



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 OF BUSINESS EDUCATION & RESEARCH,
KOLHAPUR**

2021-2022



CHH. SHAHU INSTITUTE OF BUSINESS

EDUCATION

& RESEARCH,

KOLHAPUR

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

Project Guide

Dr.P.G.Naik

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

Sr.no	Index	Page no
1	1.1 Introduction 1.2 Existing System 1.3 Functionalities	6-9
2	System Requirements Hardware Requirements Software Requirements	10
	System Design Entity Relationship Diagram Use Case Diagram	11-12
	Input Output Screen and Report Database Design Source Code	13-38
	Future Enhancement	39
	Limitations	40
3	Conclusion	41
4	Bibliography	42

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 willing 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 their 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 uses more resources compared 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 be 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.

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 function 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 be visible to the passenger

iii) Car owner will be 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) Member will get find and book ride option after clicking on these option he 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 for selected location.

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

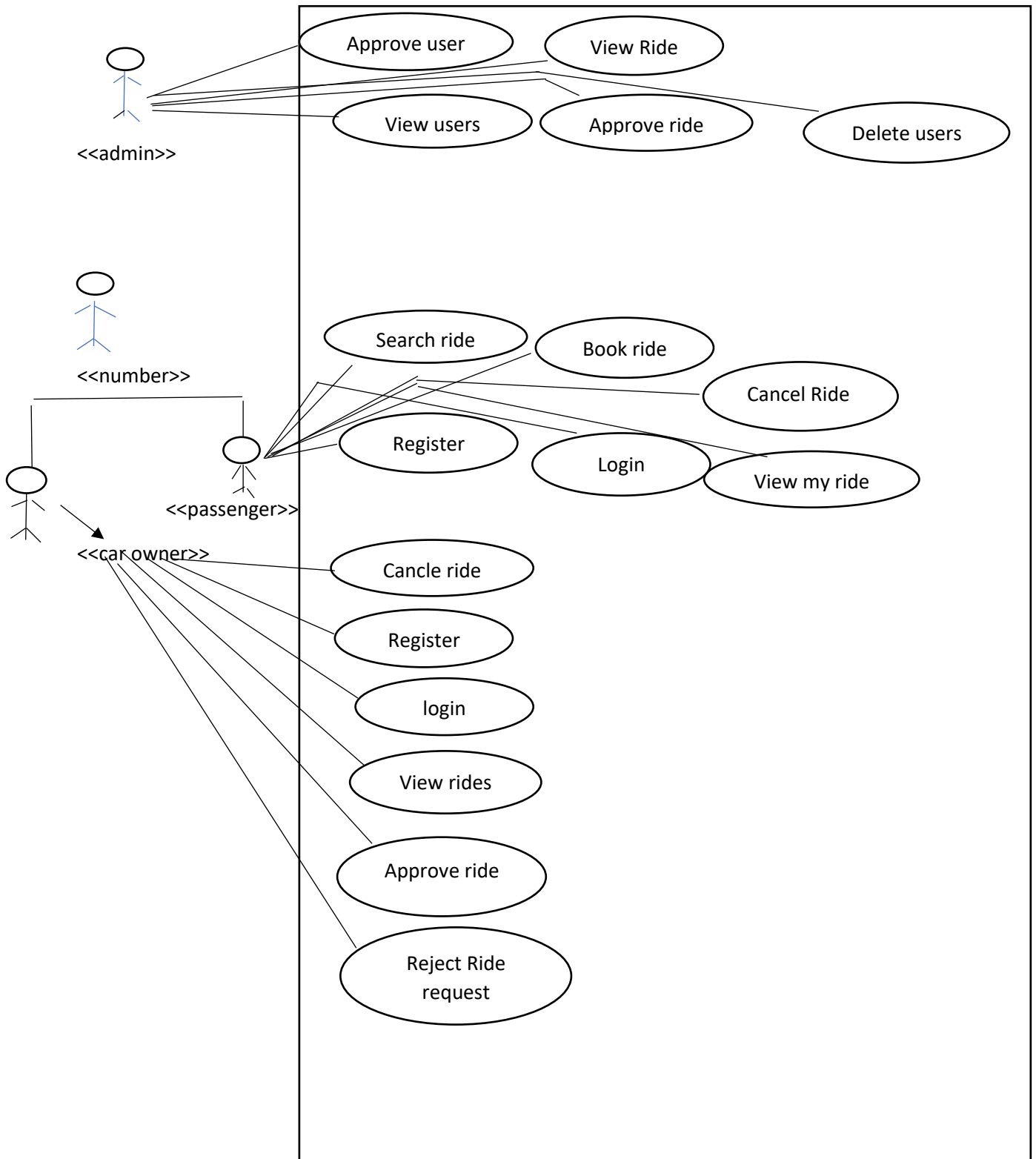
1)Hardware requirement:-

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

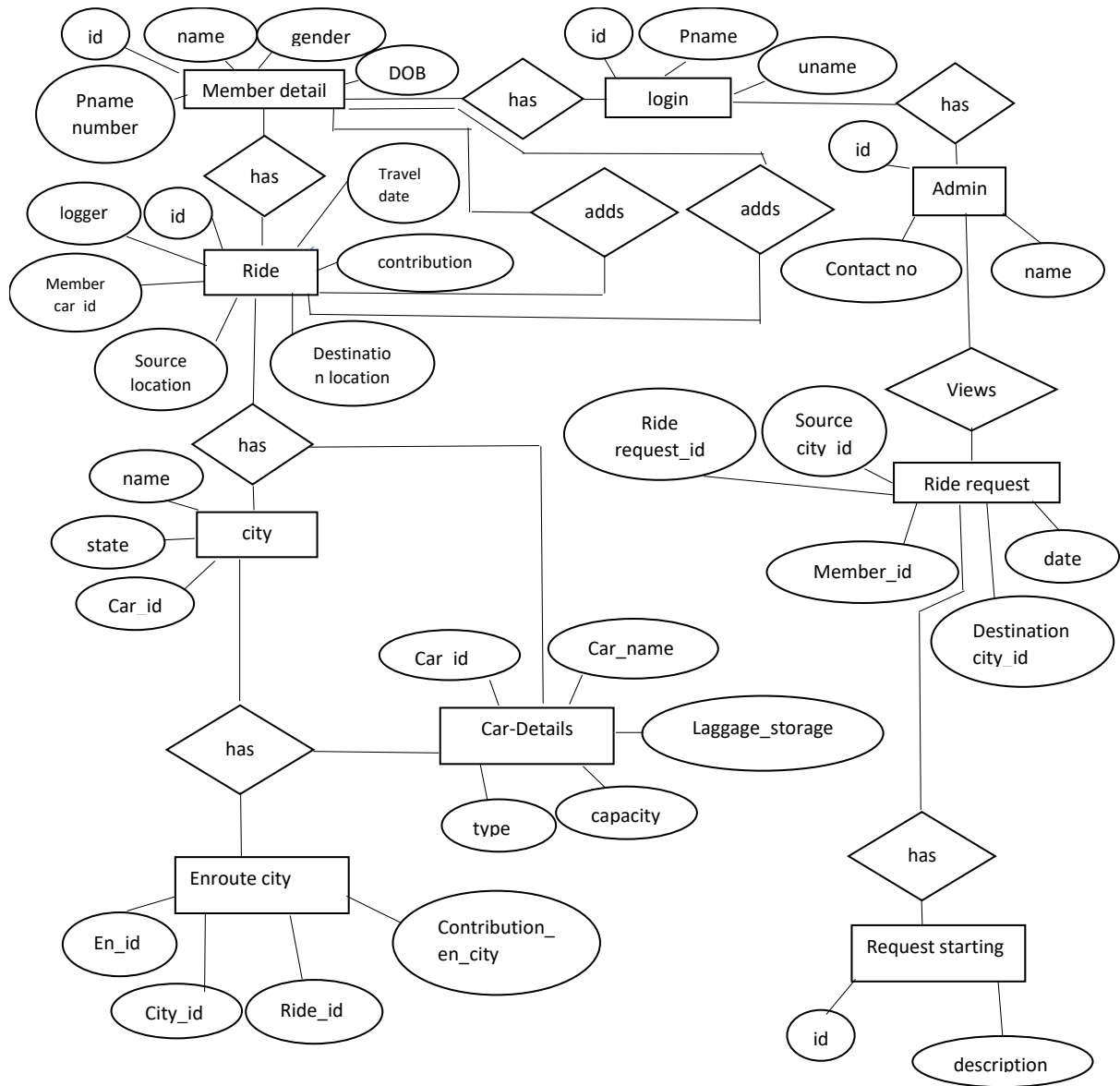
2) Software requirement:-

- 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

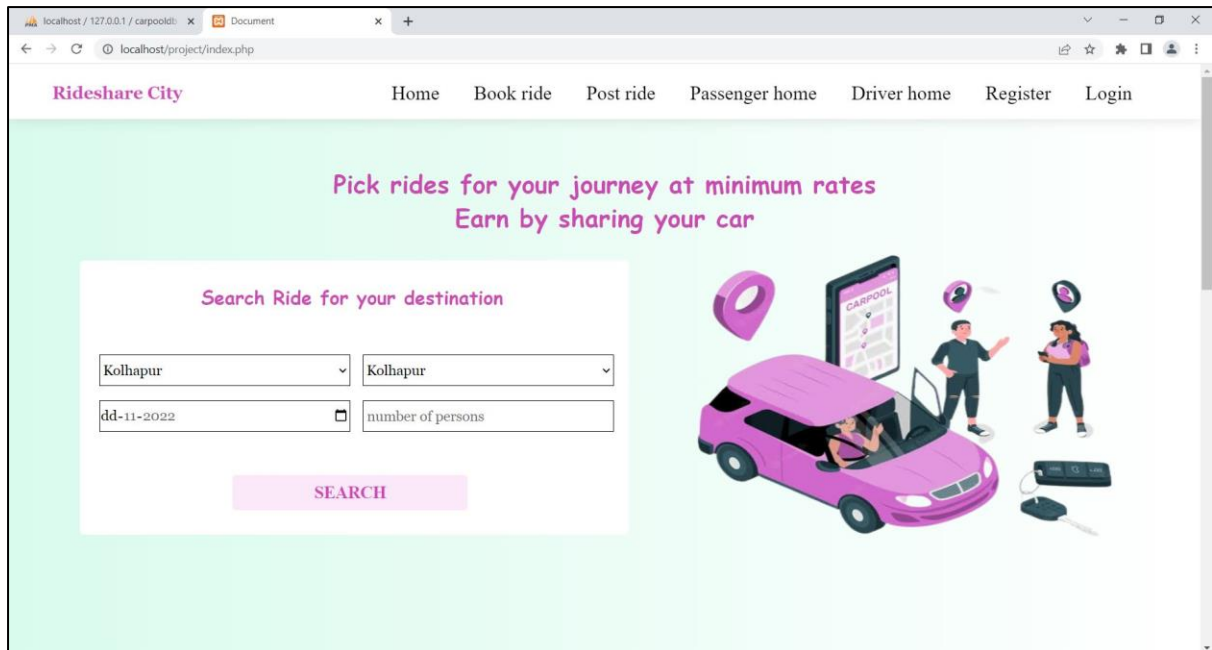


ER DIAGRAM



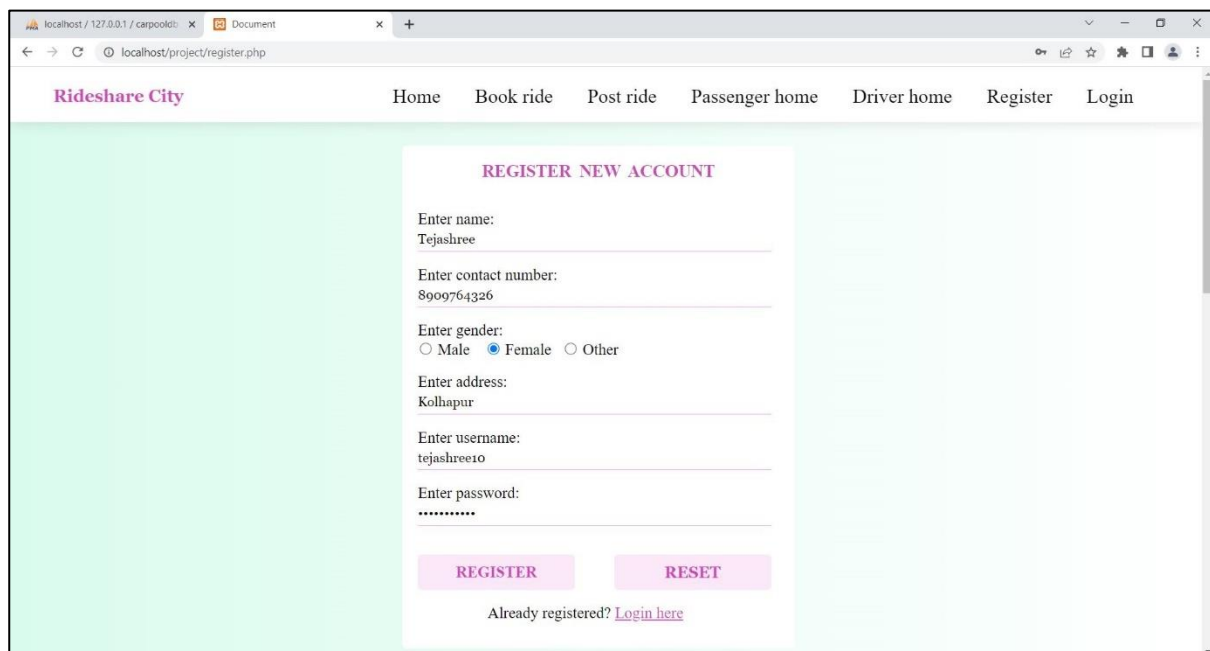
INPUT OUTPUT SCREEN DESIGN

1. Index page/Home page:



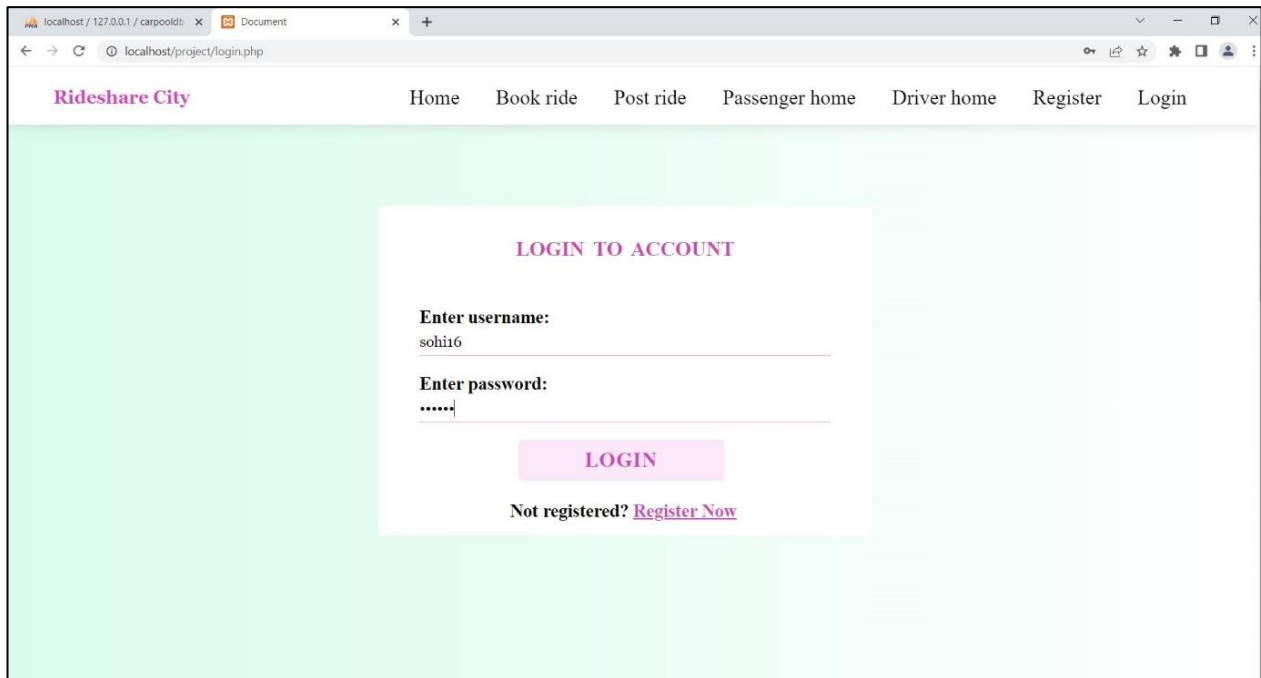
The screenshot shows the Home page of the Rideshare City website. The header includes the site name 'Rideshare City' and navigation links: Home, Book ride, Post ride, Passenger home, Driver home, Register, and Login. The main content area features a light green background with the text 'Pick rides for your journey at minimum rates' and 'Earn by sharing your car'. Below this is a search form titled 'Search Ride for your destination' with input fields for 'From' (Kolhapur), 'To' (Kolhapur), 'Date' (dd-11-2022), and 'number of persons', followed by a 'SEARCH' button. To the right of the form is an illustration of a pink car with a driver, a passenger, and a carpooling app interface on a screen.

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



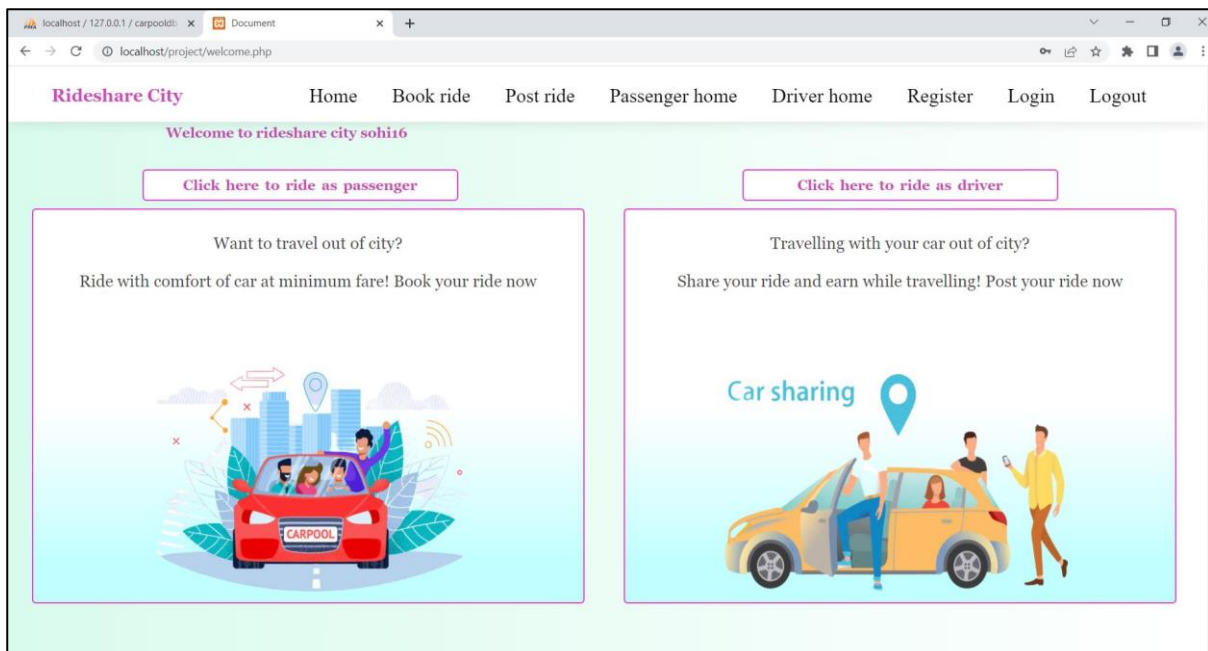
The screenshot shows the Registration page of the Rideshare City website. The header is identical to the Home page. The main content area features a light green background with a central white box titled 'REGISTER NEW ACCOUNT'. The form includes the following fields: 'Enter name:' (Tejashree), 'Enter contact number:' (8909764326), 'Enter gender:' (radio buttons for Male, Female, and Other, with Female selected), 'Enter address:' (Kolhapur), 'Enter username:' (tejashree10), and 'Enter password:' (masked with dots). Below the form are 'REGISTER' and 'RESET' buttons. At the bottom, it says 'Already registered? [Login here](#)'.

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.



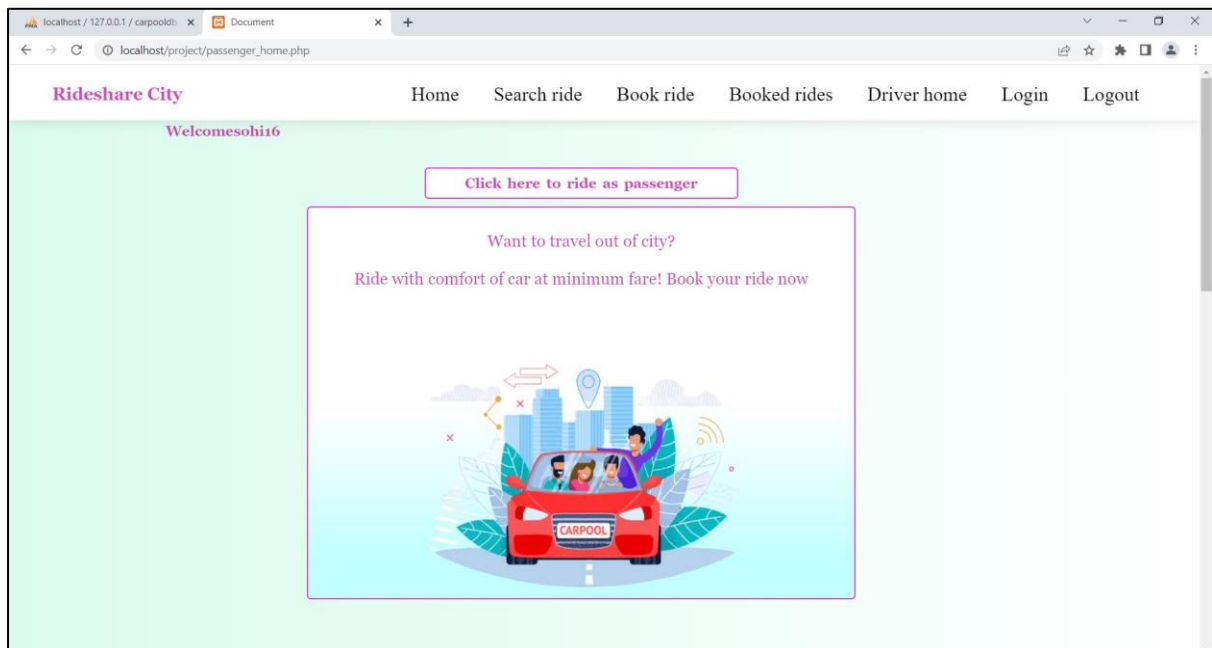
The screenshot shows a web browser window with the URL `localhost/project/login.php`. The page has a header with the logo "Rideshare City" and navigation links: Home, Book ride, Post ride, Passenger home, Driver home, Register, and Login. The main content area features a white box titled "LOGIN TO ACCOUNT". Inside this box, there are two input fields: "Enter username:" with the text "sohi16" and "Enter password:" with masked characters "*****". Below these fields is a pink "LOGIN" button. At the bottom of the box, it says "Not registered? [Register Now](#)".

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

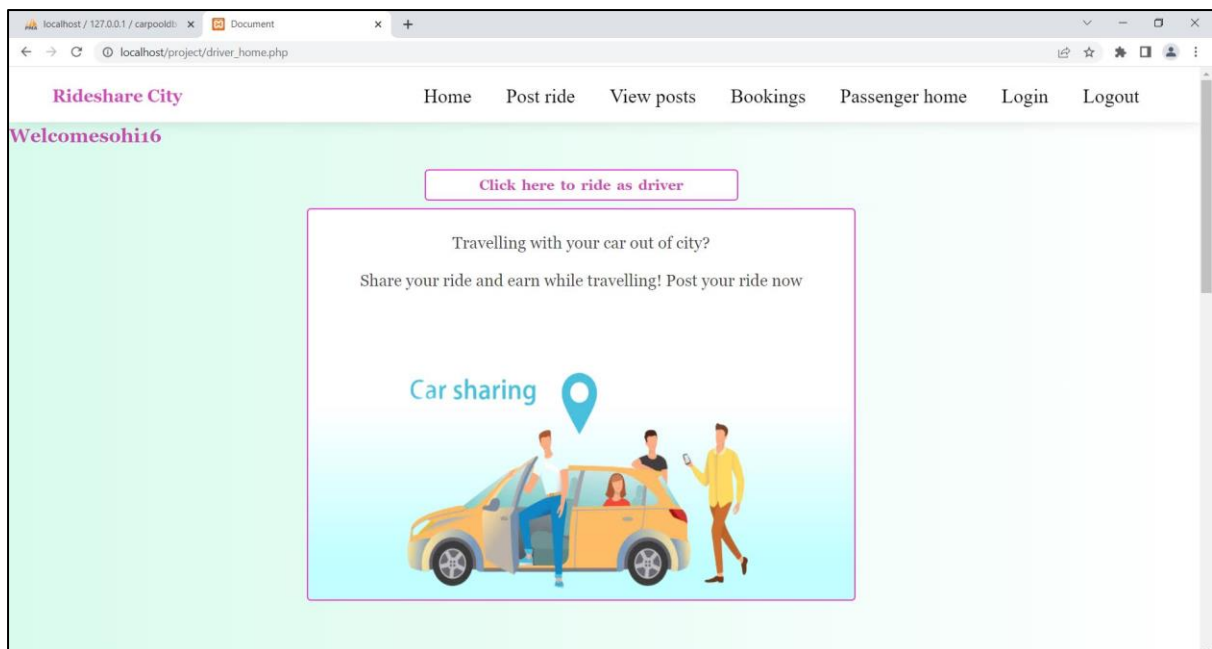


The screenshot shows a web browser window with the URL `localhost/project/welcome.php`. The page has a header with the logo "Rideshare City" and navigation links: Home, Book ride, Post ride, Passenger home, Driver home, Register, Login, and Logout. Below the header, it says "Welcome to rideshare city sohi16". There are two main buttons: "Click here to ride as passenger" and "Click here to ride as driver". Below the passenger button is a box with the text "Want to travel out of city? Ride with comfort of car at minimum fare! Book your ride now" and an illustration of a red car with "CARPOOL" on the license plate. Below the driver button is a box with the text "Travelling with your car out of city? Share your ride and earn while travelling! Post your ride now" and an illustration of a yellow car with "Car sharing" text and a location pin icon.

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.

Rideshare City Home Post ride View posts Bookings Passenger home Login Logout

Fill Details To Post Your Ride

PERSONAL DETAILS	TRAVEL DETAILS	CAR DETAILS
Member ID: 1	Ride posted on: 2022-11-16	Car name: i20
Enter driver name: Tejashree	Enter Journey Date & Time: 21-11-2022 17:30	Car number: KA13RT7799
Enter contact number: 9098764562	Seats Available: 2	Capacity: 5
Enter gender: <input type="radio"/> Male <input checked="" type="radio"/> Female <input type="radio"/> Other	Source City: Bangalore	Car Type: SEDAN
Enter age: 25	Destination City: Pune	Luggage capacity: 6
Upload license: Choose File images (15).jpeg	Luggage Per Person: 2	
Upload photo: Choose File images (14).jpeg	Fare Per Person: 500	
SUBMIT		



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

Rideshare City Home Post ride View posts Bookings Passenger home Login Logout

SUBMIT

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:	Bangalore
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.

Rideshare City Home Post ride View posts Bookings Passenger home Login Logout

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	Bangalore	Pune	2	500	i20	KA13RT7799	5	SEDAN	6	DELETE POST
Prachiti	8975467876	F	27	2022-11-16	2022-11-24	14:20:00	3	Bangalore	Pune	1	300	Alto	MH15YU1989	4	SEDAN	5	DELETE POST

10.Available ride: All available carpools

localhost / 127.0.0.1 / carpoolid: x Document x +

localhost/project/book.php

Rideshare City Home Search ride Book ride Booked rides Driver home Login Logout

AVAILABLE RIDES

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

localhost / 127.0.0.1 / carpoolid: x localhost/project/seat.php?rid=5 x +

localhost/project/seat.php?rid=5

localhost says
Please enter your Required Seat

OK Cancel

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

localhost / 127.0.0.1 / carpoolid: x Document x +

localhost/project/booked_rides.php

Rideshare City Home Search ride Book ride Booked rides Driver home Login Logout

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

DATABASE DESIGN

1. registration details:

Server: 127.0.0.1 » Database: carpooledb » Table: registration

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Track](#)

[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 Reg_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 Name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 Contact	bigint(10)			No	None			Change Drop More
<input type="checkbox"/>	4 Gender	enum('M', 'F', 'O')	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 Address	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 Username	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	7 Pass	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More

← T →

				Reg_ID	Name	Contact	Gender	Address	Username	Pass
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	Sohi Vankudre	9873746536	F	Kolhapur	sohi16	sohi16
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	Mahaveer	8830987623	M	mumbai	mahaveer24	mahaveer24
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	Chinar	9292007824	F	Sangli	chinar8	chinar8
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	Gaurav	8767254265	M	Pune	gaurav10	gaurav10
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	Sunita	9876112354	F	Kolhapur	sunita06	sunita06
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	Tejashree	8909764326	F	Kolhapur	tejashree10	tejashree10

2. ride_details:

Server: 127.0.0.1 » Database: carpooldb » Table: ride_details										
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Trig										
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action	
<input type="checkbox"/>	1 Ride_ID	int(11)			No	None		AUTO_INCREMENT		
<input type="checkbox"/>	2 Name	varchar(30)	utf8mb4_general_ci		No	None				
<input type="checkbox"/>	3 Contact	bigint(10)			No	None				
<input type="checkbox"/>	4 Gender	enum('M', 'F', 'O')	utf8mb4_general_ci		No	None				
<input type="checkbox"/>	5 Member_ID	int(11)			No	None				
<input type="checkbox"/>	6 Age	int(11)			No	None				
<input type="checkbox"/>	7 License	blob			No	None				
<input type="checkbox"/>	8 Photo	blob			No	None				
<input type="checkbox"/>	9 Created_on	date			No	None				
<input type="checkbox"/>	10 Travel_Date	date			No	None				
<input type="checkbox"/>	11 Travel_Time	time			No	None				
<input type="checkbox"/>	12 Seats_Available	int(11)			No	None				
<input type="checkbox"/>	13 Source_City_ID	int(11)			No	None				
<input type="checkbox"/>	14 Destination_City_ID	int(11)			No	None				
<input type="checkbox"/>	15 LuggagePer	int(11)			No	None				
<input type="checkbox"/>	16 Fare	int(11)			No	None				
<input type="checkbox"/>	17 Car_Name	varchar(100)	utf8mb4_general_ci		No	None				
<input type="checkbox"/>	18 Car_Number	varchar(100)	utf8mb4_general_ci		No	None				
<input type="checkbox"/>	19 Capacity	int(11)			No	None				
<input type="checkbox"/>	20 Car_Type	varchar(100)	utf8mb4_general_ci		No	None				
<input type="checkbox"/>	Console	int(11)			No	None				

+ Options																		
<div><div></div><div></div><div></div></div>			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	
<input type="checkbox"/>				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
<input type="checkbox"/>				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
<input type="checkbox"/>				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
<input type="checkbox"/>				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
<input type="checkbox"/>				5	Gaurav	9483933323	M	4	33	[BLOB - 1 B]	[BLOB - 1 B]	2022-11-16	2022-11-22	14:00:00	1	5	11	2
<input type="checkbox"/>				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
<input type="checkbox"/>				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:

Server: 127.0.0.1 » Database: carpooledb » Table: bookedride

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Tracking](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 Booking_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 Driver_name	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 Gender	enum('M', 'F', 'O')	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 TravelDate	date			No	None			Change Drop More
<input type="checkbox"/>	5 TravelTime	time			No	None			Change Drop More
<input type="checkbox"/>	6 Seats	int(11)			No	None			Change Drop More
<input type="checkbox"/>	7 Source	int(11)			No	None			Change Drop More
<input type="checkbox"/>	8 Destination	int(11)			No	None			Change Drop More
<input type="checkbox"/>	9 Luggage	int(11)			No	None			Change Drop More
<input type="checkbox"/>	10 Fare	int(11)			No	None			Change Drop More
<input type="checkbox"/>	11 CarName	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	12 CarNumber	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	13 RideID	int(11)			No	None			Change Drop More
<input type="checkbox"/>	14 PassengerID	int(11)			No	None			Change Drop More
<input type="checkbox"/>	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
<input type="checkbox"/>	Edit Copy Delete	1	Ganesh	M	2022-11-20	15:00:00	2	7	8	2	400	Duster	KA03YH4509	2	3	2
<input type="checkbox"/>	Edit Copy Delete	3	Chinar	F	2022-11-19	08:30:00	2	5	6	2	500	WagonR	GJ13UY6512	4	1	3
<input type="checkbox"/>	Edit Copy Delete	4	Sunita	F	2022-11-19	00:00:00	1	15	1	2	400	HondaCity	MH09HJ9813	3	1	5
<input type="checkbox"/>	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:

Server: 127.0.0.1 » Database: carpooledb » Table: city_details

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 City_ID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 City_Name	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 State	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More

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

SOURCE CODE

1. Registration code:

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

if(isset($_POST['register']))
{
    $name=$_POST['txtname'];
    $contact=$_POST['txtnum'];
    $gender=$_POST['rd1'];
    $address=$_POST['txtadd'];
    $username=$_POST['txtuname'];
    $password=$_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=='')
    {

```

```

        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
            &nbsp; &nbsp;<input type="radio" name="rd1" class="radio"
value="F"> Female
            &nbsp;&nbsp;<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">&nbsp;
            <input type="reset" id="res1" name="reset" class="reset"
><br><br>
            <h4>&nbsp; &nbsp; &nbsp; &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
require_once('header.php');
error_reporting(E_ALL ^ E_NOTICE);
require_once('config.php');
$username=$pwd="";
$username=$_POST['txtuname'];
$password=$_POST['txtpass'];
$role=$_POST['role'];
$sql1="SELECT * FROM registration where Username='$username' 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;
        $_SESSION['uname']=$uname;
    }
    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>

```



```

$sqlides="SELECT * FROM `city_details` ";
$all_city_des=mysqli_query($conn,$sqlides);
$nmerr=$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;

```

```

        $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 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
                        &nbsp; &nbsp;<input type="radio" name="rd1"
class="radio" value="F"> Female
                        &nbsp; &nbsp;<input type="radio" name="rd1"
class="radio" value="0"> Other</h4><br>

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

```

```

        <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 $datetoday;
?>"><br><br>
        <h4>Enter Journey Date & Time: </h4><input
class="inputboxdt" type="date" id="txttime"
        name="txttime" min=""><input
class="inputboxdtime" type="time" id="txtjtime"
        name="txtjtime"><br><br>
        <h4>Seats Available:</h4><input class="inputbox"
type="text" id="txt3" name="txtseat"><br><br>
        <h4>Source City: </h4>
        <select name="txtscity" id="role" class="city">
            <?php
                while($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>

```

```

        <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>

```

```

        <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>'<!-- $citynm["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>'<!-- $cnum -->' </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
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 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" cellpadding="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) )
{

```

```

        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.

BIBLIOGRAPHY

- www.google.com
- www.geeksforgeeks.com
- www.youtube.com
- www.javatpoint.com