CAR RENTAL MANAGEMENT

PROJECT BY

ALWIN A 2022115009

LOGESH M S 2022115045

PROBLEM STATEMENT:-

The existing car rental management systems lack optimal efficiency and user-friendly features, leading to operational challenges and suboptimal customer experiences. This project aims to address these issues by developing a comprehensive and intuitive car rental management solution that enhances operational processes, improves customer satisfaction, and ensures seamless communication and coordination across various facets of the car rental ecosystem. The system will incorporate advanced features such as real-time vehicle tracking, automated booking processes, and robust reporting tools to streamline operations for both the rental agency and its clientele.

GIT HUB REPOSITORY:-

https://github.com/Alwin16/Car-RentalManagement

TECHSTACKS:-

1.PG admin(postgres sql)

2.PHP

3.Javascript

4.HTML

5.CSS

6.AJAX

7.SMTP(for mailing using PHP)

PROJECT DESCRIPTION:

We have two interface pages separately

1.User page
2.Admin page

USER PAGE:-

User has login and signup page.Most importantly when you sign up with a email You have been sent a random OTP using SMTP.The user has to enter the correct otp to get login into our webpage.User page has home page,contact us page,about us page and a main page called carlist.Car list has the list of cars owned by us and the special features it has that was in the table.There is a book now button which redirects you to a booking page.Booking page has select dates option and we have a special price for each car for every day.After booking it automatically calculates the total price and updates in the database table.The booking is requested to the admin.

ADMIN PAGE:

Admin page can view over the number of users,number of bookings,number of brands and vehicles.The admin can also view the details of the above mentioned.The Admin page has the main important function of accepting and cancelling the trip.The admin can cancel and accept by just clicking a button which is send as a mail to the user regarding cancel and confirm button.The admin can insert and update the vehicles he have.

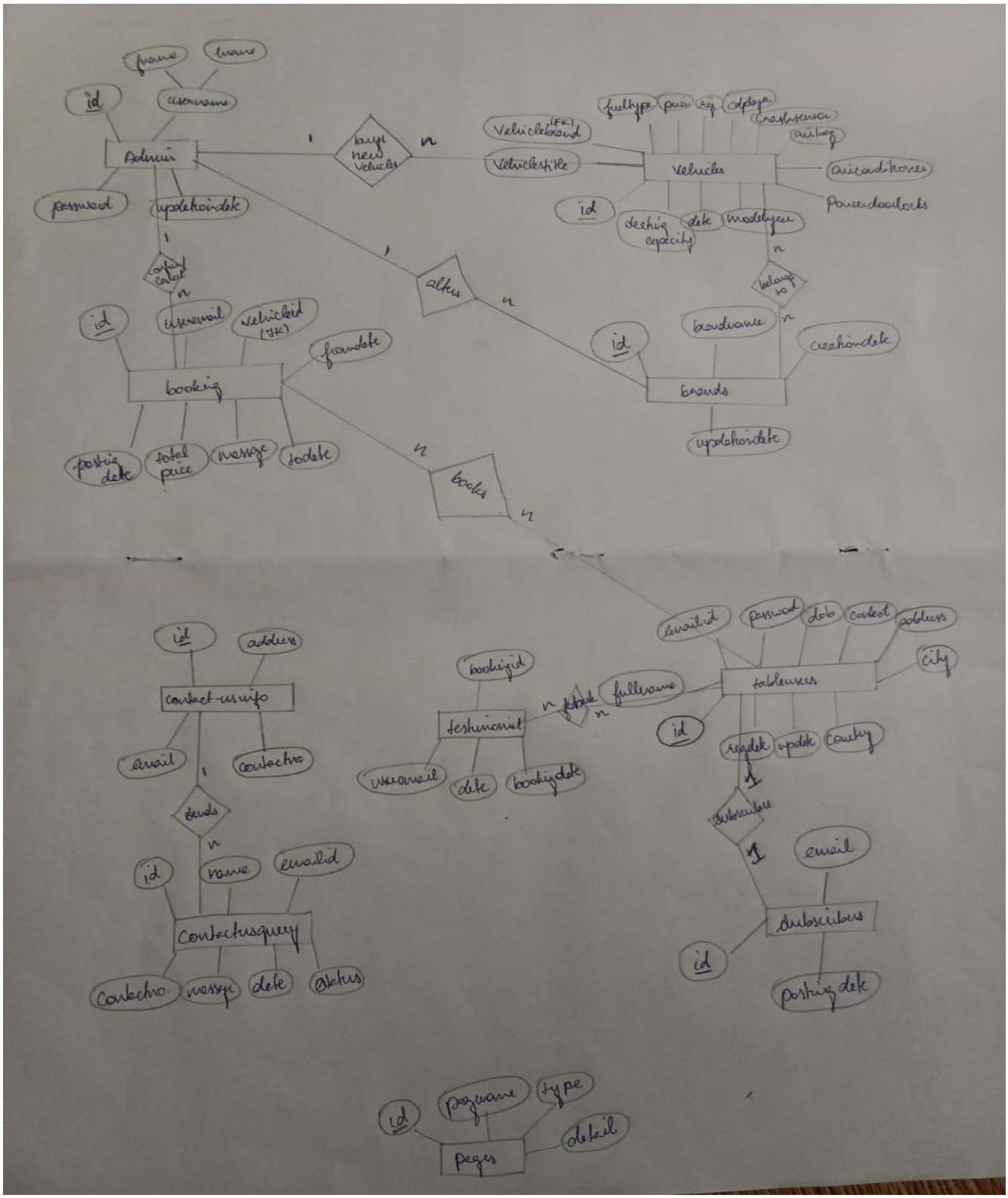
ER DIAGRAM:-

Since there are multiple valued attributes first our project doesn't satisfy first normal form.Then we separated them into separate tables.Now for checking into second normal form We got it right.In the third normal form we have to separate our two tables named VEHICLES and BRANDS with same attribute to satisfy third normal form.

After checking for normalisation ,We got it right and we got 10 tables.

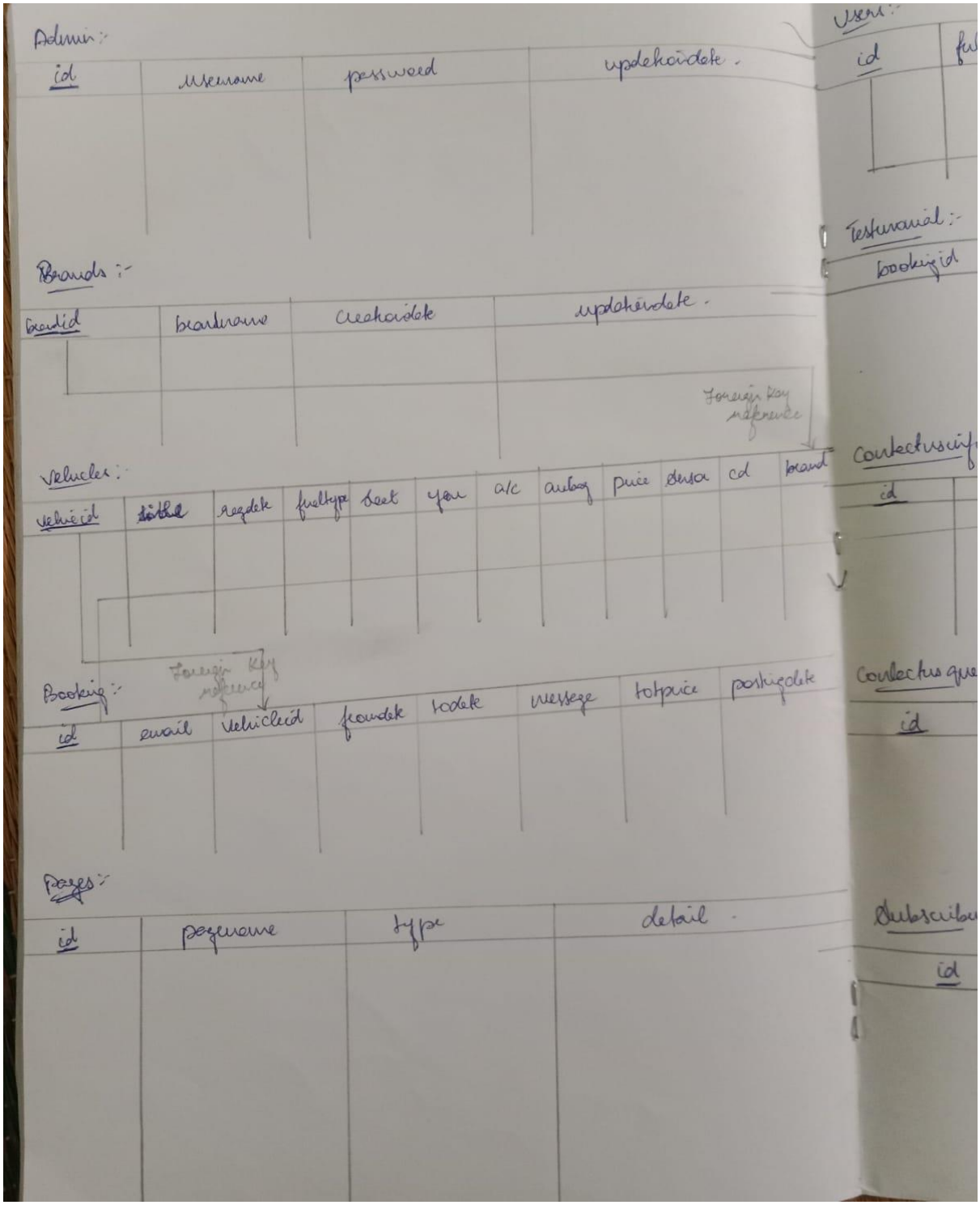
Ten tables with all tables having a unique primary key and almost more than 5 foreign key in our entire database.

ER DIAGRAM:-



Admin
id
username
password
updationdate
buys new Vehicles
Vehicles
Vehicleblrand (FK)
Vehiclestitle
fueltype
id
deeting capacity
date
modelyear
airconditioner
Powerdoorlocks
alters
brands
id
brandname
creationdate
updationdate
booking
id
useremail
vehicleid (FK)
fromdate
postingdate
total price
message
todate
books
tablenseers
emailid
password
dob
contact
address
city
id
regdate
update
country
testimonial
bookingid
useremail
date
bookingdate
contact-usinfo
id
address
email
contactno
sends
id
name
emailid
contactusquery
contactno.
message
date
status
subscribers
email
id
postingdate
pages
id
pagename
type
detail

NORMALISED TABLES:-



Users :-

id	fullname	email	passwod	dob	contact	address	regdate

Testimonial :-

bookingid	date	bookingdate	bookingid	userid

foreignkey

Contactusinfo :-

id	address	email	contactno	status

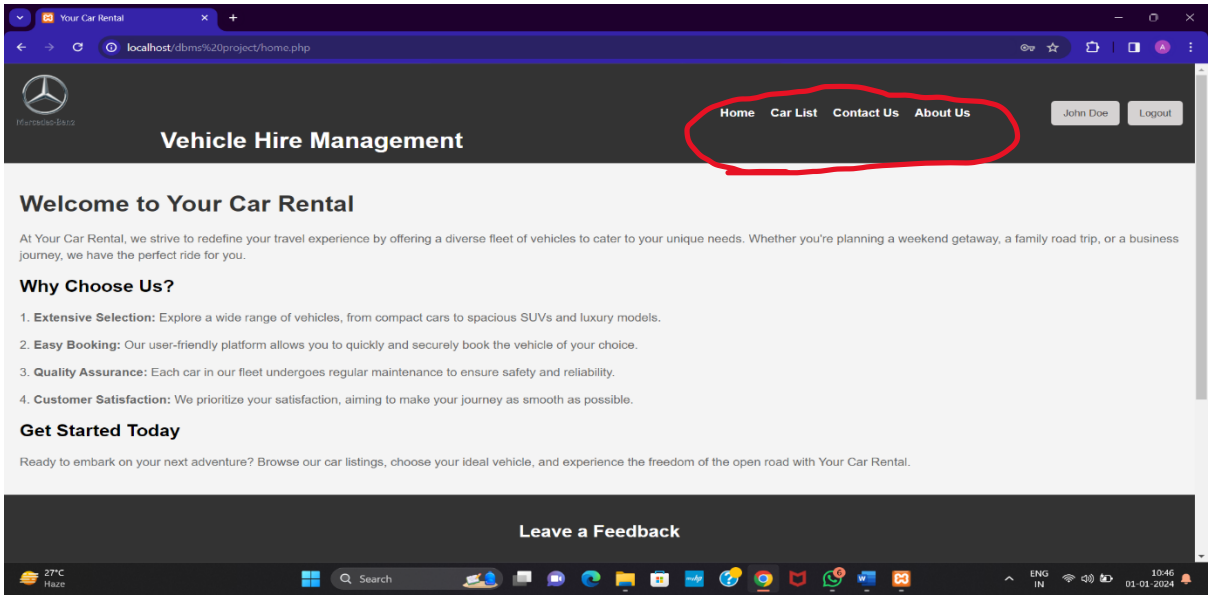
Contactusquery :-

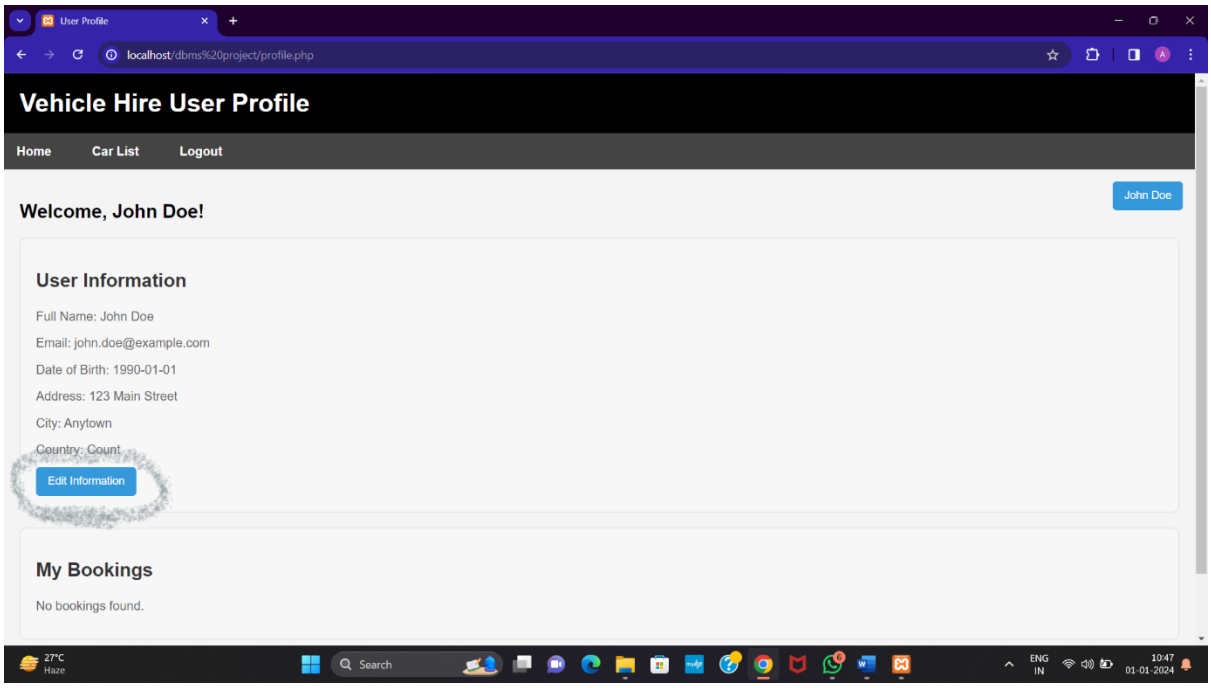
id	name	mailid	contactno	date	message

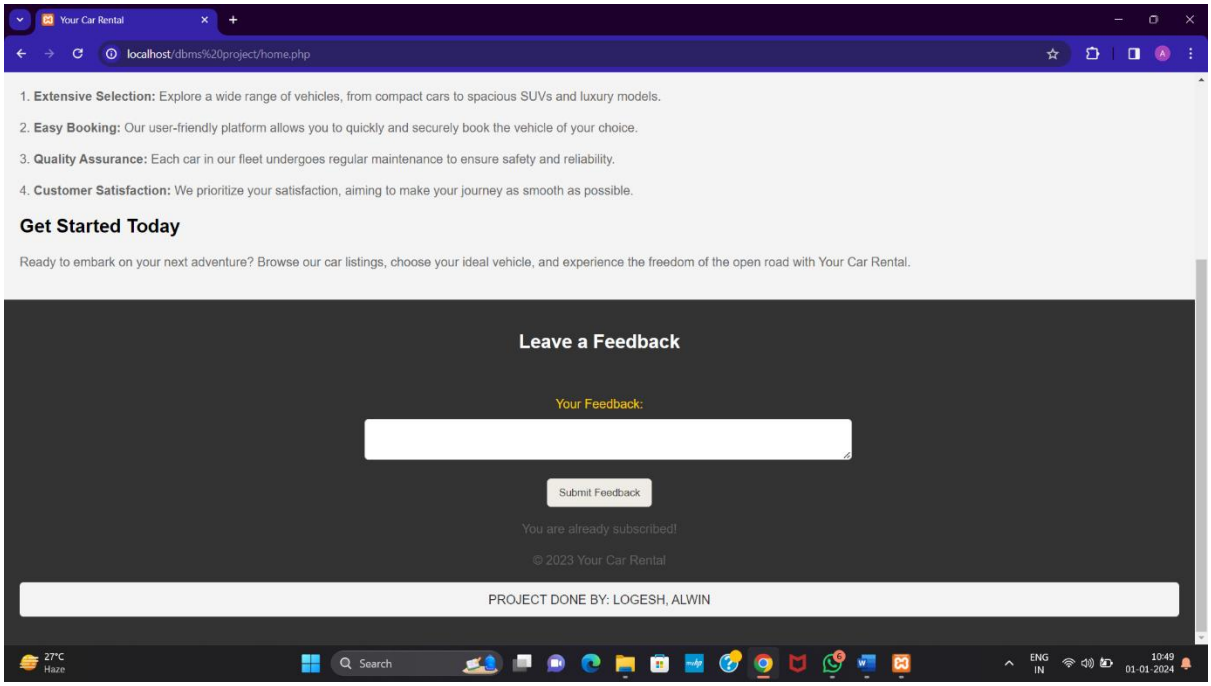
Subscribers :-

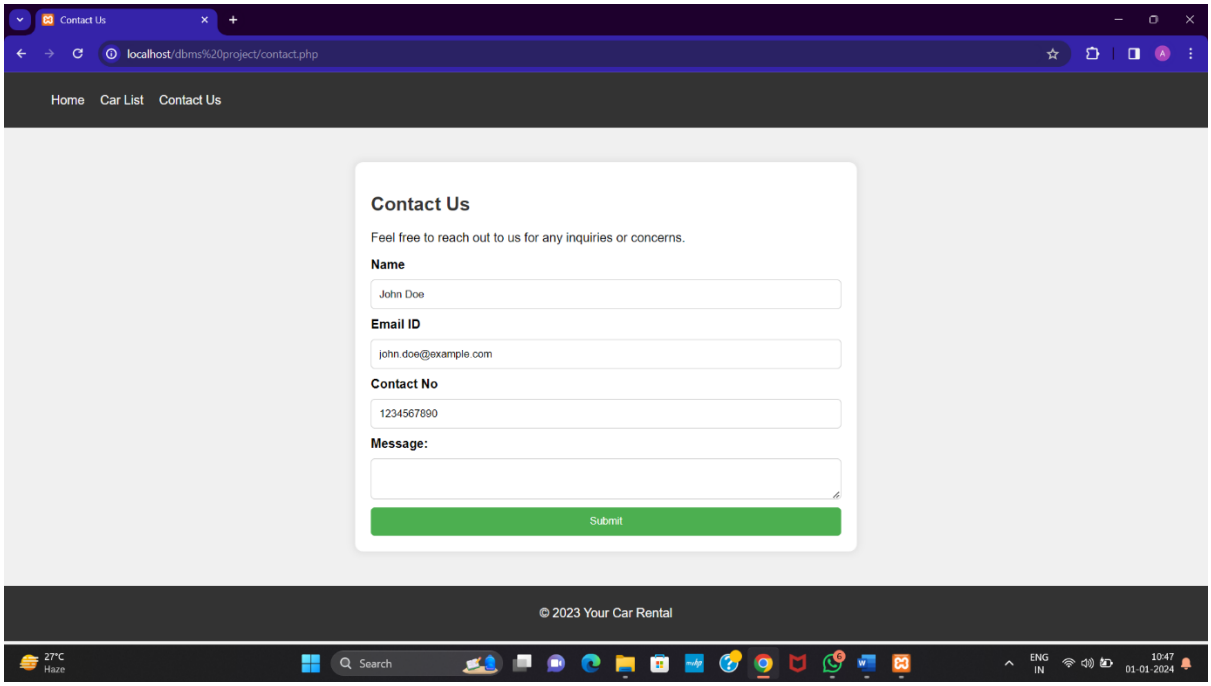
id	email	postingdate

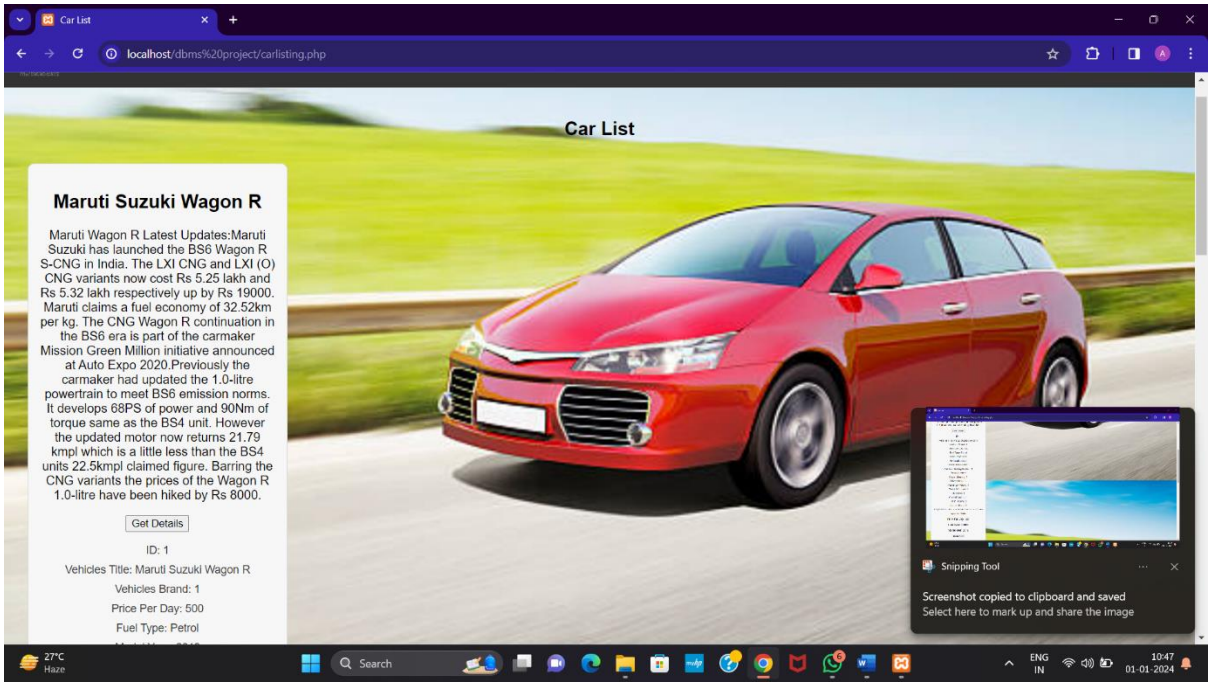
User pages:-

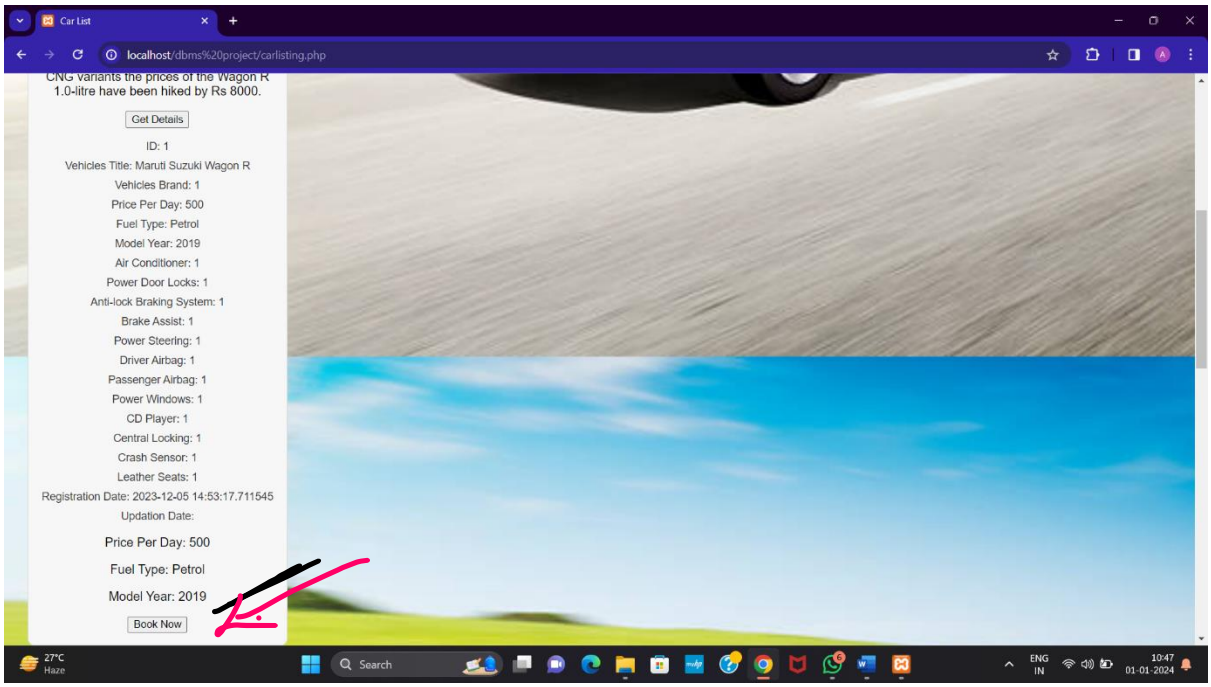

Your Car Rental
localhost/dbms%20project/home.php
Vehicle Hire Management
Home
Car List
Contact Us
About Us
John Doe
Logout
Welcome to Your Car Rental
At Your Car Rental, we strive to redefine your travel experience by offering a diverse fleet of vehicles to cater to your unique needs. Whether you're planning a weekend getaway, a family road trip, or a business journey, we have the perfect ride for you.
Why Choose Us?
1. Extensive Selection: Explore a wide range of vehicles, from compact cars to spacious SUVs and luxury models.
2. Easy Booking: Our user-friendly platform allows you to quickly and securely book the vehicle of your choice.
3. Quality Assurance: Each car in our fleet undergoes regular maintenance to ensure safety and reliability.
4. Customer Satisfaction: We prioritize your satisfaction, aiming to make your journey as smooth as possible.
Get Started Today
Ready to embark on your next adventure? Browse our car listings, choose your ideal vehicle, and experience the freedom of the open road with Your Car Rental.
Leave a Feedback


User Profile
localhost/dbms%20project/profile.php
Vehicle Hire User Profile
Home
Car List
Logout
John Doe
Welcome, John Doe!
User Information
Full Name: John Doe
Email: john.doe@example.com
Date of Birth: 1990-01-01
Address: 123 Main Street
City: Anytown
Country: Count
Edit Information
My Bookings
No bookings found.

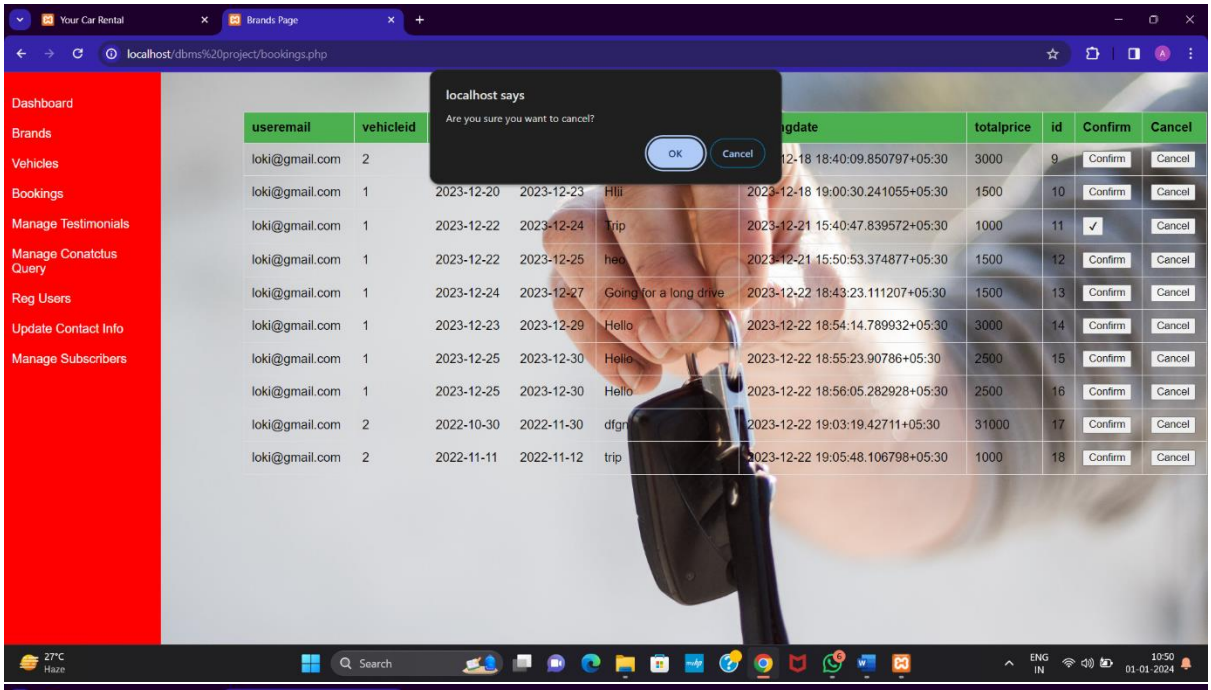

Your Car Rental
localhost/dbms%20project/home.php
1. Extensive Selection: Explore a wide range of vehicles, from compact cars to spacious SUVs and luxury models.
2. Easy Booking: Our user-friendly platform allows you to quickly and securely book the vehicle of your choice.
3. Quality Assurance: Each car in our fleet undergoes regular maintenance to ensure safety and reliability.
4. Customer Satisfaction: We prioritize your satisfaction, aiming to make your journey as smooth as possible.
Get Started Today
Ready to embark on your next adventure? Browse our car listings, choose your ideal vehicle, and experience the freedom of the open road with Your Car Rental.
Leave a Feedback
Your Feedback:
Submit Feedback
You are already subscribed!
© 2023 Your Car Rental
PROJECT DONE BY: LOGESH, ALWIN
27°C
Haze
Search
ENG
IN
10:49
01-01-2024

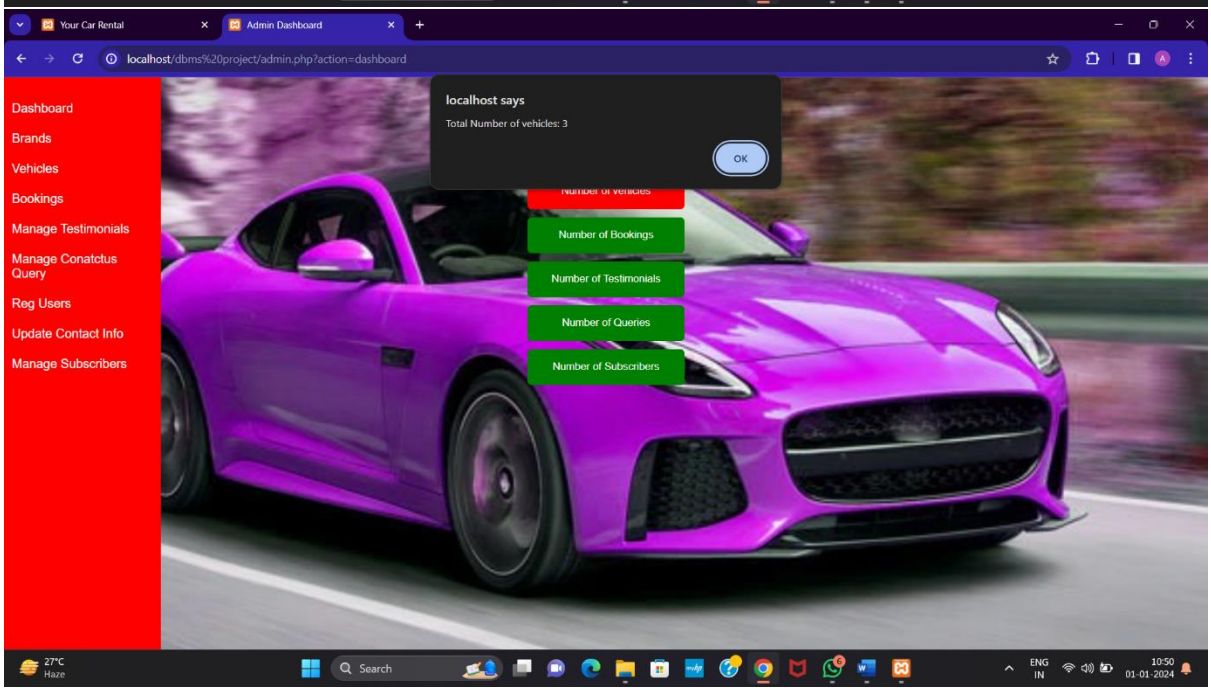

Contact Us
localhost/dbms%20project/contact.php
Home
Car List
Contact Us
Contact Us
Feel free to reach out to us for any inquiries or concerns.
Name
John Doe
Email ID
john.doe@example.com
Contact No
1234567890
Message:
Submit
© 2023 Your Car Rental
27°C
Haze
Search
ENG
IN
10:47
01-01-2024


Car List
localhost/dbms%20project/carlisting.php
Car List
Maruti Suzuki Wagon R
Maruti Wagon R Latest Updates:Maruti Suzuki has launched the BS6 Wagon R S-CNG in India. The LXI CNG and LXI (O) CNG variants now cost Rs 5.25 lakh and Rs 5.32 lakh respectively up by Rs 19000. Maruti claims a fuel economy of 32.52km per kg. The CNG Wagon R continuation in the BS6 era is part of the carmaker Mission Green Million initiative announced at Auto Expo 2020.Previously the carmaker had updated the 1.0-litre powertrain to meet BS6 emission norms. It develops 68PS of power and 90Nm of torque same as the BS4 unit. However the updated motor now returns 21.79 kmpl which is a little less than the BS4 units 22.5kmpl claimed figure. Barring the CNG variants the prices of the Wagon R 1.0-litre have been hiked by Rs 8000.
Get Details
ID: 1
Vehicles Title: Maruti Suzuki Wagon R
Vehicles Brand: 1
Price Per Day: 500
Fuel Type: Petrol
Snipping Tool
Screenshot copied to clipboard and saved
Select here to mark up and share the image
27°C
Haze
Search
ENG
IN
10:47
01-01-2024

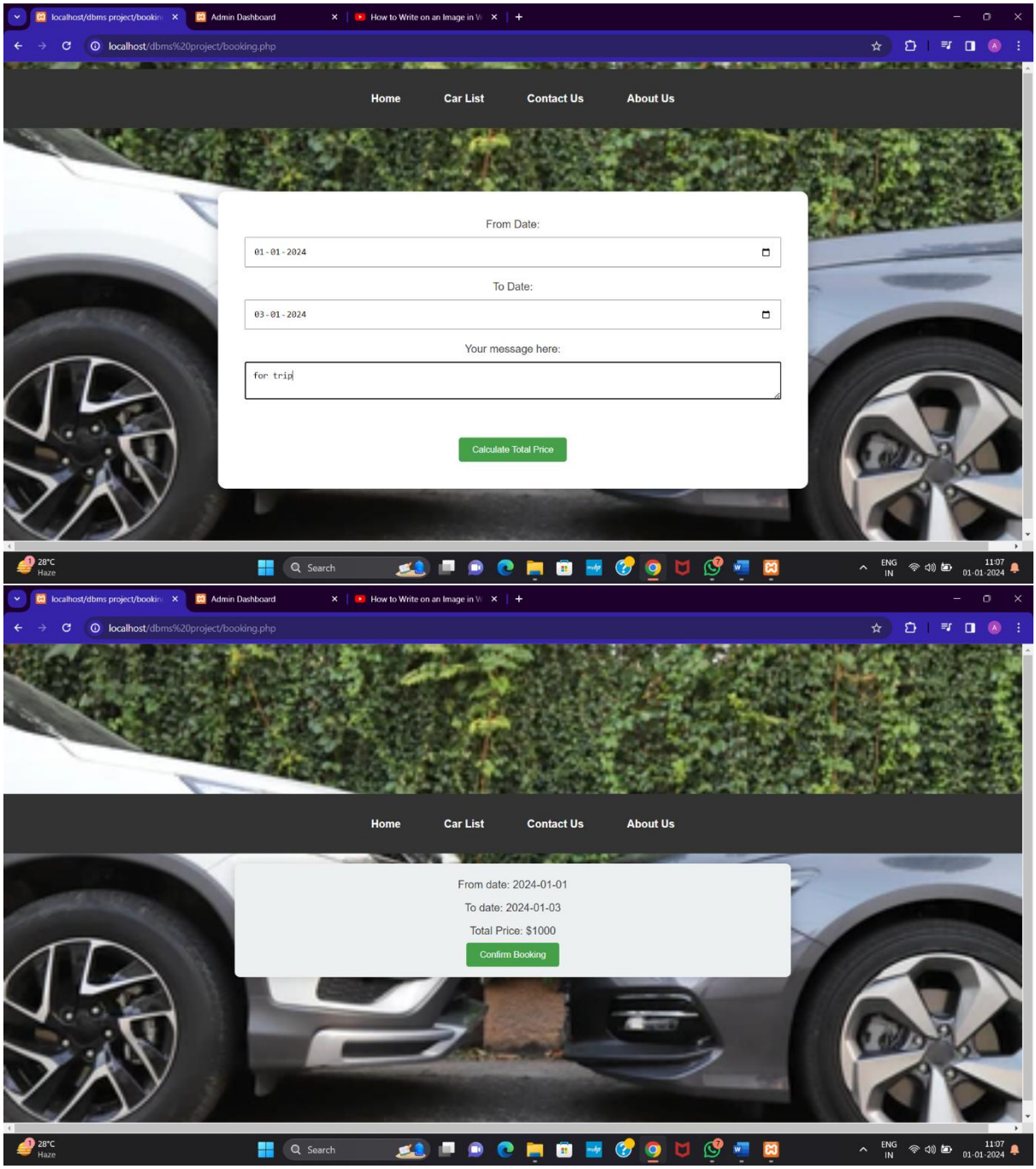

Car List
localhost/dbms%20project/carlisting.php
CNG variants the prices of the Wagon R 1.0-litre have been hiked by Rs 8000.
Get Details
ID: 1
Vehicles Title: Maruti Suzuki Wagon R
Vehicles Brand: 1
Price Per Day: 500
Fuel Type: Petrol
Model Year: 2019
Air Conditioner: 1
Power Door Locks: 1
Anti-lock Braking System: 1
Brake Assist: 1
Power Steering: 1
Driver Airbag: 1
Passenger Airbag: 1
Power Windows: 1
CD Player: 1
Central Locking: 1
Crash Sensor: 1
Leather Seats: 1
Registration Date: 2023-12-05 14:53:17.711545
Updation Date:
Price Per Day: 500
Fuel Type: Petrol
Model Year: 2019
Book Now
27°C
Haze
Search
ENG
IN
10:47
01-01-2024

Admin pages:-


Your Car Rental
Brands Page
localhost/dbms%20project/bookings.php
localhost says
Are you sure you want to cancel?
OK
Cancel
Dashboard
Brands
Vehicles
Bookings
Manage Testimonials
Manage Conatctus Query
Reg Users
Update Contact Info
Manage Subscribers
useremail
vehicleid
totalprice
id
Confirm
Cancel
loki@gmail.com 2 3000 9 Confirm Cancel
loki@gmail.com 1 2023-12-20 2023-12-23 Hlii 1500 10 Confirm Cancel
loki@gmail.com 1 2023-12-22 2023-12-24 Trip 1000 11 ✓ Cancel
loki@gmail.com 1 2023-12-22 2023-12-25 hec 1500 12 Confirm Cancel
loki@gmail.com 1 2023-12-24 2023-12-27 Going for a long drive 1500 13 Confirm Cancel
loki@gmail.com 1 2023-12-23 2023-12-29 Hello 3000 14 Confirm Cancel
loki@gmail.com 1 2023-12-25 2023-12-30 Helio 2500 15 Confirm Cancel
loki@gmail.com 1 2023-12-25 2023-12-30 Hello 2500 16 Confirm Cancel
loki@gmail.com 2 2022-10-30 2022-11-30 dfgn 31000 17 Confirm Cancel
loki@gmail.com 2 2022-11-11 2022-11-12 trip 1000 18 Confirm Cancel
27°C Haze
Search
ENG IN
10:50 01-01-2024

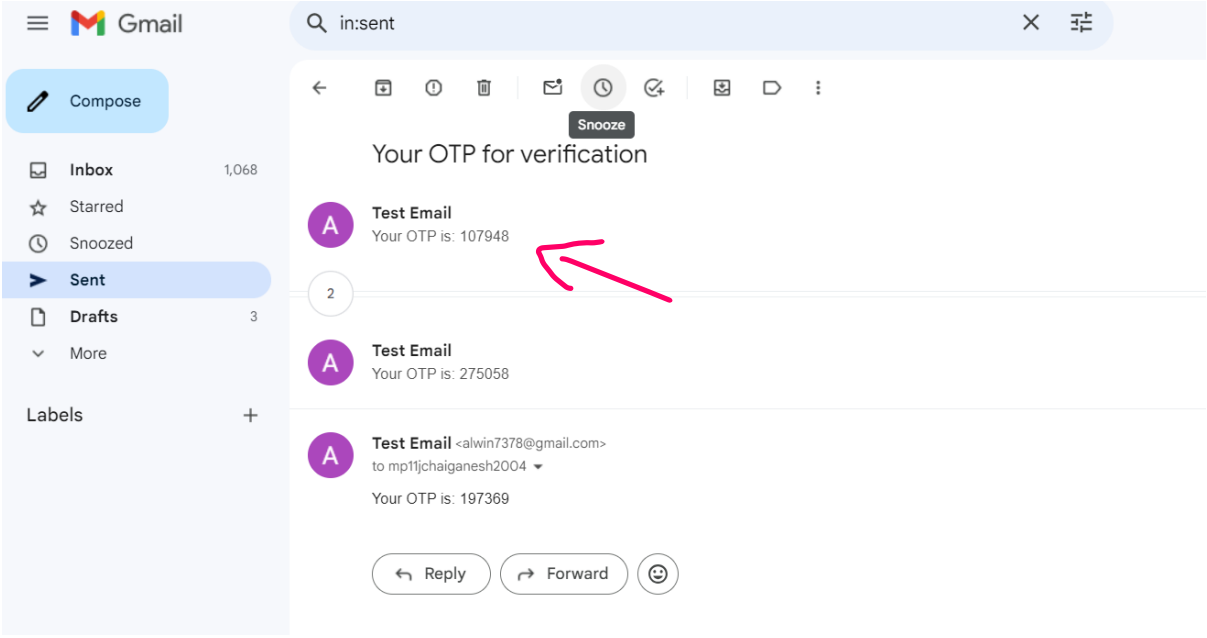

Your Car Rental
Admin Dashboard
localhost/dbms%20project/admin.php?action=dashboard
localhost says
Total Number of vehicles: 3
OK
Dashboard
Brands
Vehicles
Bookings
Manage Testimonials
Manage Conatctus Query
Reg Users
Update Contact Info
Manage Subscribers
Number of Bookings
Number of Testimonials
Number of Queries
Number of Subscribers
27°C Haze
Search
ENG IN
10:50 01-01-2024

Booking pages:-



CALCULATE PRICE AUTOMATICALLY

Otp MAIL:-


Gmail
in:sent
Compose
Inbox 1,068
Starred
Snoozed
Sent
Drafts 3
More
Labels
Snooze
Your OTP for verification
Test Email
Your OTP is: 107948
2
Test Email
Your OTP is: 275058
Test Email <alwin7378@gmail.com>
to mp11jchaiganesh2004
Your OTP is: 197369
Reply
Forward