Shivnagar Vidya Prasarak Mandal's

College of Engineering,Malegaon Bk.

Tal:Baramati, Dist:Pune, Pin: 413115

Academic Year –(2022-2023) Sem- II

Project Report On

"Vehicle Renting Website(Java Development)"

Subject

Internship

Submitted To Savitribai Phule Pune

University

Third Year in Computer Engineering

Department Of Computer Engineering

CERTIFICATE

**SVPM's COLLEGE OF ENGINEERING,
DEPARTMENT OF COMPUTER ENGINEERING**

This is to certify that the Internship entitled

"Vehicle renting website"

In

"Internpe Pvt Ltd"

Submitted by

Name of student:-Tate Deshmukh Rutuja   Roll No:370

is a bonafide work carried out by Students under the supervision of Prof.V.G.Jagtap and it is submitted towards the partial fulfillment of the requirement of Bachelor of Engineering (Computer Engineering) Internship.

Prof. P N. Kadam   Dr.Y.D.Sinkar

Internal Guide   H.O.D

Dr. S. M. Mukane

Principal

Place : SVPM's COE Malegaon(Bk.)

Date :

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chapter1
INTRODUCTION

The Vehicle Renting management system is intended to increase accuracy, safety, and efficiency in the renting. It is a computer-based system that stores important information and makes rental stores run better.

The Vehicle Renting Management system is built in order to replace manual based system to computerized. Here system is expected to be efficient, useful and affordable on implementing tasks that is order by the medical manager.

Problem statement:

The Manual vehicle rental system provides services only during office hours. So, customers have limited time to make any transactions or reservation of the cars. The existence of the online vehicle rental systems nowadays has overcome the limitation of the business operation hour. Besides that, there are some customers who faced a problem in choosing car to be rented which suitable with some of the important requirements.

SYSTEM ARCHITECTURE

(a) Login	⟹	(b)Personal Details

⟱

(c)View car

| (e)Exit | ⟸ | (d)Book car | ⟸ |
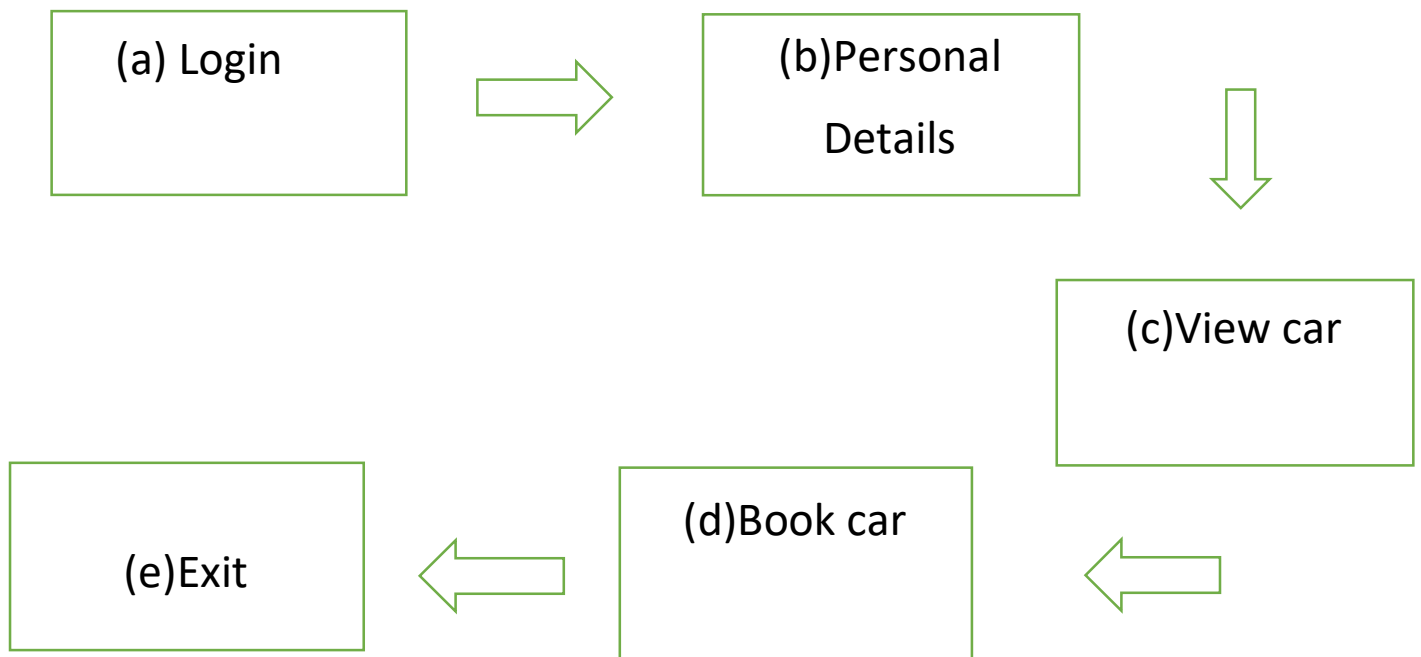
ALGORITHM

Step1: Collect User Information

Step 2: Search for Available Vehicles

Step3: Display Available Vehicles

Step 4: Reserve the Vehicle

Step 5: Update Inventory

Step 6: Manage Reservations

Step 7: Return the Vehicle

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TECHNOLOGY USED

Hardware Requirements:

- Processor: Intel(R) Core(TM) i5-10300H CPU @ 2.50GHz   2.50 GHz

- RAM: 16 GB

- Monitor: 15 inch colour monitor

- Processor speed: 2.10 GHZ

- SSD: 512 GB

- Keyboard: built in keyboard

- Mouse: track-pad

Software Requirements:

- Vs Code

- Google chrome

- Apache NetBeans

- Windows 11

- JDBC

- MySQL Workbench

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SOURCE CODE

LOGIN FILE**:**

```java
package car.rental;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import java.sql.*;
public class Login extends JFrame implements ActionListener{

  JButton login,signup,password;
  JTextField tfusername,tfpassword ;


  Login()
  {
    setSize(900 , 400);
    setLocation(350, 200);
    setLayout(null);
    getContentPane().setBackground(Color.white);

    //this code for left part of frame
    JPanel p1 = new JPanel();
    p1.setBackground(new Color(255 , 0, 191));
    p1.setBounds(0, 0, 400, 400);
    p1.setLayout(null);
    add(p1);

    //this is for right part of frame
    JPanel p2 = new JPanel();
```

```java
p2.setLayout(null);

p2.setBounds(400,30,450,300);

add(p2);


//this is for adding img in left part

ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("icons/login.png"));

Image i2 = i1.getImage().getScaledInstance(200, 200, Image.SCALE_DEFAULT);

ImageIcon i3 = new ImageIcon(i2);

JLabel image = new JLabel(i3);

image.setBounds(100, 120, 200, 200);

p1.add(image);


//this for username label

JLabel lbusername = new JLabel("Username");

lbusername.setBounds(60, 20, 100, 25);

lbusername.setFont(new Font("SAN SERIF", Font.PLAIN,20));

p2.add(lbusername);


//this for user text field

tfusername = new JTextField();

tfusername.setBounds(60, 60, 300, 30);

tfusername.setBorder(BorderFactory.createEmptyBorder());

p2.add(tfusername);




//this for password label

JLabel lbpassword = new JLabel("Password");

lbpassword.setBounds(60, 110, 100, 25);

lbpassword.setFont(new Font("SAN SERIF", Font.PLAIN,20));

p2.add(lbpassword);
```

```java
//this for password text field
tfpassword = new JTextField();
tfpassword.setBounds(60, 150, 300, 30);
tfpassword.setBorder(BorderFactory.createEmptyBorder());
p2.add(tfpassword);


login = new JButton("Log in");
login.setBackground(new Color(131,193,231));
login.setForeground(Color.white);
login.setBorder(BorderFactory.createEmptyBorder());
login.setBounds(60, 200, 130, 30);
login.addActionListener(this);
p2.add(login);


signup = new JButton("Sign Up");
signup.setBackground(new Color(131,193,231));
signup.setForeground(Color.white);
signup.setBorder(BorderFactory.createEmptyBorder());
signup.setBounds(230, 200, 130, 30);
signup.addActionListener(this);
p2.add(signup);


password = new JButton("Forget Password");
password.setBackground(new Color(131,193,231));
password.setForeground(Color.white);
password.setBorder(BorderFactory.createEmptyBorder());
password.setBounds(130, 250, 130, 30);
password.addActionListener(this);
p2.add(password);


JLabel text = new JLabel("Trouble in sign in");
```

```java
        text.setBounds(300,250,150,20);

        text.setForeground(Color.red);

        p2.add(text);


        setVisible(true);


    }


    public void actionPerformed(ActionEvent ac)

    {

        if(ac.getSource()==login)

        {

            try{

                String username = tfusername.getText();

                String pass = tfpassword.getText();

                String query = "Select * from account where username = '"+username+"'And password='"+pass+"'";

                Conn c = new Conn();

                ResultSet rs = c.s.executeQuery(query);


                if(rs.next())

                {

                    setVisible(false);

                    new Loading(username);

                }

                else

                {

                    JOptionPane.showMessageDialog(null, "Incorrect Password or Username");

                }


            }


            catch(Exception e)
```

```java
            {
                e.printStackTrace();
            }
        }
        else if(ac.getSource()==password)
        {
            setVisible(false);
            new Forgetpassword();
        }
        else if(ac.getSource()==signup)
        {
            setVisible(false);
            new Signup();
        }
    }
//
    public static void main(String [] args)
    {
        new Login();
    }

}
```

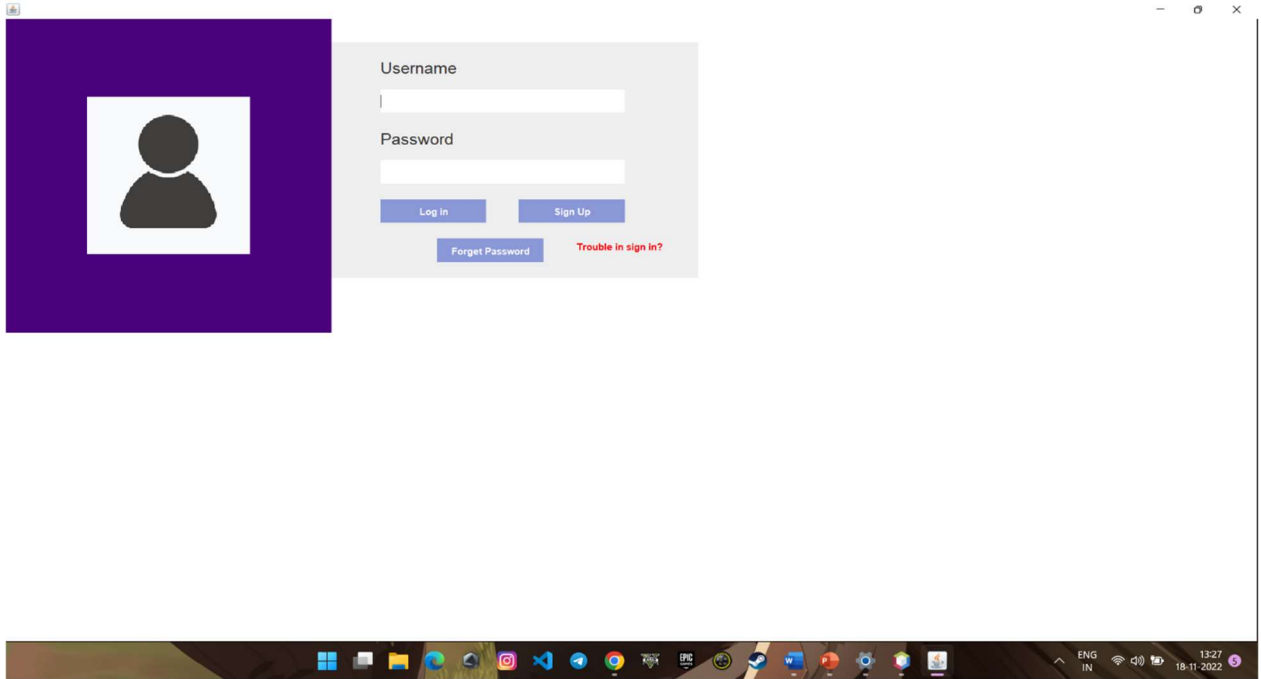**CONNECTIVITY FILE:**

```java
package car.rental;
import java.sql.*;

public class Conn {
    Connection c;
    Statement s;
    Conn()
    {
```
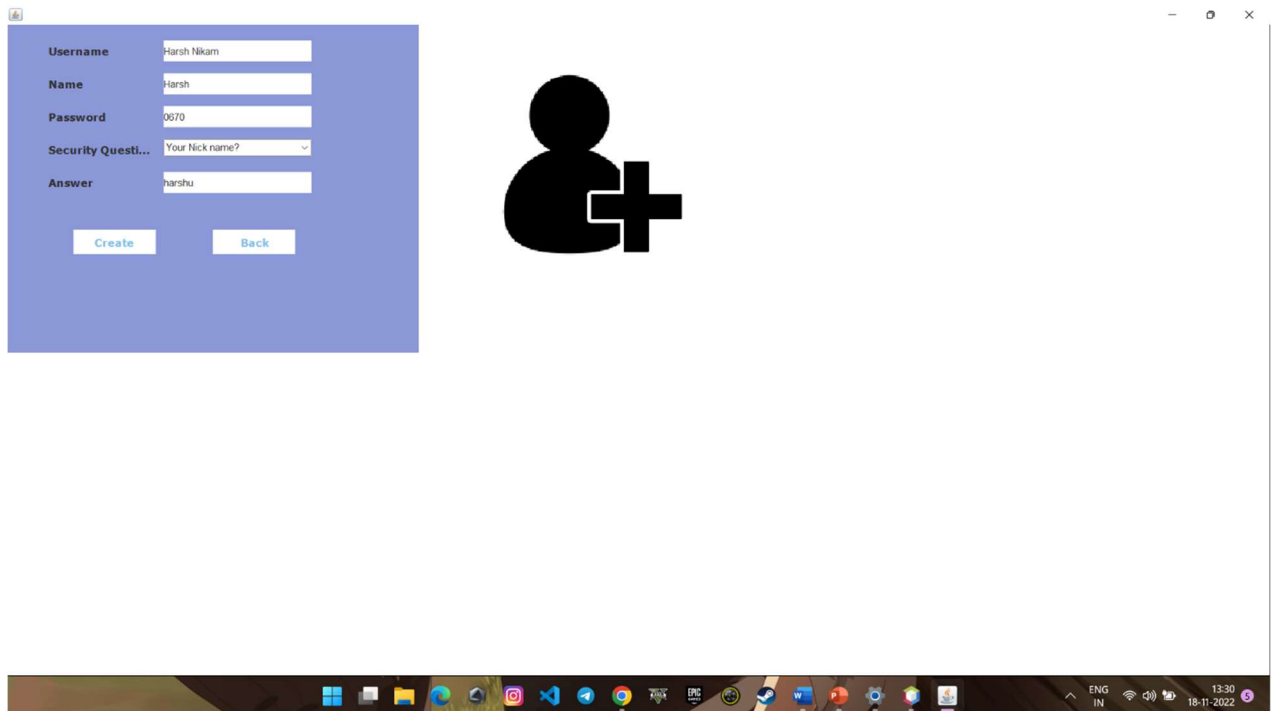
```java
        try{
            Class.forName("com.mysql.cj.jdbc.Driver");
            c = DriverManager.getConnection("jdbc:mysql:///caronrent","root","Ruts@25");
            s= c.createStatement();
        }
        catch(Exception e)
        {
            e.printStackTrace();
        }
    }
}
```
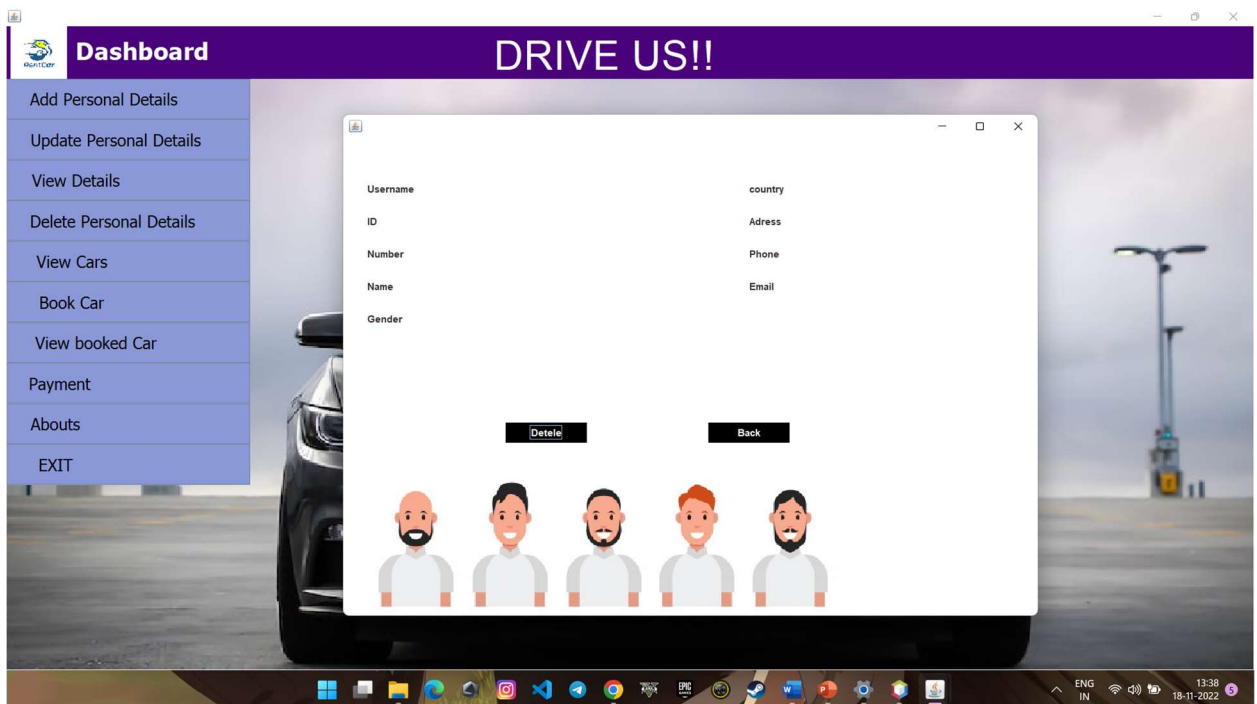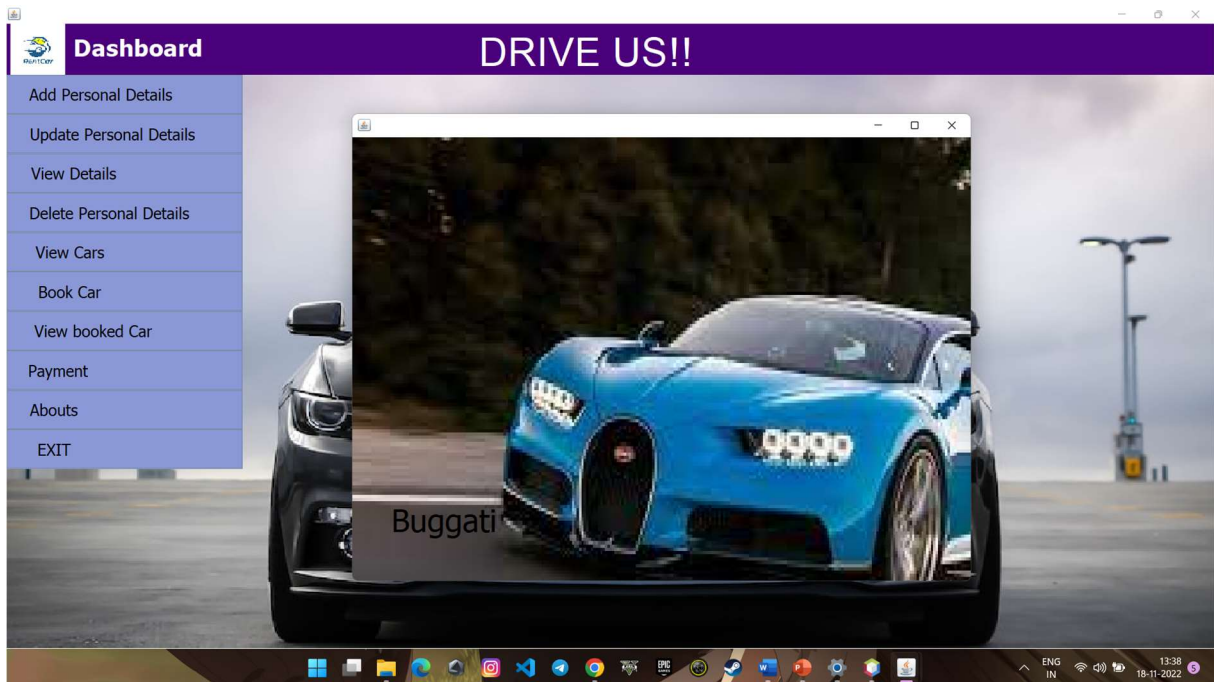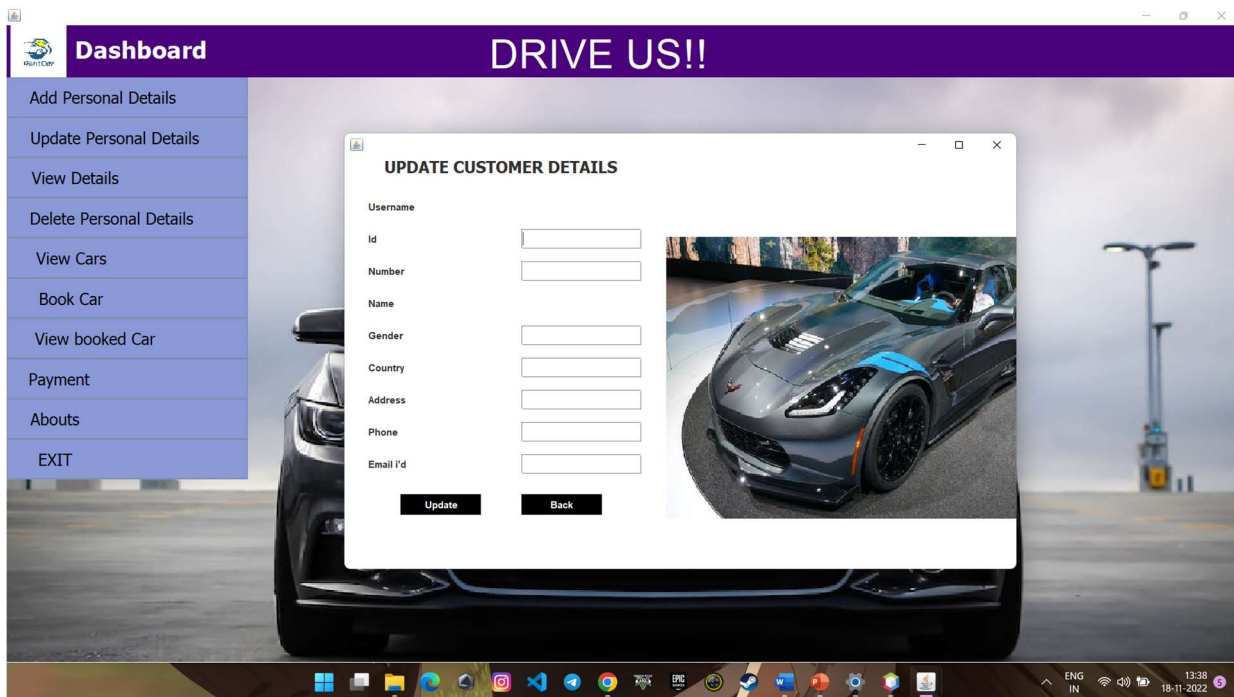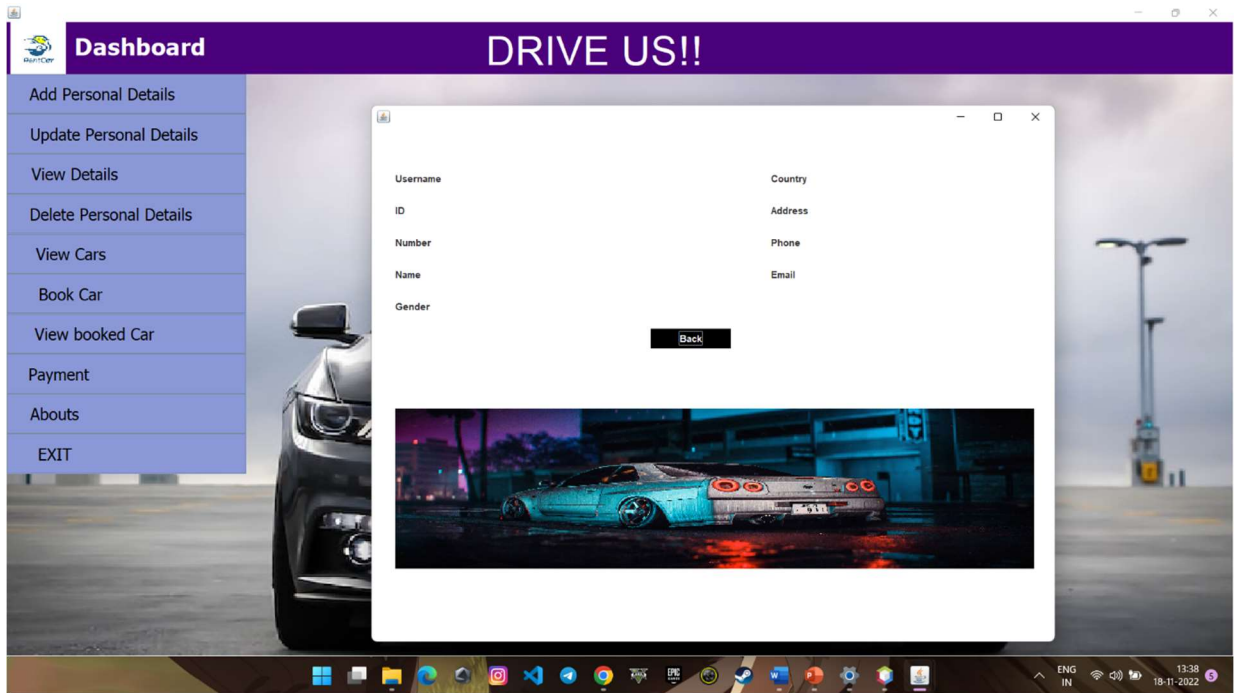
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Result

LOGIN AND SIGN IN PAGE

Dashboard — DRIVE US!!

- Add Personal Details
- Update Personal Details
- View Details
- Delete Personal Details
- View Cars
- Book Car
- View booked Car
- Payment
- Abouts
- EXIT

Username   Country
ID   Address
Number   Phone
Name   Email
Gender

Back

Dashboard — DRIVE US!!

- Add Personal Details
- Update Personal Details
- View Details
- Delete Personal Details
- View Cars
- Book Car
- View booked Car
- Payment
- Abouts
- EXIT

UPDATE CUSTOMER DETAILS

Username

Id
Number
Name
Gender
Country
Address
Phone
Email i'd

Update   Back

Username	harsh Nikam	Search
Name	Harsh	
Segurity Question	whats you nick name?	
Answer	harshu	Retrieve
Your Password	7070	
	Back	

Dashboard

DRIVE US!!

- Add Personal Details
- Update Personal Details
- View Details
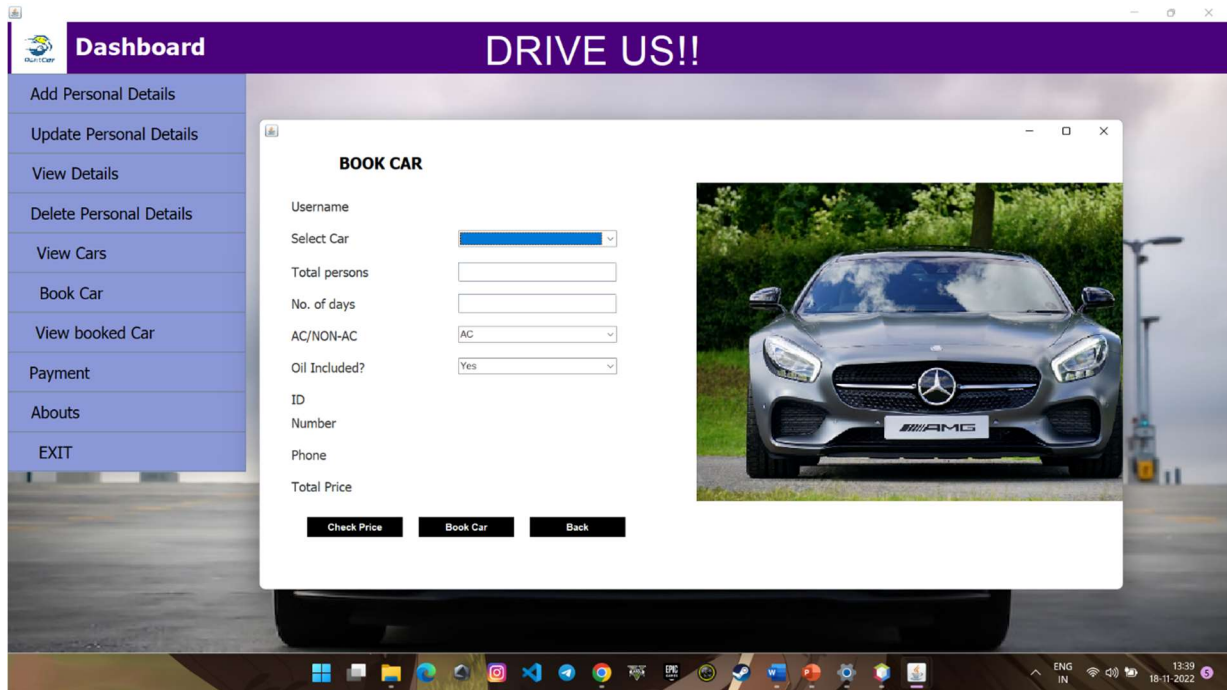- Delete Personal Details
- View Cars
- Book Car
- Destination
- Payment
- Abouts
- EXIT

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Conclusion

In conclsion, the system will be able to serve as a web base application when it is finally developed, where these small upcoming companies can make use of it to publish their services in a wide range and also help the company to manage their service more effectively. On the other hand, it will enable customers to freely make their desire choice more freely and interactively.

Reference

- http://www.w3school.com

- https://www.inettutor.com/

- https://www.youtube.com/

- http://en.wikipedia.org/wiki/Prototype

chapter11

CERTIFICATE

COMPLETION CERTIFICATE

@internPE

CID : IPI#2436

To whomever it may concern

This is to certify that **Rutuja Tate Deshmukh** worked as a Intern in our company from **13-Mar-2023 to 23-Apr-2023**

Please find the internship details below:

Company Name: InternPe
Location: Remote
Domain: JAVA Programming
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

(Co-Founder)
InternPe

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