A

Project Report On

"Carpool Management Website"

Submitted to

The Department of Computer Studies

SIBER, Kolhapur

(An Autonomous Institute)

FOR THE PARTIAL FULFILLMENT OF MASTER OF COMPUTER APPLICATION

(MCA - I) (SEM – II) By

Miss. Vankudre Sohi Mahaveer

Miss. Dhalgade Tejashree Vasant

Under the guidance of

Prof. A.O. Teli

Dr. P.G.Naik

CHH. SHAHU INSTITUTE OFBUSINESS EDUCATION & RESEARCH,

KOLHAPUR

2021-2022

Certificate

Department Of Computer Studies

This is to certify that, the project report entitled "**Carpool Management System**" is the record of project work, carried out in this college by

Miss. Vankudre Sohi Mahaveer

Miss. Dhalgade Tejashree Vasant

For the partial requirement of the MCA-I(Sem-II) Examination of the Chh. Shahu Institute of Business Education & Research, Kolhapur during the academic year 2021 - 2022.

Date:

Prof A.O. Teli   Dr.P.G.Naik

Project Guide   H.O.D. & Project Guide   Examiner

DECLARATION

To,

The Director,

CSIBER, Kolhapur.

Sir,

We undersigned Miss Vankudre Sohi Mahaveer and Miss Dhalgade Tejashree Vasant hereby declare that, the project report **"Carpool Management System"** submitted by us, under the guidance of Prof A.O.Teli and Dr.P.G.Naik is our original work. The project presented is developed by us independently and is not duplication from any other source.

This project report is submitted to Chh. Shahu Institute of Business Education & Research, Kolhapur for the partially fulfilment of MCA-I (Sem- II) Project.

We understand that any such copying is liable to punish in a way that University Authorities deem fit.

Place: Kolhapur

Date:

Miss.Vankudre Sohi Mahaveer (Exam No. 3463)
Miss. Dhalgade Tejashree Vasant (Exam No. 3433)

ACKNOWLEDGEMENT

We are sincerely express our gratitude to a number of people who have helped us throughout my project work.

We wish to express by indebtedness and thankfulness to our H.O.D. and project Dr P.G.Naik for their encouragement without which we could not complete our project task

We would also like to convey our feeling of gratitude to our guide Dr.P.G.Naik and Prof A.O.Teli who has guided us throughout us project work with her immense knowledge and has encouraged us throughout.

Also I would like to take an opportunity to thank all our MCA department faculty for extending their full support.

Lastly, we would also thank to our parents and friends who have helped us directly and indirectly.

Place: Kolhapur
Date:

Miss.Vankudre Sohi Mahaveer (Exam No. 3463)
Miss. Dhalgade Tejashree Vasant (Exam No. 3433)

INDEX

INTRODUCTION

Car pooling system is the concept which enables sharing of car journey. The car owner can post the ride on website and accept the bookings from other travellers who are whiling to travel the same destination on same date. This concept is economically as less resources will be used and cost of traveling four per person will reduce. This system allows user to find the rides for there travel destination from their source location.

The system admin will have rights to approve user, approve rides and delete the user.

EXISTING SYSTEM

Existing system enables user to book the taxi separately for each traveler.This system use more resources compare to car pooling system also It is not economically for traveller to book taxi to travel, individually.

3)Objectives of proposed system :-

- Enable user to register with website and search the rides for particular location.
- Book the ride for preferred destination.
- User who is car owner should be able to post rides for travelling destination from source destination from source destination.
- User should able to cancel book ride.
- System should maintain user record and rides history.
- Admin should be able to approve and delete user.

4) Customers:-

Anyone can use this website who travel frequently.

FUNCTIONALITIES

1)There will be 2 users of system:

- Driver
- Passenger

2)Member should be able to register to website by filling the details .the ,member registration request will be forwarded to admin for approval.

3)After registration by member user can login to their account using login credential.

5)After logging to the member account number member will get options for member type selection.

i)car\ride owner

ii)passenger

6) If member select car owner option ,he will be able to perform following faction on car owner page .

   i) Car owner should be able to post the ride by filling details like.

- Personal details.
- Car details.
- Ride details.

   ii) Ride will visible to the passenger

   iii)Car owner will able to cancel the ride 24 hours before travel time.

   iv)Car owner can view posted rides.

7) If member selects passenger option he will be redirected to passenger landing page and get following option

   i)If member will get find and book ride option after checking on these option under should fill details

- Source location.
- Destination location.
- Travel date and time.
- Number of passenger.

ii) After filling above details passenger will be displaying available rides gor selected location.

iii) If passenger select and click on book ride option that request will be send to car owner.

iv) Passenger will be get car owner approval and then cancel ride before 24 hours of travel time.

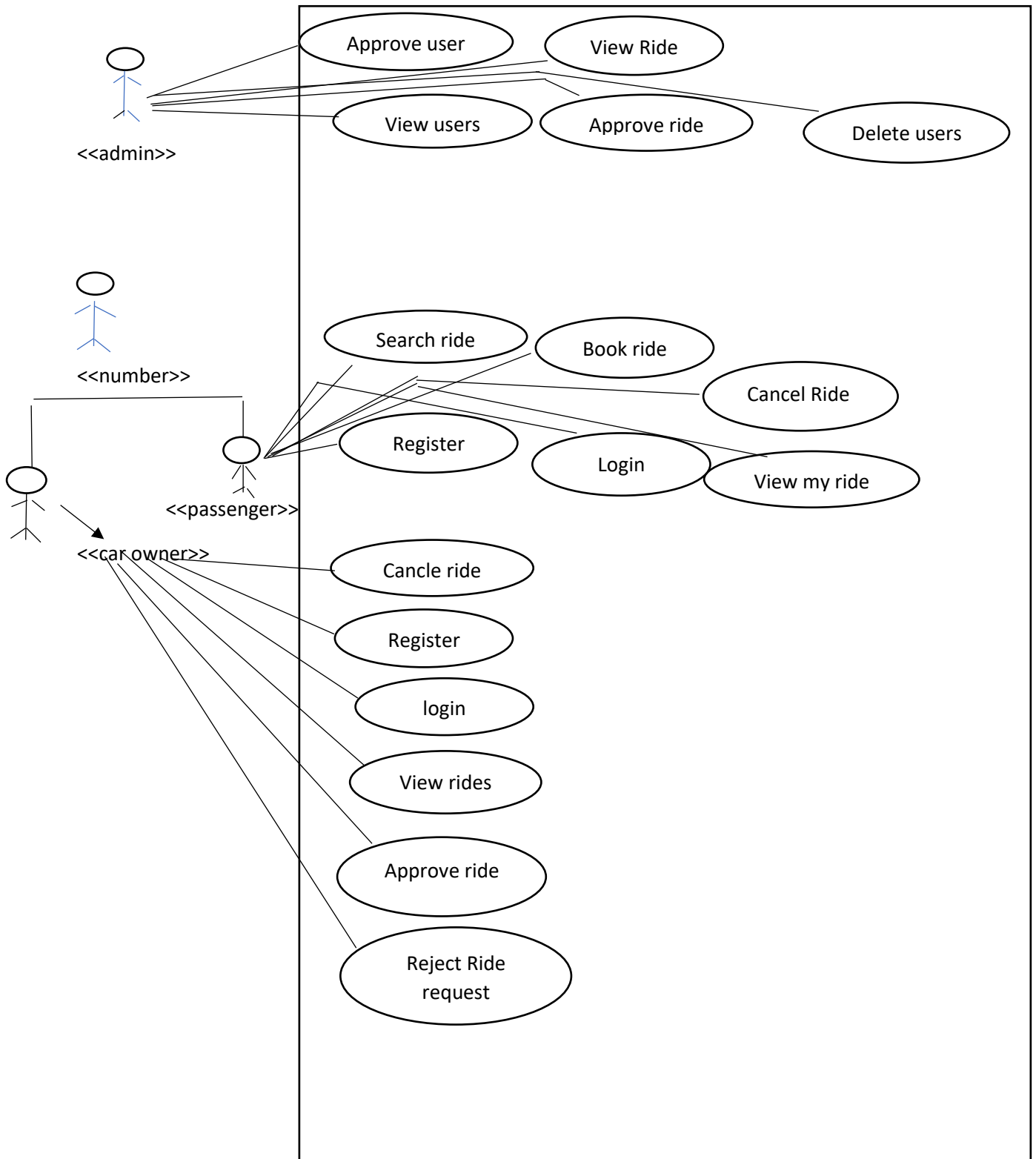v) Passenger will be able to view the rides taken.

SYSTEM REQUIREMENTS

1)Hardware requirement:-

- Processor: intel dell core i3 and above
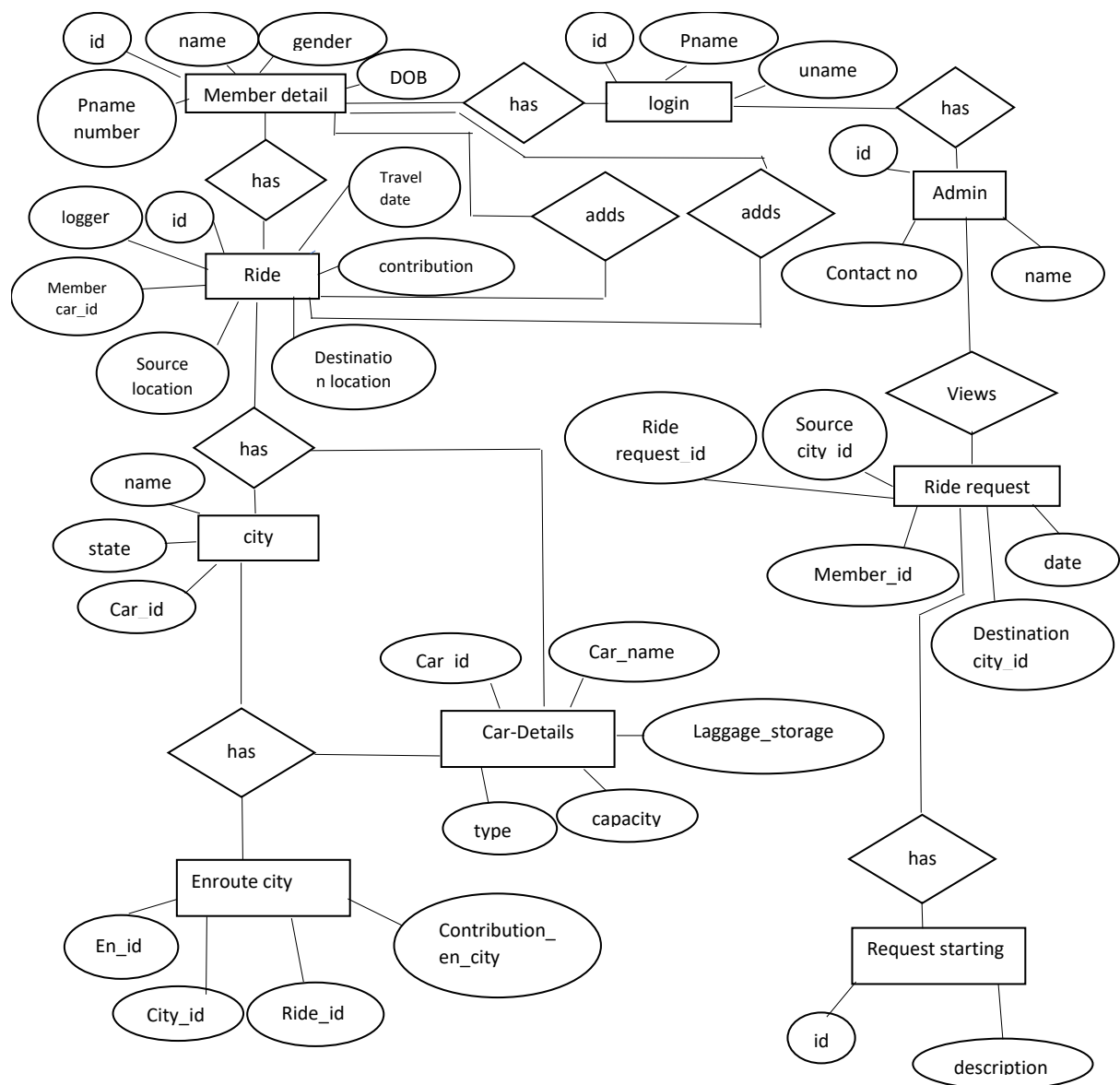- RAM:1GB and above
- HDO:50GB and above
- Monitor:color
-

2) Software requirement:-

- Operating system :windows 7 and above
- Front end :visual studio code (HTML, CSS, JavaScript)
- Backend: XAMPP PHP MySQL

- HTML:
    Hyper Text Markup Language. Used to develop the front end of proposed system.
- CSS:
    Cascading system sheet used for design purpose of front end design with html.
- JAVASCRIPT:

    JavaScript is used for making website program dynamically.

- PHP:

    Php used for backend development language.

- MySQL:

    MySQL is used for database purpose.

USE CASE DIAGRAM

- Approve user
- View Ride
- View users
- Approve ride
- Delete users

<<admin>>

<<number>>

- Search ride
- Book ride
- Cancel Ride
- Register
- Login
- View my ride

<<passenger>>

<<car owner>>

- Cancle ride
- Register
- login
- View rides
- Approve ride
- Reject Ride request
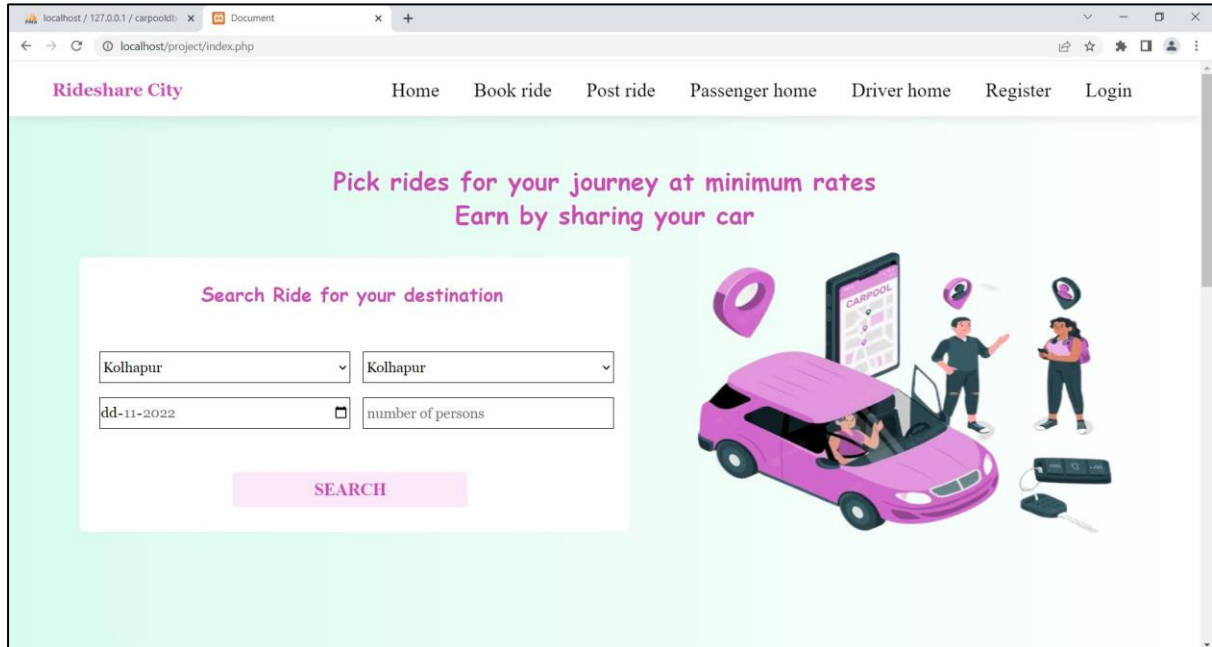
ER DIAGRAM
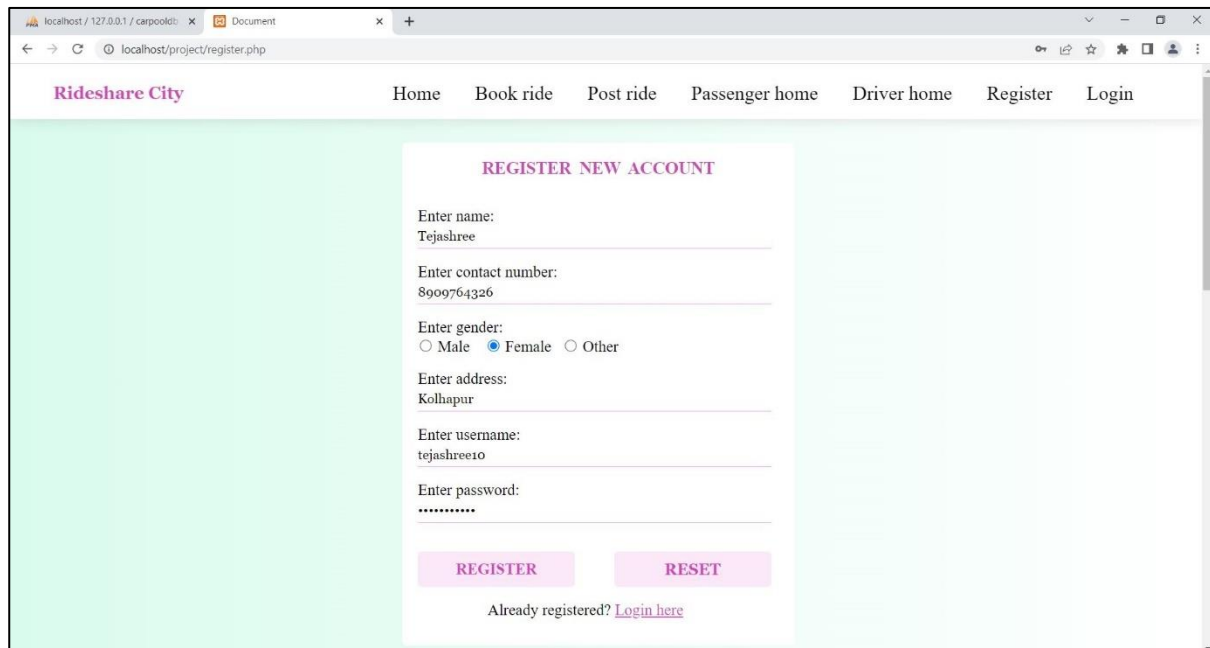
INPUT OUTPUT SCREEN DESIGN

1. Index page/Home page:

2. Registration page for user: User will fill details and register to website.

3. Login page: After registration user will login to system using username and password and will be able to perform adding or booking rides/ carpools.

4. Welcome page: After login user is redirected to welcome page.

5. Passenger page: Landing page for passenger.
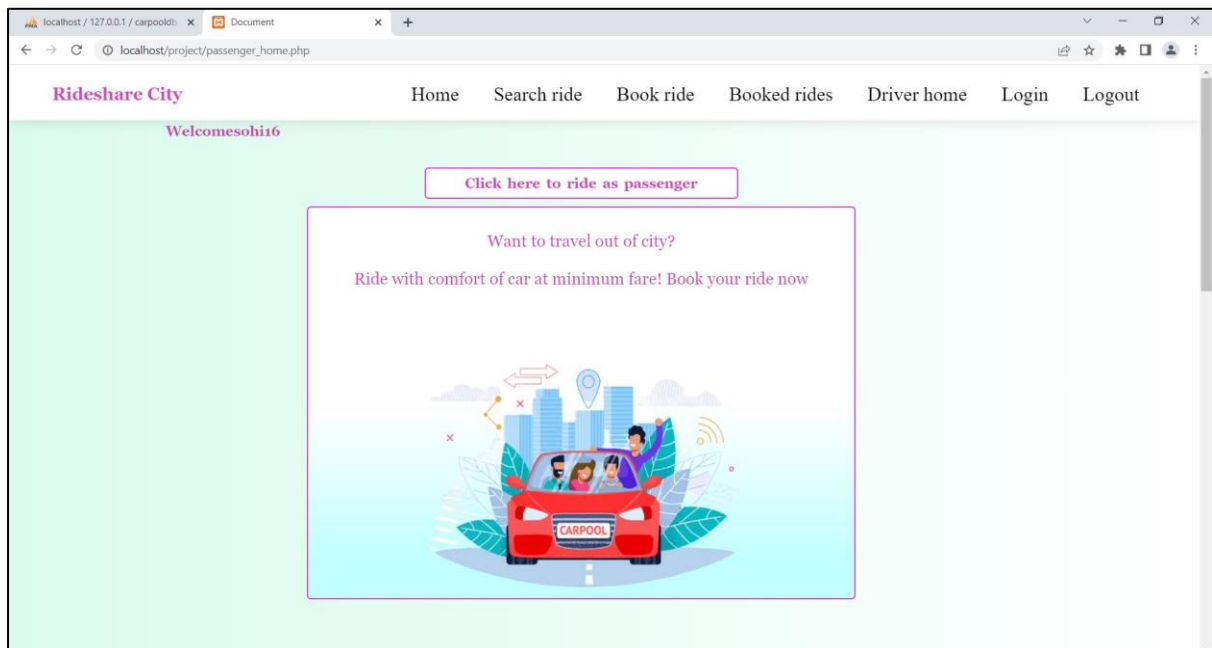
6. Driver page: Landing page for driver.
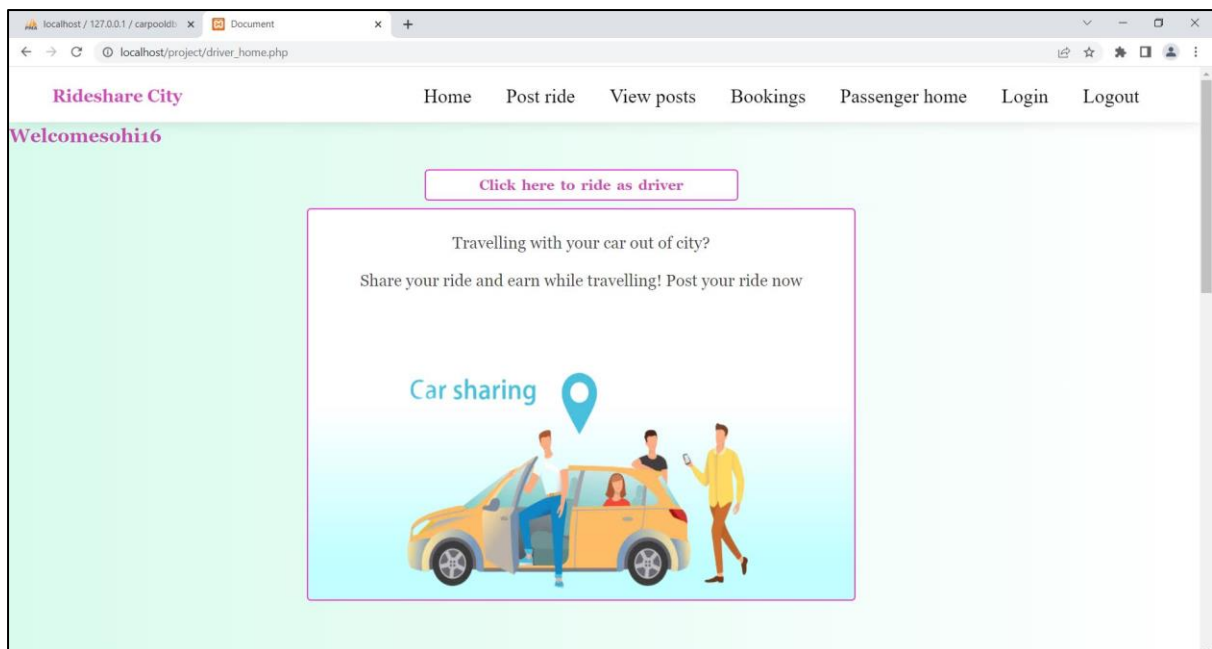
7. Post Ride: User can post ride/ carpool by filling details.

8. After posting ride: The details filled are displayed after posting ride.

Name:	Tejashree
Contact:	9098764562
Gender:	F
Age:	24
Post Date:	2022-11-16
Journey Time:	17:30
Journey Date:	2022-11-21
Seats Available:	2
Source City:	Banglore
Destination city:	Pune
Luggage per person:	2
Fare per person:	500
Car Name:	i20
Car Number:	KA13RT7799
Capacity:	5
Car Type:	SEDAN
Luggage capacity:	6

9. Posted rides: All posted rides by particular user are listed.

Rides Posted by sohi16

Name	Contact	Gender	Age	Post Date:	Journey Date:	Journey Time	Seats Available	Source City	Destination City	Luggage Per person	Fare per person	Car Name	Car Number	Capacity	Car Type	Luggage Capacity	Operation
Tejashree	9098764562	F	24	2022-11-16	2022-11-21	17:30:00	2	Banglore	Pune	2	500	i20	KA13RT7799	5	SEDAN	6	DELETE POST
Prachiti	8975467876	F	27	2022-11-16	2022-11-24	14:20:00	3	Banglore	Pune	1	300	Alto	MH15YU1989	4	SEDAN	5	DELETE POST

10. Available ride: All available carpools

Ride id	Name	Contact	Gender	Age	Journey Date	Time	Seats available	Source City	Destination City	Luggage Per Person	Fare per person	Car name	Car number	Book Ride
	Mahaveer	9422047814	M	54	2022-11-21	15:35:00	3	3	1	2	200	Kia	MH02UO7923	Book Ride
	Ganesh	9098642533	M	54	2022-11-20	15:00:00	0	7	8	2	400	Duster	KA03YH4509	Book Ride
	Sunita	8983454325	F	54	2022-11-19	00:00:00	2	15	1	2	400	HondaCity	MH09HJ9813	Book Ride
	Chinar	9921098887	F	34	2022-11-19	08:30:00	1	5	6	2	500	WagonR	GJ13UY6512	Book Ride
	Gaurav	94839333233	M	33	2022-11-22	14:00:00	3	5	11	2	370	Swift	GJ10HB5996	Book Ride

11. Booked Ride: All rides/ carpools booked by user all displayed.

Rides Booked by sohi16

ID	Driver Name	Gender	Journey Date:	Journey Time	Seats Available	Source City	Destination City	Luggage Per person	Fare per person	Car Name	Car Number
3	Chinar	F	2022-11-19	08:30:00	2	Ahemedabad	Jaipur	2	500	WagonR	GJ13UY6512
4	Sunita	F	2022-11-19	00:00:00	1	Ahemedabad	Jaipur	2	400	HondaCity	MH09HJ9813

DATABSE DESIGN

1. registration details:

2. ride_details:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Ride_ID 🔑	int(11)			No	None		AUTO_INCREMENT	🖉 Change ⊖ Drop ▾ More
2	Name	varchar(30)	utf8mb4_general_ci		No	None			🖉 Change ⊖ Drop ▾ More
3	Contact	bigint(10)			No	None			🖉 Change ⊖ Drop ▾ More
4	Gender	enum('M', 'F', 'O')	utf8mb4_general_ci		No	None			🖉 Change ⊖ Drop ▾ More
5	Member_ID 🔑	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
6	Age	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
7	License	blob			No	None			🖉 Change ⊖ Drop ▾ More
8	Photo	blob			No	None			🖉 Change ⊖ Drop ▾ More
9	Created_on	date			No	None			🖉 Change ⊖ Drop ▾ More
10	Travel_Date	date			No	None			🖉 Change ⊖ Drop ▾ More
11	Travel_Time	time			No	None			🖉 Change ⊖ Drop ▾ More
12	Seats_Available	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
13	Source_City_ID 🔑	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
14	Destination_City_ID 🔑	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
15	LuggagePer	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
16	Fare	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
17	Car_Name	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change ⊖ Drop ▾ More
18	Car_Number	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change ⊖ Drop ▾ More
19	Capacity	int(11)			No	None			🖉 Change ⊖ Drop ▾ More
20	Car_Type	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change ⊖ Drop ▾ More
	ggage	int(11)			No	None			🖉 Change ⊖ Drop ▾ More

+ Options

	Ride_ID	Name	Contact	Gender	Member_ID	Age	License	Photo	Created_on	Travel_Date	Travel_Time	Seats_Available	Source_City_ID	Destination_City_ID	LuggagePer
🖉 Edit 🗐 Copy ⊖ Delete	1	Mahaveer	9422047814	M	2	54	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-21	15:35:00	3	3	1	2
🖉 Edit 🗐 Copy ⊖ Delete	2	Ganesh	9098642533	M	2	54	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-20	15:00:00	0	7	8	2
🖉 Edit 🗐 Copy ⊖ Delete	3	Sunita	8983454325	F	5	54	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-19	00:00:00	2	15	1	2
🖉 Edit 🗐 Copy ⊖ Delete	4	Chinar	9921098887	F	3	34	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-19	08:30:00	1	5	6	2
🖉 Edit 🗐 Copy ⊖ Delete	5	Gaurav	94839333233	M	4	33	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-22	14:00:00	1	5	11	2
🖉 Edit 🗐 Copy ⊖ Delete	6	Tejashree	9098764562	F	1	24	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-21	17:30:00	2	8	2	2
🖉 Edit 🗐 Copy ⊖ Delete	7	Prachiti	8975467876	F	1	27	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-24	14:20:00	3	4	13	1

ender	Member_ID	Age	License	Photo	Created_on	Travel_Date	Travel_Time	Seats_Available	Source_City_ID	Destination_City_ID	LuggagePer	Fare	Car_Name	Car_Number	Capacity	Car_Type	Luggage
	2	54	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-21	15:35:00	3	3	1	2	200	Kia	MH02UO7923	5	SUV	7
	2	54	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-20	15:00:00	0	7	8	2	400	Duster	KA03YH4509	5	SUV	7
	5	54	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-19	00:00:00	2	15	1	2	400	HondaCity	MH09HJ9813	5	sedan	7
	3	34	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-19	08:30:00	1	5	6	2	500	WagonR	GJ13UY6512	5	SEDAN	6
	4	33	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-22	14:00:00	1	5	11	2	370	Swift	GJ10HB5996	5	sedan	7
	1	24	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-21	17:30:00	2	8	2	2	500	i20	KA13RT7799	5	SEDAN	6
	1	27	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-24	14:20:00	3	4	13	1	300	Alto	MH15YU1989	4	SEDAN	5

3. bookedride:

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	Booking_ID	int(11)			No	None		AUTO_INCREMENT	Change	Drop	More
2	Driver_name	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
3	Gender	enum('M', 'F', 'O')	utf8mb4_general_ci		No	None			Change	Drop	More
4	TravelDate	date			No	None			Change	Drop	More
5	TravelTime	time			No	None			Change	Drop	More
6	Seats	int(11)			No	None			Change	Drop	More
7	Source	int(11)			No	None			Change	Drop	More
8	Destination	int(11)			No	None			Change	Drop	More
9	Luggage	int(11)			No	None			Change	Drop	More
10	Fare	int(11)			No	None			Change	Drop	More
11	CarName	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
12	CarNumber	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
13	RideID	int(11)			No	None			Change	Drop	More
14	PassengerID	int(11)			No	None			Change	Drop	More
15	Driver_ID	int(11)			No	None			Change	Drop	More

	Booking_ID	Driver_name	Gender	TravelDate	TravelTime	Seats	Source	Destination	Luggage	Fare	CarName	CarNumber	RideID	PassengerID	Driver_ID
Edit Copy Delete	1	Ganesh	M	2022-11-20	15:00:00	2	7	8	2	400	Duster	KA03YH4509	2	3	2
Edit Copy Delete	3	Chinar	F	2022-11-19	08:30:00	2	5	6	2	500	WagonR	GJ13UY6512	4	1	3
Edit Copy Delete	4	Sunita	F	2022-11-19	00:00:00	1	15	1	2	400	HondaCity	MH09HJ9813	3	1	5
Edit Copy Delete	5	Gaurav	M	2022-11-22	14:00:00	2	5	11	2	370	Swift	GJ10HB5996	5	1	4

4. city_details:

Browse   Structure   SQL   Search   Insert   Export   Import   Privileges   Operations   Tr

Table structure   Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	City_ID	int(11)			No	None		AUTO_INCREMENT	Change	Drop	More
2	City_Name	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More
3	State	varchar(100)	utf8mb4_general_ci		No	None			Change	Drop	More

	City_ID	City_Name	State
Edit Copy Delete	1	Kolhapur	Maharashtra
Edit Copy Delete	2	Pune	Maharashtra
Edit Copy Delete	3	Mumbai	Maharashtra
Edit Copy Delete	4	Nashik	Maharashtra
Edit Copy Delete	5	Ahemedabad	Gujrat
Edit Copy Delete	6	Jaipur	Rajasthan
Edit Copy Delete	7	Belgaum	Karnatak
Edit Copy Delete	8	Banglore	Karnatak
Edit Copy Delete	9	Mysore	Karnatak
Edit Copy Delete	10	Satara	Maharashtra
Edit Copy Delete	11	Rajkot	Gujrat
Edit Copy Delete	12	Jodhpur	Rajasthan
Edit Copy Delete	13	Sangli	Maharashtra
Edit Copy Delete	14	Raigad	Maharashtra
Edit Copy Delete	15	Panjim	Goa
Edit Copy Delete	16	Solapur	Maharashtra

SOURCE CODE

1. Registration code:

```php
<?php
error_reporting(E_ALL ^ E_NOTICE);
require_once('header.php');
require('config.php');
$uname_err="";
$name="";
$contact="";
$gender="";
$address="";
$uname="";
$pass="";

if(isset($_POST['register']))
{
$name=$_POST['txtname'];
$contact=$_POST['txtnum'];
$gender=$_POST['rd1'];
$address=$_POST['txtadd'];
$uname=$_POST['txtuname'];
$pass=$_POST['txtpass'];

if(!preg_match("/^[a-zA-Z]*$/",$name) || $name=='')
{
    echo "<script>alert('Fill name and only alphabets and whitespace allowed
for name')</script>";
}
if(!preg_match("/^[0-9]*$/",$contact) || $contact=='')
{
    echo "<script>alert('Fill contact and only alphabets and whitespace
allowed for name')</script>";
}
if(strlen($contact)<10 && strlen($contact)>10)
{
    echo "<script>alert('Contact number should be 10 digits')</script>";
}
if($gender=='')
{
    echo "<script>alert('Enter gender')</script>";
}
if(!preg_match("/^[a-zA-Z0-9]*$/",$address) || $address=='')
{
```

```php
        echo "<script>alert('Address is required and only alphabets and numbers
allowed')</script>";
    }
    if(!preg_match("/^[a-zA-Z0-9]*$/",$uname) || $uname=='' || strlen($uname)>20)
    {
        echo "<script>alert('Username is required and only alphabets and numbers
allowed')</script>";
    }
    if($pass=='')
    {
        echo "<script>alert('Password is required')</script>";
    }
    $select="SELECT Username from registration where Username='$uname'";
    $res=mysqli_query($conn,$select);
    $count=mysqli_num_rows($res);
    if($count>0)
    {
        $uname_err="User already exist";
    }

    else
    {

        $sql="INSERT INTO `registration`(`Reg_ID`, `Name`, `Contact`, `Gender`,
`Address`, `Username`, `Pass`) VALUES
('null','$name','$contact','$gender','$address','$uname','$pass')";
        $resInsert=mysqli_query($conn,$sql);
        if($resInsert){
            header('location: login.php');
        }
        else {
            mysqli_error($conn);
        }
    }
    }
    mysqli_close($conn);
    ?>
    <html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link rel='stylesheet' type='text/css' media='screen' href='css/main.css'>
        <link rel='stylesheet' type='text/css' media='screen'
href='css/register.css'>
        <title>Register </title>
        <script type="text/javascript" >
            function clearInputFields()
```

```
			{
				document.getElementById("txt1").value="";
				document.getElementById("txt2").value="";
				document.getElementById("rbtn").value="";
				document.getElementById("rbtn1").value="";
				document.getElementById("rbtn2").value="";
				document.getElementById("txt3").value="";
				document.getElementById("txt4").value="";
				document.getElementById("txt5").value="";
			}
		</script>
	</head>
	<body>
	<div class="back-img">
			<div class="content">
				<form action="register.php" method="post" class="form1" >
					<h2>Register new account</h2><br><br>

					<h4>Enter name: </h4>
					<input class="inputbox" type="text" id="txt1"
name="txtname"><br><br>
					<h4>Enter contact number: </h4>
					<input class="inputbox" type="text" id="txt2"
name="txtnum"><br><br>
					<h4>Enter gender:</h4>
						<h4><input type="radio" name="rd1" class="radio"
value="M"> Male
						   <input type="radio" name="rd1" class="radio"
value="F"> Female
						  <input type="radio" name="rd1" class="radio"
value="O"> Other</h4><br>
					<h4>Enter address: </h4>
					<input class="inputbox" type="text" id="txt3"
name="txtadd"><br><br>
					<h4>Enter username: </h4>
					<div <?php if(isset($uname_err)):?> class="errmsg" <?php endif
?> ><?php if(isset($uname_err)) { echo $uname_err;} ?></div>
					<input class="inputbox" type="text" id="txt4" name="txtuname"
><br><br>
					<h4>Enter password: </h4>
					<input class="inputbox" type="password" id="txt5"
name="txtpass"><br><br><br>
					<input type="submit" id="sub1" name="register" class="submit"
value="register"> 
					<input type="reset" id="res1" name="reset" class="reset"
><br><br>
					<h4>&nbsp  &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp
Already registered? <a class="loginlink" href="login.php">Login here</a></h4>
```

```
            </form>
        </div>
        <br><br>
    </div>
    </body>
    </html>
```

2. Login:

```php
<?php
require_once('header.php');
    error_reporting(E_ALL ^ E_NOTICE);
    require_once('config.php');
    $uname=$pwd="";
    $uname1=$_POST['txtuname'];
    $pwd=$_POST['txtpass'];
    $role=$_POST['role'];
    $sql1="SELECT * FROM registration where Username='$uname1' AND Pass='$pwd'
";
    $result1=mysqli_query($conn,$sql1);
    if(mysqli_num_rows($result1) > 0)
    {
        while($row=mysqli_fetch_assoc($result1))
        {
            $id=$row["Reg_ID"];
            $uname=$row["Username"];
            session_start();
            $_SESSION['id']=$id;
            $_SESSION['uname']=$uname1;
        }
        header("Location: welcome.php");
    }
    else {
    echo "invalid username or password";
    }
?>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel='stylesheet' type='text/css' media='screen' href='css/main.css'>
    <link rel='stylesheet' type='text/css' media='screen'
href='css/login.css'>
    <title>Login</title>
</head>
```

```html
<body>
<div class="back-img">
        <div class="content">
        <form class="form1" method="post" action="login.php"><br>
        <h2>Login to account</h2><br><br><br><!-- <div <?php
if(mysqli_num_rows($result)==0): ?> class="errdetails" <?php endif ?> >
        <?php if(mysqli_num_rows($result)==0) { echo $errdetails;} ?></div> --
>
            <h4>Enter username: </h4><input class="inputbox" type="text"
id="txt4" name="txtuname"><br><br><br>
            <h4>Enter password: </h4><input class="inputbox" type="password"
id="txt5" name="txtpass"><br><br><br>
            <!-- <h4>Select Role: </h4><select name="role" id="role"
class="role">
                <option value="Driver">Driver</option>
                <option value="User">User</option>
                <option value="Admin">Admin</option>
            </select><br><br><br><br> -->
            <input type="submit" id="sub1" class="login" value="login"> 
            <br><br><br><br>
            <h4>&nbsp  &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp &nbsp
Not registered? <a class="reglink" href="register.php">Register Now</a></h4>

        </form>

        </div>

</div>
</body>

</html>
```

3. Post ride:

```php
<?php
require_once('header_driver.php');

// session_start();
if(isset($_SESSION['uname']))
{
    $welcome="Welcome".$_SESSION['uname']."<br/>";
    require_once('config.php');
}
else{
    header("Location: login.php");
}
$sql2="SELECT * FROM `city_details` ";
$all_city=mysqli_query($conn,$sql2);
```

```php
$sqldes="SELECT * FROM `city_details` ";
$all_city_des=mysqli_query($conn,$sqldes);
$nmerr=$conerr=$conerr2=$generr=$ageerr=$uname_errmatch="";

$chkUname="SELECT Reg_ID FROM registration WHERE
Username='".$_SESSION['uname']."' ";
$chkres=mysqli_query($conn,$chkUname);
$chkRegid=mysqli_fetch_array($chkres);

$sqlSelect="SELECT `Reg_ID` FROM `registration` WHERE
`Username`='".$_SESSION['uname']."' ";
$regid =mysqli_query($conn,$sqlSelect);
$reg=mysqli_fetch_array($regid);

$datetoday=date('Y-m-d');

if(isset($_POST['submitpost']))
{
    $filename= isset($_FILES["txtlicense"]["name"]);
    $filetmpname= isset($_FILES["txtlicense"]["tmp_name"]);
    $folder="images/".$filename;
    move_uploaded_file($filetmpname,$folder);
    $filename2=isset($_FILES["txtphoto"]["name"]);
    $filetmpname2=isset($_FILES["txtphoto"]["tmp_name"]);
    $folder2="images/".$filename2;
    move_uploaded_file($filetmpname2,$folder2);

    $flag=1;
     if(empty($_POST['txtname']))
    {
        $flag=0;
        $nmerr="Fill name and only alphabets and whitespace allowed for name";
    }
    if(empty($_POST['txtnum']))
    {$flag=0;
        $conerr="Fill contact and only numbers allowed";
    }
    if(strlen($_POST['txtnum'])<10 && strlen($_POST['txtnum'])>10)
    {$flag=0;
        $conerr2="Contact number should be 10 digits";
    }
    if(empty($_POST['rd1']))
    {$flag=0;
        $generr="Enter gender";
    }
    if(empty($_POST['txtage']))
    {$flag=0;
```

```php
        $ageerr="Enter age greater than 18";
    }

    if($flag==1)
    {
    $mname=$_POST['txtname'];
    $mcontact=$_POST['txtnum'];
    $mgender=$_POST['rd1'];
    $muname=$_POST['txtuname'];
    $mage=$_POST['txtage'];

    $cdate=$_POST['txtdate'];
    $jtime=$_POST['txttime'];
    $ttime=$_POST['txtjtime'];
    $seat=$_POST['txtseat'];
    $scity=$_POST['txtscity'];
    $dcity=$_POST['txtdcity'];
    $luggage=$_POST['txtluggage'];
    $fare=$_POST['txtfare'];

    $cname=$_POST['txtcname'];
    $cnnum=$_POST['txtcnum'];
    $capacity=$_POST['txtcapacity'];
    $ctype=$_POST['txttype'];
    $lugcap=$_POST['txtlugcap'];

    $sqlRide="INSERT INTO `ride_details`
(`Name`,`Contact`,`Gender`,`Member_ID`,`Age`,`License`,`Photo`,`Created_on`,
    `Travel_Date`,`Travel_Time`,`Seats_Available`,`Source_City_ID`,`Destinatio
n_City_ID`,`LuggagePer`,`Fare`,`Car_Name`,`Car_Number`,`Capacity`,
    `Car_Type`,`Luggage`)
    VALUES('$mname','$mcontact','$mgender','$muname','$mage','$filename','$fil
ename2','$cdate','$jtime','$ttime',
    '$seat','$scity','$dcity','$luggage','$fare','$cname','$cnnum','$capacity'
,'$ctype','$lugcap')";
    $resRide=mysqli_query($conn,$sqlRide);
    }
    if($resRide)
    {
        echo '<h2><script>alert("RIDE POSTED")</script></h2>';

    }
    else
    {
        echo '<script>alert("not inserted")</script>';
    }

}
```

```html
?>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel='stylesheet' type='text/css' media='screen' href='css/main.css'>
    <link rel='stylesheet' type='text/css' media='screen'
href='css/postride.css'>

    <title>Carpool</title>
</head>

<body>
    <div class="back-img">
        <?php echo $welcome; ?>
        <div class="content">
            <div class="title">
                <h3>Fill Details To Post Your Ride</h3>
            </div>
            <form action="" method="post"  enctype="multipart/form-data"
class="formgrp"><br>
                <div class="part part-1 active" id="form1"><br>
                    <h2>Personal Details</h2><br>
                     <h4>Member ID: </h4>
                     <input class="inputbox" type="text" id="txt4"
name="txtuname" value="<?php
                     echo $chkRegid['Reg_ID'];?>"><br><br>
                     <h4>Enter driver name: </h4><?php echo $nmerr;
?><input class="inputbox" type="text" id="txt1"
                        name="txtname"><br><br>
                     <h4>Enter contact number: </h4><?php echo $conerr;
echo $conerr2;?><input class="inputbox"
                        type="text" id="txt2" name="txtnum"><br><br>
                     <h4>Enter gender:</h4><?php echo $generr; ?>
                     <h4><input type="radio" name="rd1" class="radio"
value="M"> Male
                            <input type="radio" name="rd1"
class="radio" value="F"> Female
                           <input type="radio" name="rd1"
class="radio" value="O"> Other</h4><br>

                     <h4>Enter age: </h4><?php echo $ageerr; ?><input
class="inputbox" type="text" id="txt5"
                        name="txtage"><br><br>
```

```html
                                        <h4>Upload license: </h4><input class="inputbox"
type="file" id="txt5"
                                                name="txtlicense"><br><br>
                                        <h4>Upload photo: </h4><input class="inputbox"
type="file" id="txt5" name="txtphoto"><br>

                        </div>
                        <div class="part part-2 active" id="form2"><br>
                            <h2>Travel Details</h2><br>
                                        <h4>Ride posted on: </h4><input class="inputbox"
type="text" id="txtdate"
                                                name="txtdate" value="<?php echo $datetoday;
?>"><br><br>
                                        <h4>Enter Journey Date & Time: </h4><input
class="inputboxdt" type="date" id="txttime"
                                                name="txttime" min=""><input
class="inputboxdttime" type="time" id="txtjtime"
                                                name="txtjtime"><br><br>
                                        <h4>Seats Available:</h4><input class="inputbox"
type="text" id="txt3" name="txtseat"><br><br>
                                        <h4>Source City: </h4>
                                        <select name="txtscity" id="role" class="city">
                                            <?php
                                            while($city=mysqli_fetch_array($all_city,MYSQLI_AS
SOC))::;

                                            ?>
                                            <option value="<?php echo $city["City_ID"];
                                                    ?>"><?php echo $city["City_Name"];
?></option>

                                            <?php
                                        endwhile;?>

                                    </select><br><br>
                                    <h4 class="dest">Destination City: </h4>
                                    <select name="txtdcity" id="city2" class="city2">
                                        <?php
                                        while($cityd=mysqli_fetch_array($all_city_des,MYSQ
LI_ASSOC))::;

                                        ?>
                                        <option value="<?php echo $cityd["City_ID"];
                                                ?>"><?php echo $cityd["City_Name"];
?></option>

                                        <?php
                                    endwhile;?>

                                    </select><br><br>
```

```html
                                <h4>Luggage Per Person: </h4><input class="inputbox"
type="text" id="txt5"
                                        name="txtluggage"><br><br>
                                <h4>Fare Per Person: </h4><input class="inputbox"
type="text" id="txt5" name="txtfare"><br>


                        </div>
                <div class="part part-3 active" id="form3"><br>
                                <h2>Car Details</h2><br>

                                <h4>Car name: </h4><input class="inputbox" type="text"
id="txt1" name="txtcname"><br><br>
                                <h4>Car number: </h4><input class="inputbox"
type="text" id="txt2" name="txtcnum"><br><br>
                                <h4>Capacity:</h4>
                                <input class="inputbox" type="text" id="txt2"
name="txtcapacity"><br><br>
                                <h4>Car Type: </h4>
                                <input class="inputbox" type="text" id="txt4"
name="txttype"><br><br>
                                <h4>Luggage capacity: </h4><input class="inputbox"
type="text" id="txt5"
                                        name="txtlugcap"><br><br>


                        </div>
                        <div class="btn-box">
                                <button id="next1" class="next-btn"
name="submitpost"><a href="" class="sub"> Submit </a></button>
                                <!-- <button id="next1" class="next-btn"
name="viewpost"><a href="" class="sub"> View post </a></button> -->
                        </div>
                </form>
        </div>
        <script type="text/javascript">
    var datetoday=new Date();
    var tdate=datetoday.getDate()+1;
    var tmonth=datetoday.getMonth()+1;
    if(tmonth<10)
    {
        tmonth="0"+tmonth;

    }
    if(tdate <10)
    {
        tdate="0"+tdate;
    }
    var tyear=datetoday.getUTCFullYear();
    var minDate= tyear + "-" + tmonth+ "-" +tdate;
```

```
        document.getElementById("txttime").setAttribute('min',minDate);

    var mdate=datetoday.getDate()+8;
    var m_month=datetoday.getMonth()+1;
    if(mdate<10)
    {
        mdate="0"+mdate;
    }
    if(m_month<10)
    {
        m_month="0"+m_month;
    }
    var myear=datetoday.getUTCFullYear();
    var maxDate= myear + "-" + m_month +"-" + mdate;
    document.getElementById("txttime").setAttribute('max',maxDate);
</script>
        <div class="content2" id="content2">

        <?php if(isset($_POST['submitpost'])){
            $sqlSel="SELECT City_Name FROM city_details where City_ID=$scity
";
            $scityQuery=mysqli_query($conn,$sqlSel);
            $scitynm=mysqli_fetch_array($scityQuery);

            $sqlSelDes="SELECT City_Name FROM city_details where
City_ID=$dcity ";
            $dcityQuery=mysqli_query($conn,$sqlSelDes);
            $dcitynm=mysqli_fetch_array($dcityQuery);


            echo '<table class="table">
        <tr>
            <td>
                <h4>Name: </h4>
            </td>
            <td class="td">
                <h4>'.$mname.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Contact: </h4>
            </td>
            <td class="td">
                <h4>'.$mcontact.' </h4>
            </td>
        </tr>
        <tr>
```

```html
            <td>
            <h4>Gender: </h4>
            </td>
            <td class="td">
                <h4>'.$mgender.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Age: </h4>
            </td>
            <td class="td">
                <h4>'.$mage.' </h4>
            </td>
        </tr>

        <tr>
            <td>
            <h4>Post Date: </h4>
            </td>
            <td class="td">
                <h4>'.$cdate.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Journey Time: </h4>
            </td>
            <td class="td">
                <h4>'.$ttime.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Journey Date: </h4>
            </td>
            <td class="td">
                <h4>'.$jtime.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Seats Available: </h4>
            </td>
            <td class="td">
                <h4>'.$seat.' </h4>
            </td>
        </tr>
```

```
<tr>
    <td>
    <h4>Source City: </h4>
    </td>
    <td class="td">
        <h4>'.$scitynm["City_Name"].' </h4>
    </td>
</tr>
<tr>
    <td>
    <h4>Destination city: </h4>
    </td>
    <td class="td">
        <h4>'.$dcitynm["City_Name"].' </h4>
    </td>
</tr>
<tr>
    <td>
    <h4>Luggage per person: </h4>
    </td>
    <td class="td">
        <h4>'.$luggage.' </h4>
    </td>
</tr>
<tr>
    <td>
    <h4>Fare per person: </h4>
    </td>
    <td class="td">
        <h4>'.$fare.' </h4>
    </td>
</tr>
<tr>
    <td>
    <h4>Car Name: </h4>
    </td>
    <td class="td">
        <h4>'.$cname.' </h4>
    </td>
</tr>
<tr>
    <td>
    <h4>Car Number: </h4>
    </td>
    <td class="td">
        <h4>'.$cnnum.' </h4>
    </td>
</tr>
```

```
        <tr>
            <td>
            <h4>Capacity: </h4>
            </td>
            <td class="td">
                <h4>'.$capacity.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Car Type: </h4>
            </td>
            <td class="td">
                <h4>'.$ctype.' </h4>
            </td>
        </tr>
        <tr>
            <td>
            <h4>Luggage capacity: </h4>
            </td>
            <td class="td">
                <h4>'.$lugcap.' </h4>
            </td>
        </tr>

    </table>'; } ?>
            </div>
        </div>
</body>

</html>
```

4. Book Ride:

```php
<?php
require_once('header_pass.php');
require_once('config.php');
//session_start();
if(isset($_SESSION['uname']))
{
    $welcome="Welcome".$_SESSION['uname']."<br/>";

}
else{
    header("Location: login.php");
}

?>
```

```html
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel='stylesheet' type='text/css' media='screen'
href='css/header_pass.css'>
    <link rel='stylesheet' type='text/css' media='screen' href='css/book.css'>

    <title>Carpool</title>
</head>

<body>
    <div class="back-img">
            <?php $selectAll="SELECT * from ride_details where Member_ID !=
'".$_SESSION['id']."' ";
                $selectAllQuery=mysqli_query($conn,$selectAll);
                $numAll=mysqli_num_rows($selectAllQuery);



                $selectFromCity="SELECT * FROM city_details where ";
            echo '<div id="tbl1" class="bookcontent">
            <h2>available rides</h2>';
            if($numAll != 0)
            { echo
                '<table class="tabledata" border="1px" cellspacing="3">
                    <tr class="trdata">
                    <th>Ride id</th>
                    <th>Name</th>
                    <th>Contact</th>
                    <th>Gender</th>
                    <th>Age</th>
                    <th>Journey Date</th>
                    <th>Time</th>
                    <th>Seats available</th>
                    <th>Source City</th>
                    <th>Destination City</th>
                    <th>Luggage Per Person</th>
                    <th>Fare per person</th>
                    <th>Car name</th>
                    <th>Car number</th>
                    <th>Book Ride</th>

                    </tr>';
                    while($resAll=mysqli_fetch_assoc($selectAllQuery) )
                    {
```

```php
                echo
                    '<tr class="trdata">
                        <td class="tddata">'.$resAll['Ride_ID'].'</td>
                        <td class="tddata">'.$resAll['Name'].'</td>
                        <td class="tddata">'.$resAll['Contact'].'</td>
                        <td class="tddata">'.$resAll['Gender'].'</td>
                        <td class="tddata">'.$resAll['Age'].'</td>
                        <td class="tddata">'.$resAll['Travel_Date'].'</td>
                        <td class="tddata">'.$resAll['Travel_Time'].'</td>
                        <td class="tddata">'.$resAll['Seats_Available'].'</td>
                        <td class="tddata">'.$resAll['Source_City_ID'].'</td>
                        <td
class="tddata">'.$resAll['Destination_City_ID'].'</td>
                        <td class="tddata">'.$resAll['LuggagePer'].'</td>
                        <td class="tddata">'.$resAll['Fare'].'</td>
                        <td class="tddata">'.$resAll['Car_Name'].'</td>
                        <td class="tddata">'.$resAll['Car_Number'].'</td>
                        <td class="tddata"><button id="book" class="book-btn"
name="bookpost"> <a href="seat.php?rid='.$resAll['Ride_ID'].' ">
                        Book Ride</button></a></td>

                    </tr>';
                }
            }
                echo '</table>
            </div>'; ?>
    </div>
</body>

</html>
```

FUTURE ENHANCEMENTS

- Add google maps API for searching location.
- Able to make payments through website
- Give option to update the posted rides.
- Allow passengers to search rides based on source, destination, date of journey,etc.

LIMITATIONS

- User need to select locations provided which are limited cities
- This website is only providing carpool for travelling from one city to another and not providing intercity carpool.

CONCLUSION

- Considering the implementation of above project we can conclude that users can share their journey and contribute for reducing pollution.
- The ride drivers are able to earn buy sharing car.
- The passengers are able to ride with comfort of car to their desired location.
- We can conclude that this website is helpful for people travelling frequently out of city.

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