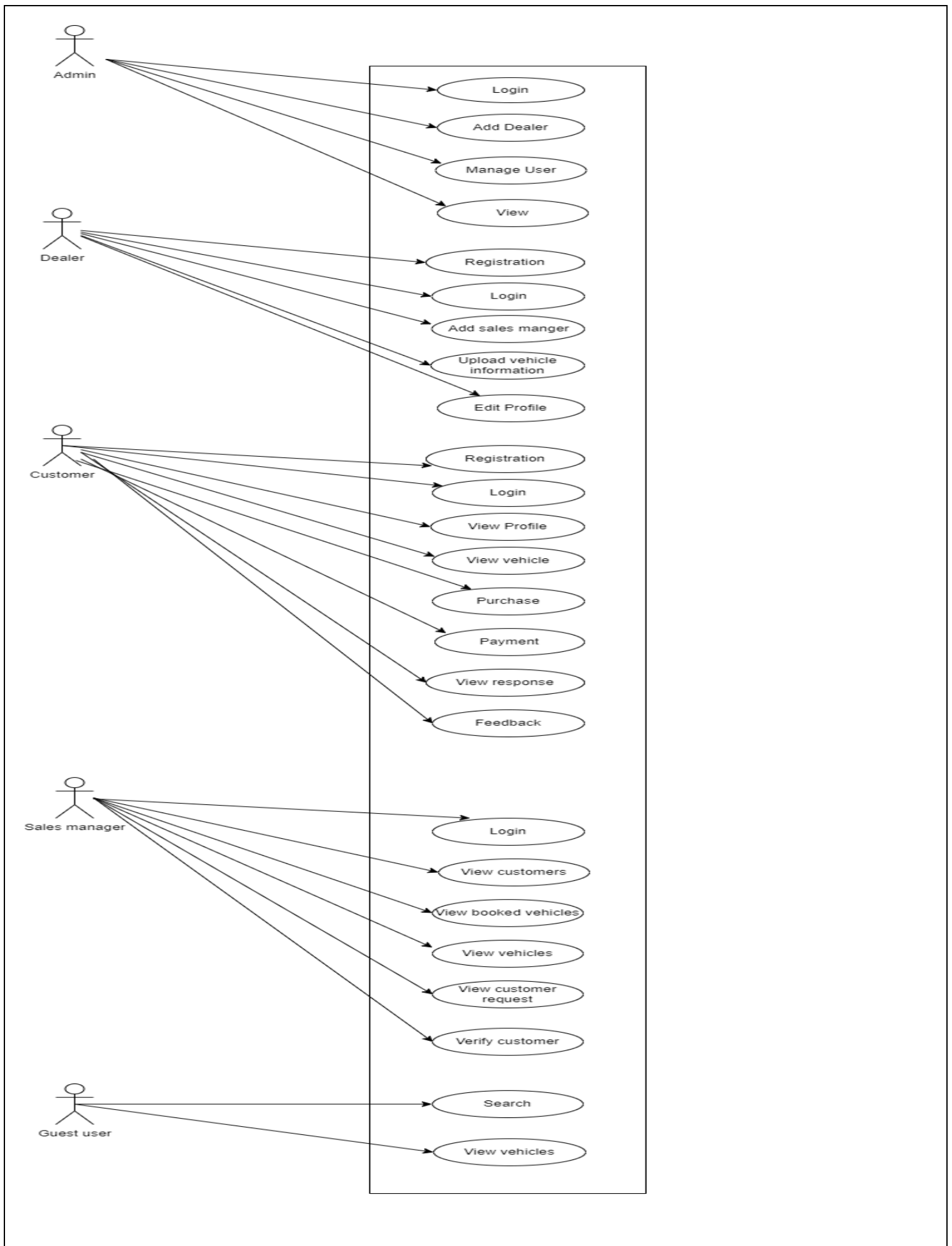Primary Key :- O_id

Foreign Key :- V_id

Sl.No	Field Name	Data Type	Description
1.	O_id	int	Store order id
2.	V_id	int	Store the vehicle id
3.	amount	float	Store the amount of vehicle
4.	address	varchar	Store the address

UML DIAGRAMS

Class Diagram

User

+rid: int
+email: string
+mobile: int

+add()
+update()
+delete()
+view()

Vehicle

+v_id: int
+v_name: string
+v_model: string

+add()
+delete()
+update()

Order

+o_id: int
+date: date

+add()
+delete()
+view()

Cash

+amount: int

+add()

Complaint

+c_id: int
+date: date
+desc: string

+add()
+view()

Purchase

+id: int
+date: date
+time: varchar

+add()
+view()

Payment

+p_id: int
+amount: int

+add()
+cancel()

Card

+amount: int

+add()
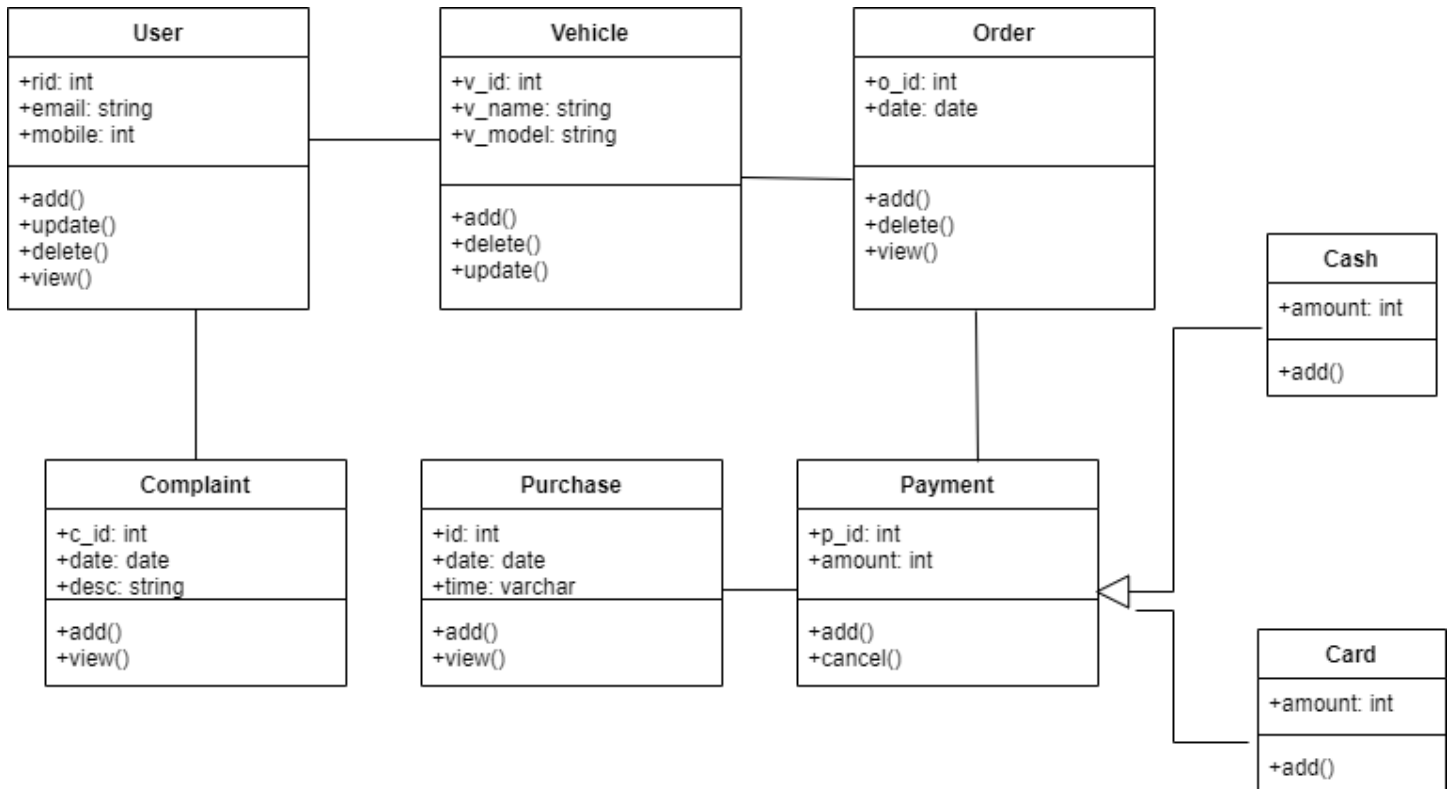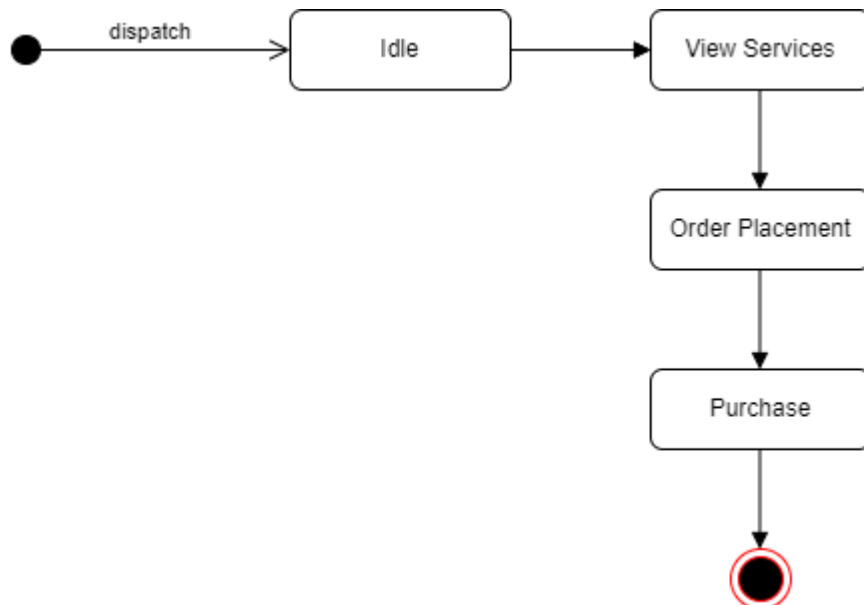
Usecase Diagram

Sequence Diagram
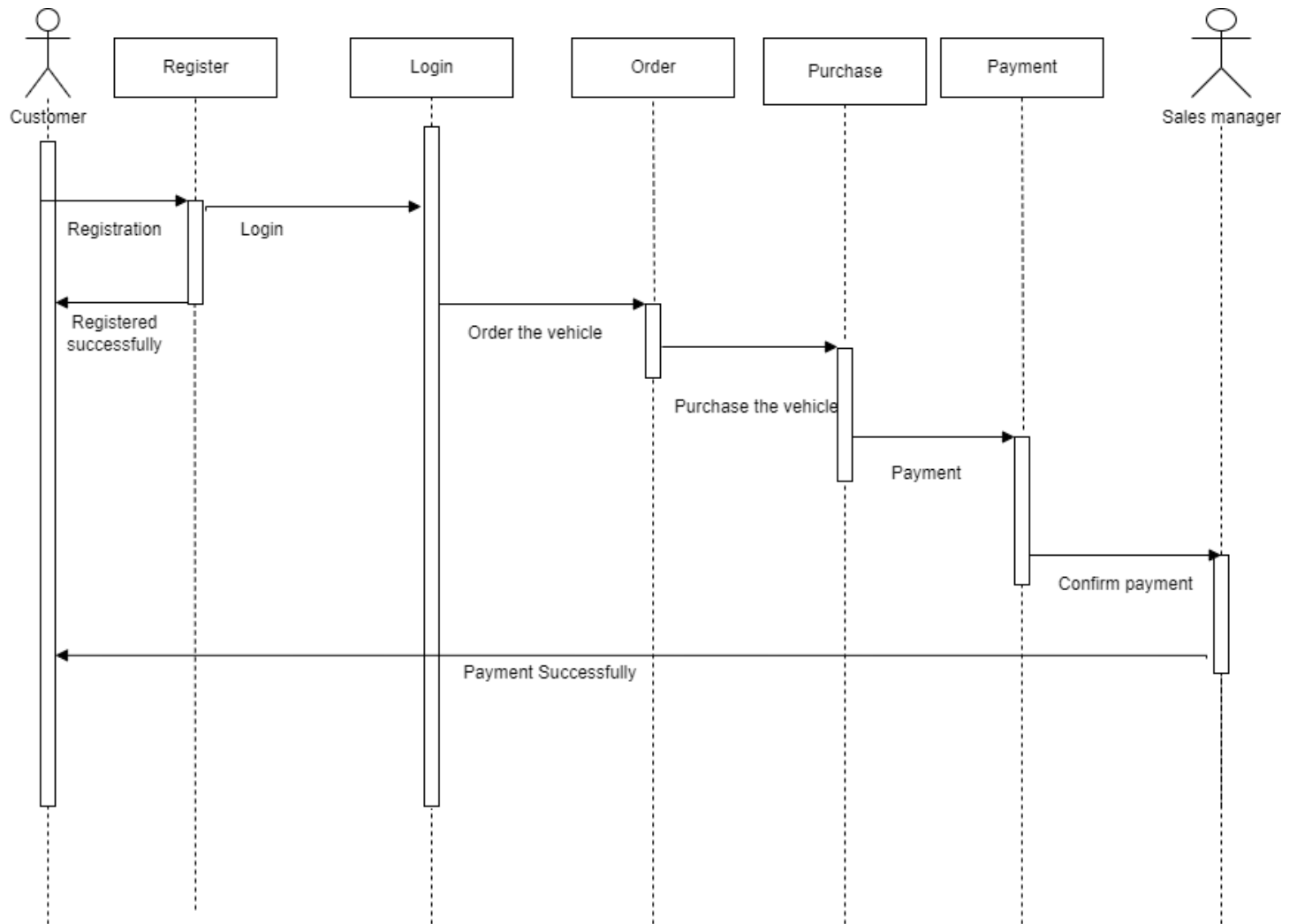
State Diagram

Activity Diagram

Object Diagram

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                    ┌─────────────────────────────┐
                    │  Vehicle Management System  │
                    │             1               │
                    └─────────────────────────────┘
                                   │ \
         ┌─────────────────────────┼─────────────────────────┐
         ▼                         ▼                         ▼
┌──────────────────┐    ┌──────────────────┐    ┌──────────────────┐
│   A1: User       │    │   A2:Vehicle     │    │   A3:Order       │
├──────────────────┤    ├──────────────────┤    ├──────────────────┤
│ id: 101          │    │ id: 201          │    │ id: 301          │
└──────────────────┘    └──────────────────┘    └──────────────────┘
         │                                                │
         │                                                │
┌──────────────────┐    ┌──────────────────┐    ┌──────────────────┐
│   A4: Complaint  │    │   A5:Purchase    │    │   A6:Payment     │
├──────────────────┤    ├──────────────────┤    ├──────────────────┤
│ id: 401          │    │ id: 501          │    │ id: 601          │
└──────────────────┘    └──────────────────┘    └──────────────────┘
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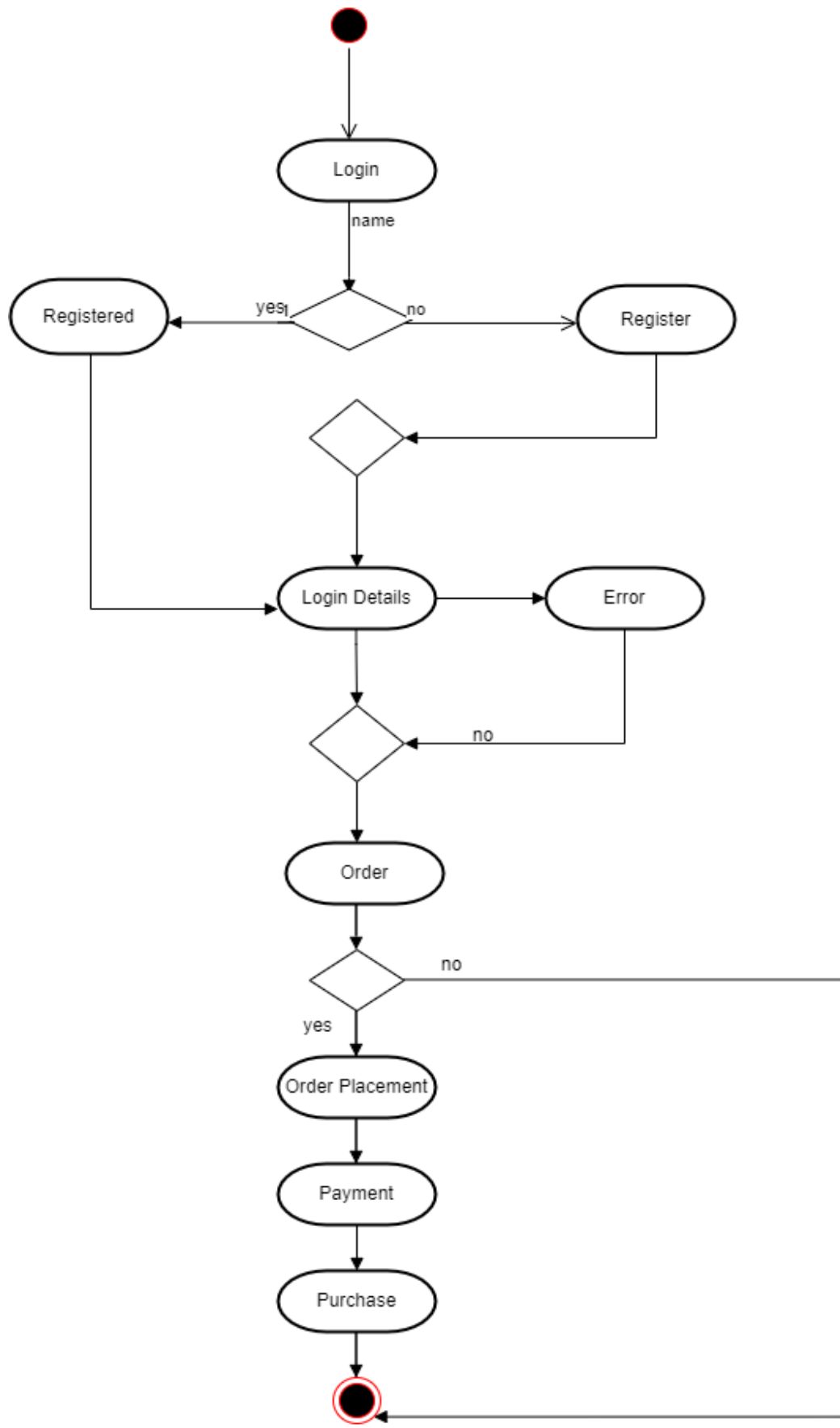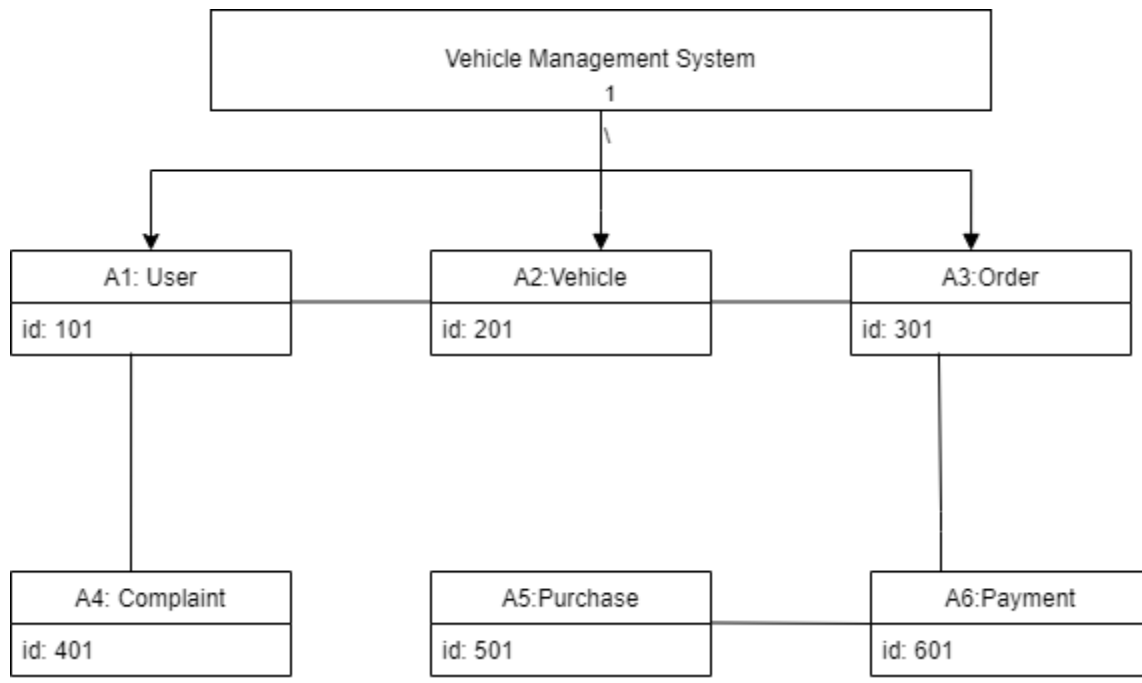
Component Diagram
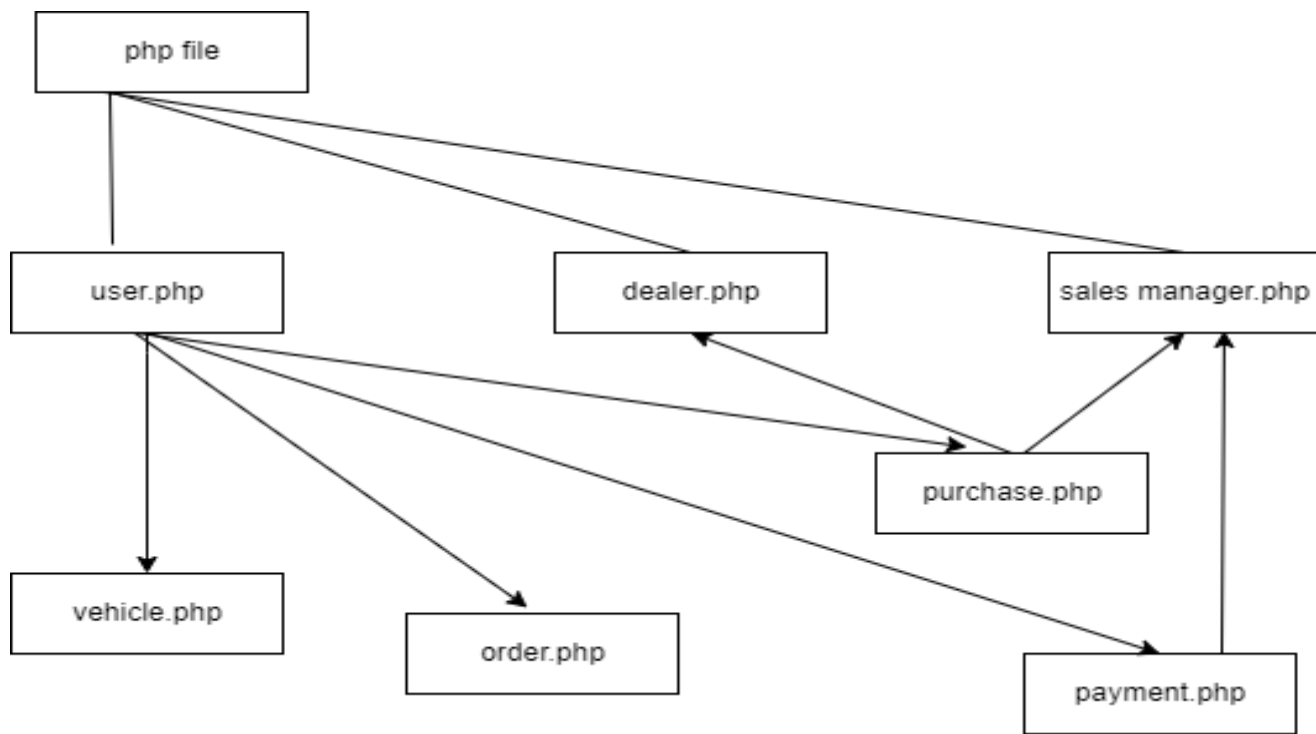
Prototype Design

<u>Home Page</u>

Vehicle Management System

Home   About   Contact   Signin   Signup
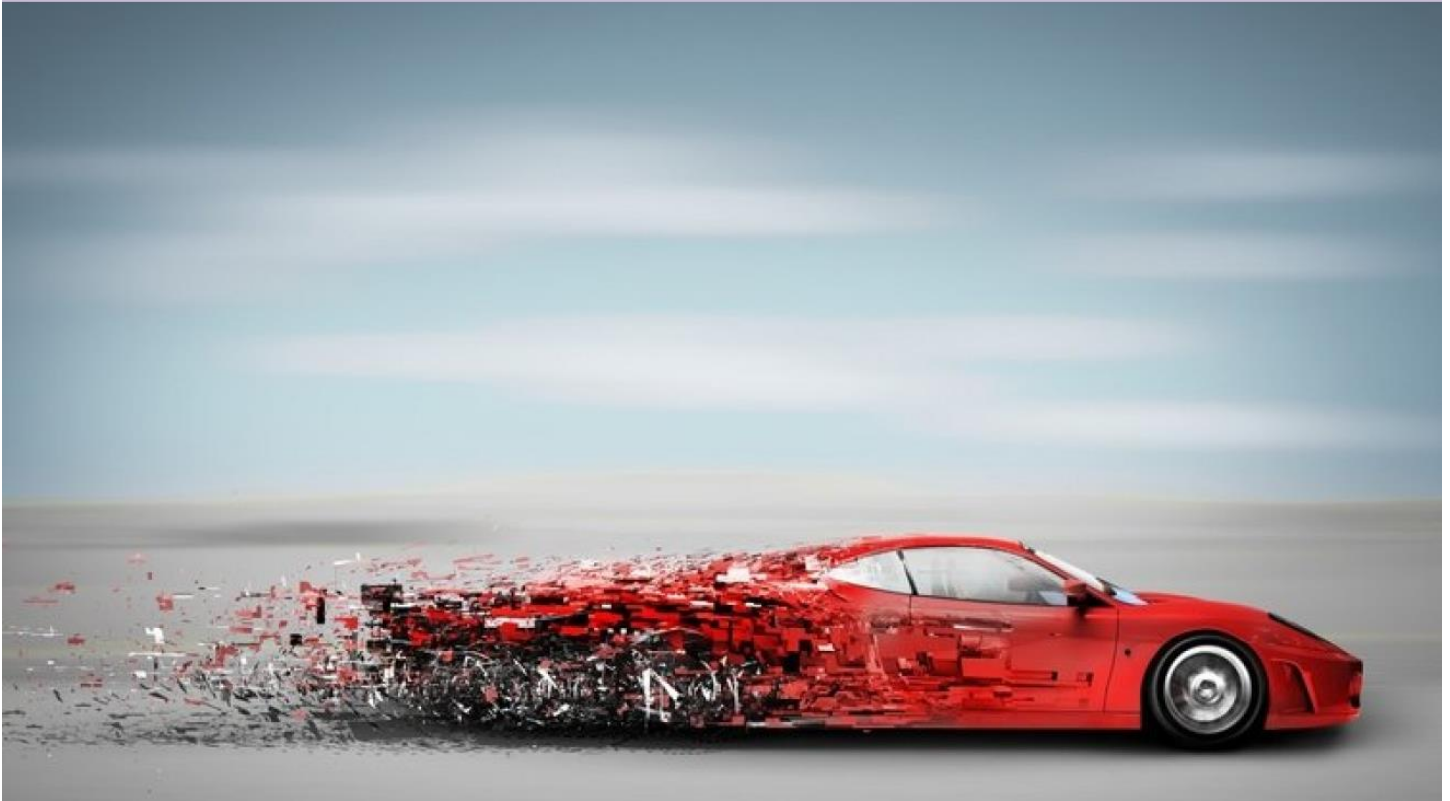
Vehicle Management System

Home

LOGIN HERE

Username

Password

LOGIN

Vehicle Management System
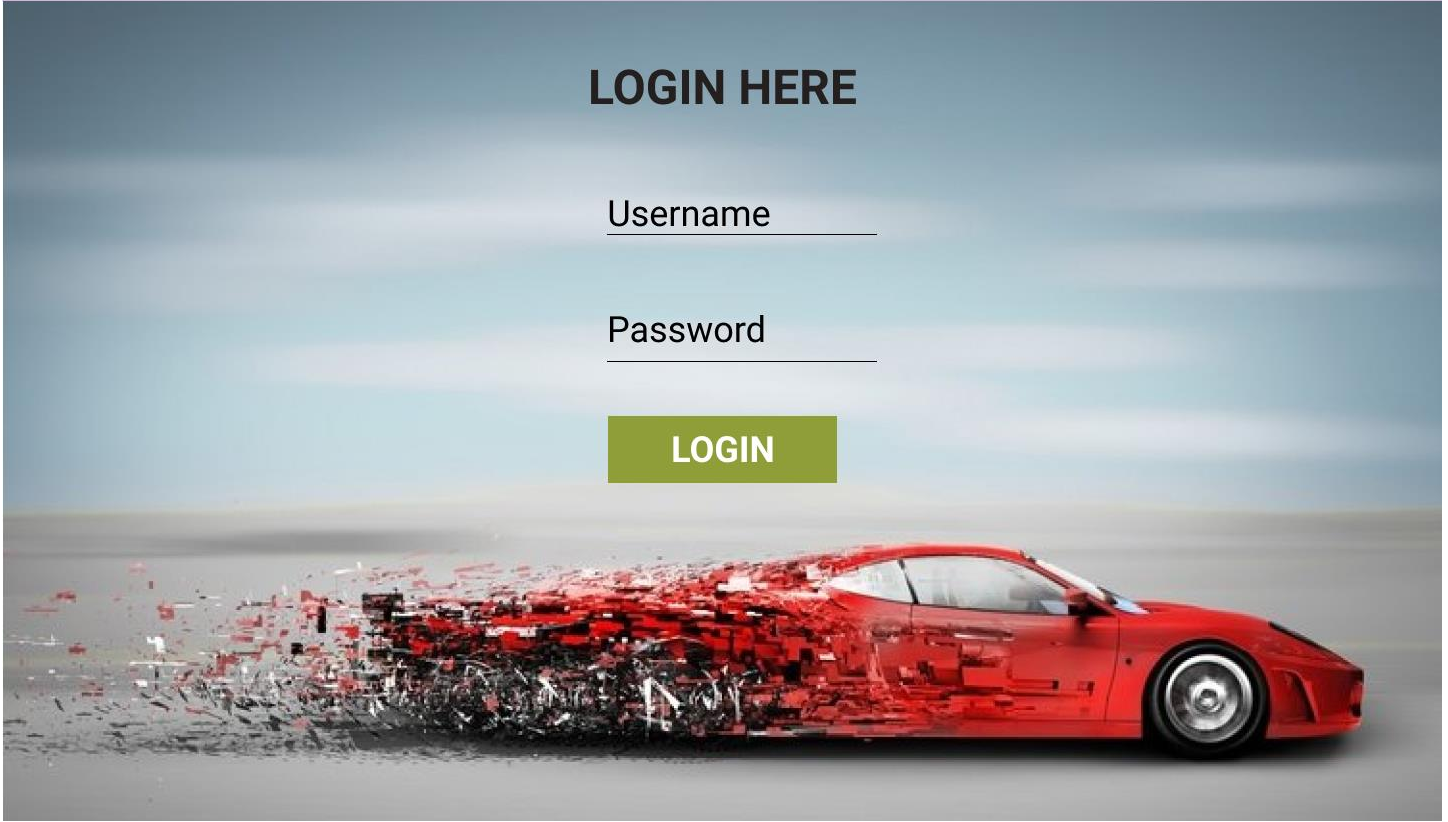
Registration Page

REGISTER HERE

First Name

Last Name

Mobile Number

Email

Password

SUBMIT

Already a member?Login Here