

On Demand Car Wash Platform

Prepared By

- Korrai Bhargav
- Vutukuri Naga Venkata kasi Amarnadh kumar
- Imam Gouse Peddarumala shaik
- Sujeet Kumar
- Jami mutyalarao
- Sudesh K
- Adrija Biswas
- Priyank Joshi
- Neetu kumari
- Durgesh kumar

Table of Contents:

- ☐ Introduction
- ☐ Problem Statement
- ☐ Proposed System
- ☐ Technologies
- ☐ Use Case Diagrams
- ☐ Sequence Diagram For Customer
- ☐ Sequence Diagram For Admin
- ☐ Sequence Diagram For Washer
- ☐ Technology Used
- ☐ Output Diagram
- ☐ Conclusion
- ☐ References

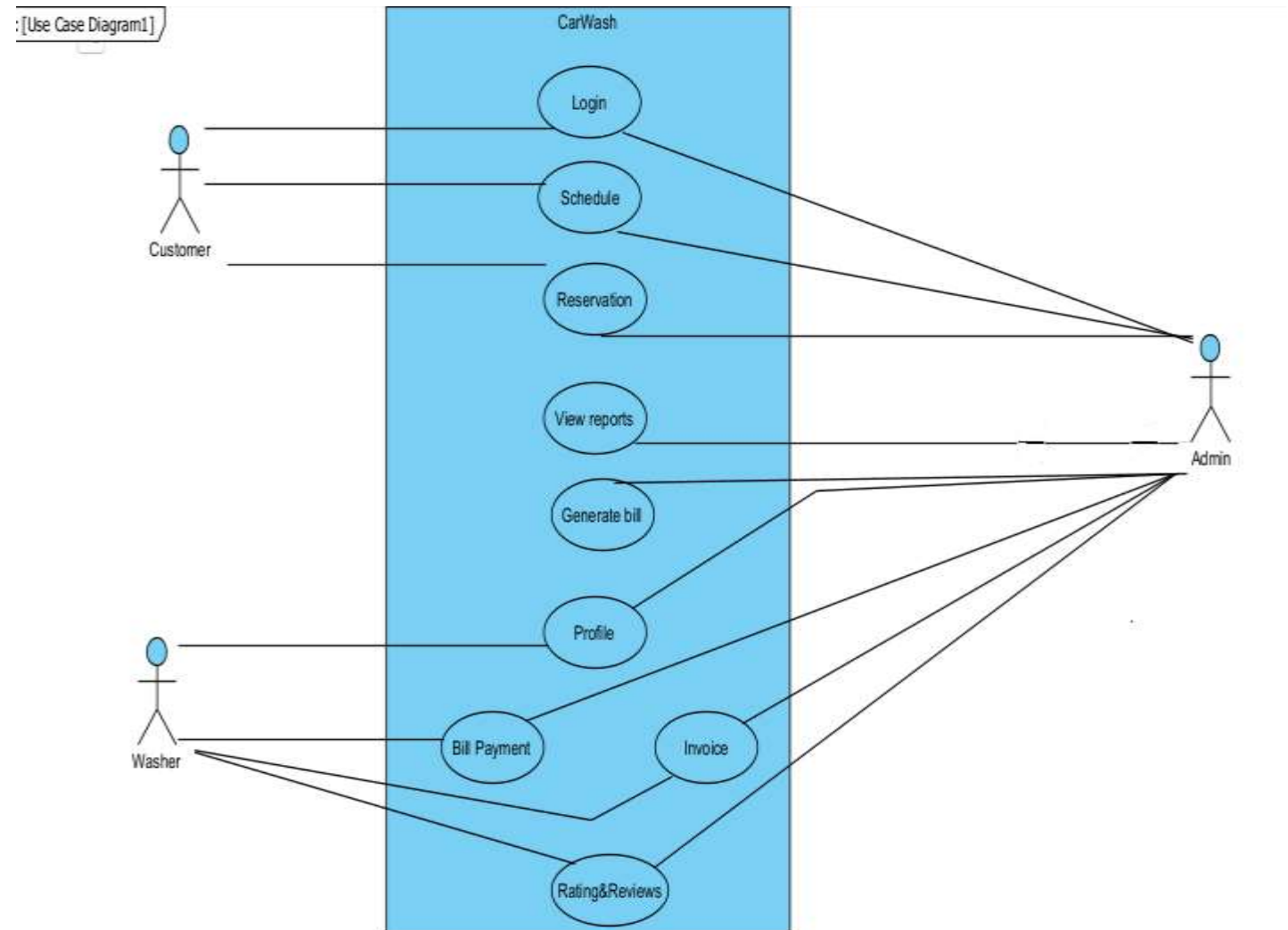
Introduction

You can get your car washed wherever you are at your convenience. Whether it's your home, salon, office or any other place, your car wash is just a few taps away. Few moments spend in signup can save your valuable time. All you need to do is just enter your car, address, and payment details. A washer will come at your location and give your car a premium wash. The app also contains various packages and add-ons to wipe, clean and dress your entire car from inside out

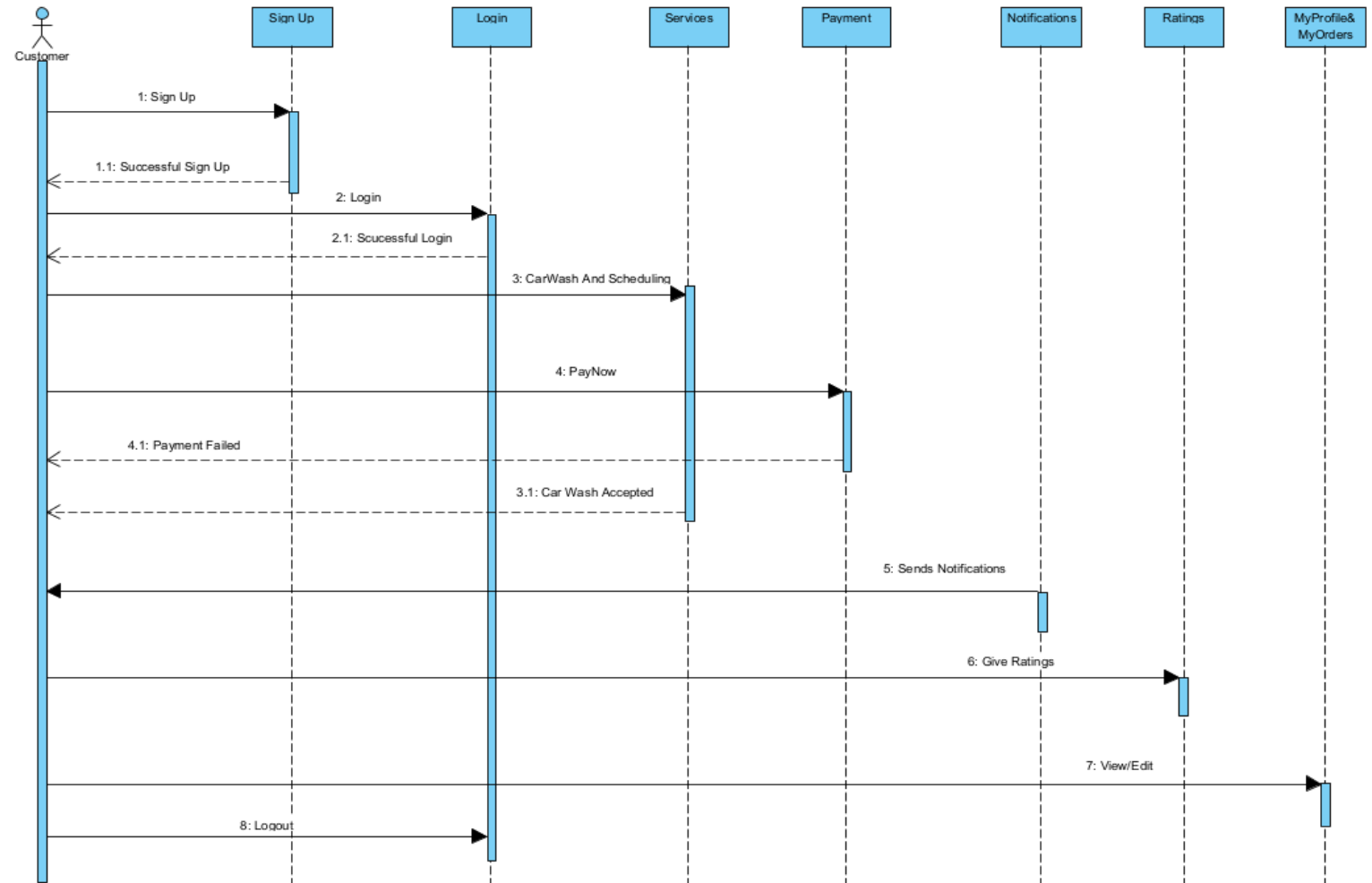
Problem Statement

Today, with the changing preferences and growing income, people are likely to roam around in sedans and SUV's. With the increasing car consumer market, car wash segment is all set to join the race. Forecasting the expanding markets of the car care services, Green Carwash company approached Hyperlink Info System to develop an interface that connects customers and service providers to avail the best wash services within the nearest proximity. The main aim of the client is to explore the untapped market opportunities by satisfying increasing consumer demands through professional car wash services. The app is developed on Android platforms and designed for the USA audience only.

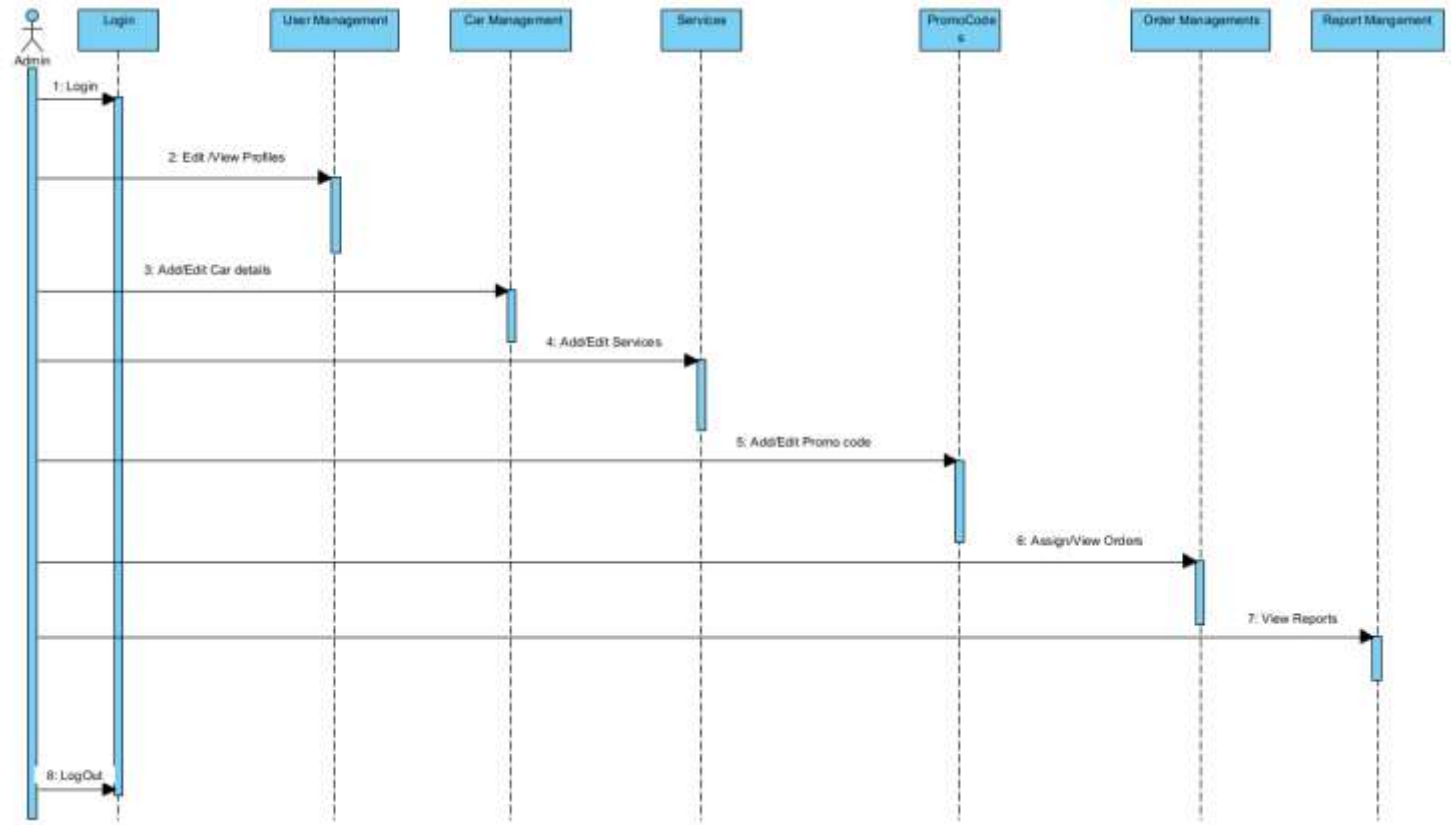
Use Case Diagram



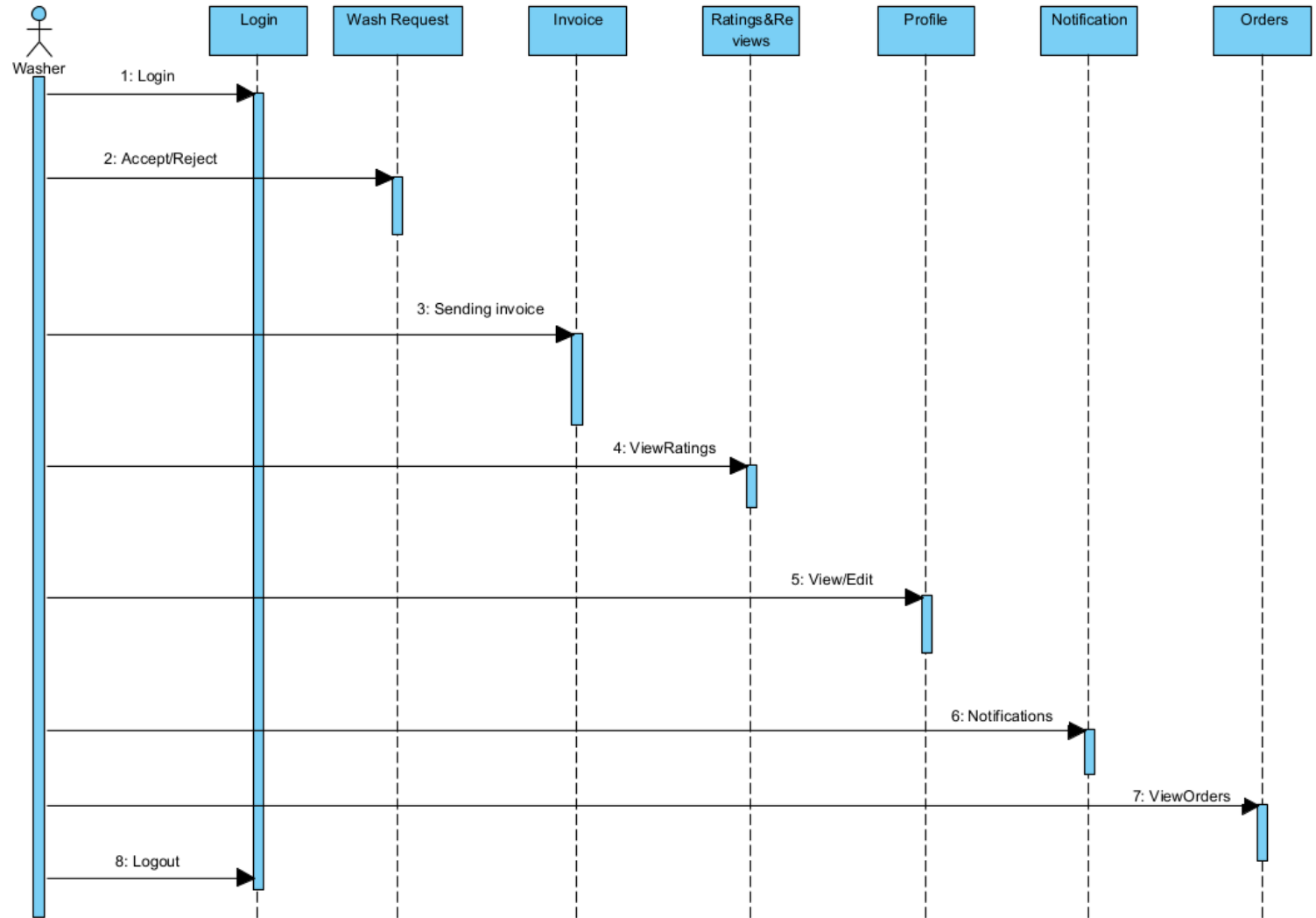
Sequence Diagram For Customer



Sequence Diagram For Admin



Sequence Diagram For Washer





Technology used for implementation

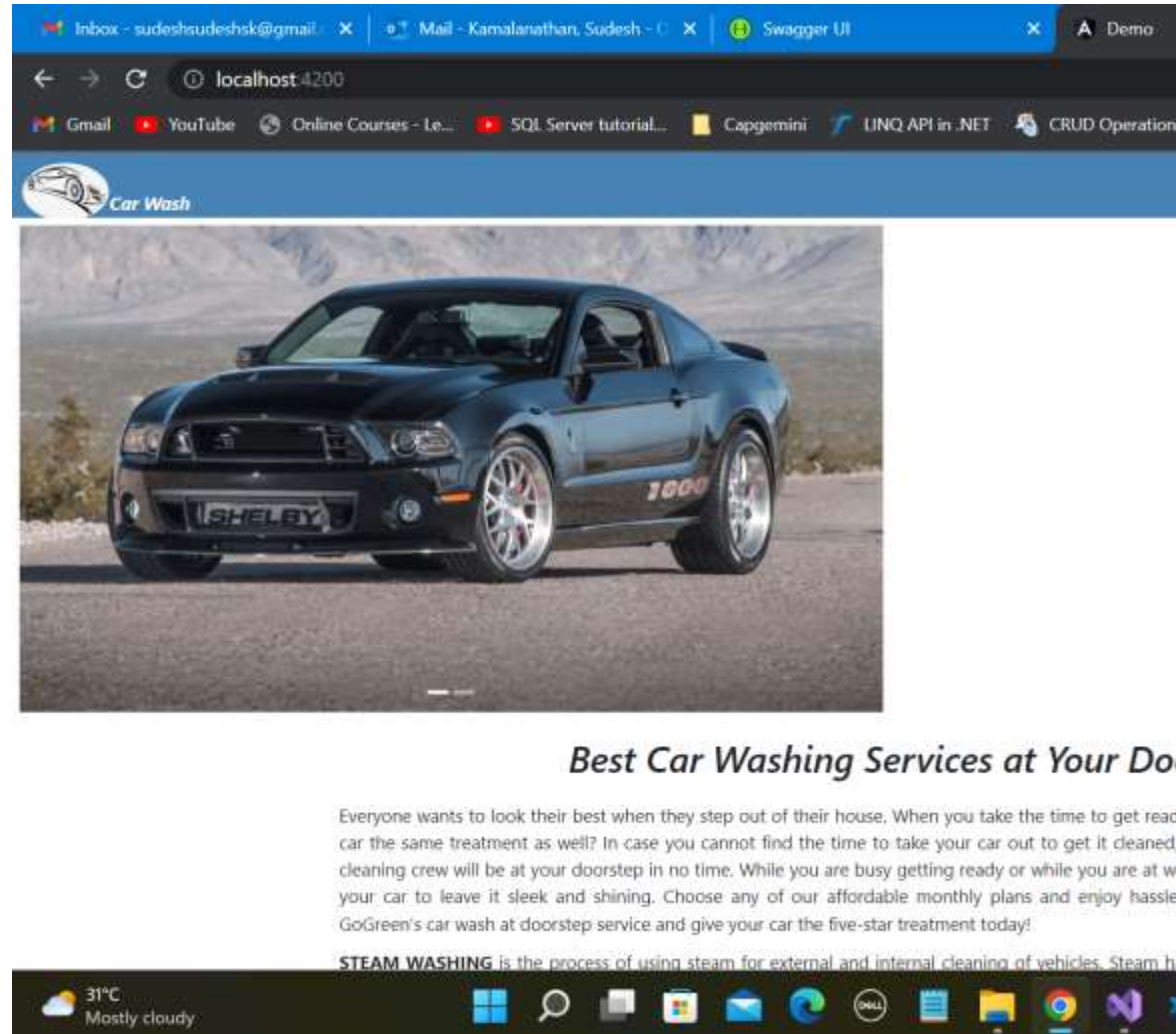
Front-End: html5, CSS3, Angular

Database: SQL Server

Back-End: Asp.net Core Web API

Browser Compatibility: All Browser
Compatible


HOME PAGE




Inbox - sudeshsudeshtsk@gmail.com | Mail - Kamalanathan, Sudesh - C... | Swagger UI | Demo

localhost:4200

Gmail | YouTube | Online Courses - Le... | SQL Server tutorial... | Capgemini | LINQ API in .NET | CRUD Operations

 Car Wash



Best Car Washing Services at Your Door

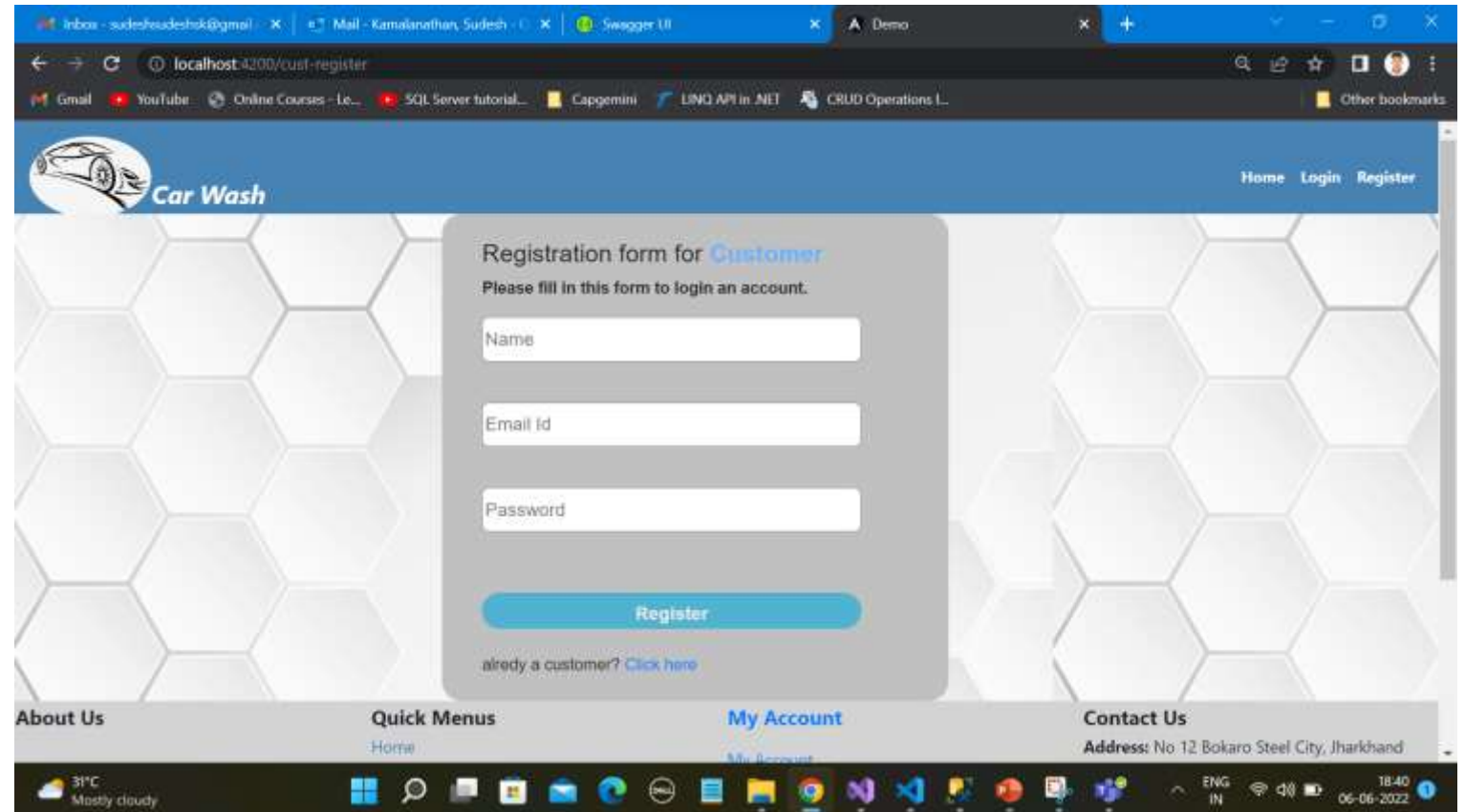
Everyone wants to look their best when they step out of their house. When you take the time to get ready, your car should get the same treatment as well! In case you cannot find the time to take your car out to get it cleaned, our cleaning crew will be at your doorstep in no time. While you are busy getting ready or while you are at work, we will take your car to leave it sleek and shining. Choose any of our affordable monthly plans and enjoy hassle-free service. GoGreen's car wash at doorstep service and give your car the five-star treatment today!

STEAM WASHING is the process of using steam for external and internal cleaning of vehicles. Steam h...

31°C
Mostly cloudy

Windows taskbar icons: Start, Search, Task View, File Explorer, Mail, Edge, OneDrive, Teams, Outlook, Chrome, VS Code, etc.

Customer Registration Page



The screenshot displays a web browser window with the address bar showing `localhost:4200/cust-register`. The browser tabs include 'Inbox - sudeshsudehsk@gmail', 'Mail - Kamalanathan, Sudeh', 'Swagger UI', and 'Demo'. The browser's bookmark bar lists 'Gmail', 'YouTube', 'Online Courses - Le...', 'SQL Server tutorial...', 'Capgemini', 'LINQ API in .NET', and 'CRUD Operations L...'. The website header features a 'Car Wash' logo and navigation links for 'Home', 'Login', and 'Register'. The main content area contains a 'Registration form for Customer' with the instruction 'Please fill in this form to login an account.' and three input fields for 'Name', 'Email id', and 'Password'. A blue 'Register' button is positioned below the fields, and a link 'already a customer? Click here' is located at the bottom of the form. The footer includes sections for 'About Us', 'Quick Menus' (with a link to 'Home'), 'My Account' (with a link to 'My Account'), and 'Contact Us' (with the address 'No 12 Bokaro Steel City, Jharkhand'). The Windows taskbar at the bottom shows the date as 06-06-2022, the time as 18:40, and the language as ENG IN.

Registration form for **Customer**
Please fill in this form to login an account.

Name

Email id

Password

[Register](#)

already a customer? [Click here](#)

About Us

Quick Menus
[Home](#)

My Account
[My Account](#)


Contact Us
Address: No 12 Bokaro Steel City, Jharkhand

CUSTOMER LOGIN

Inbox - sudeshsudeshsk@gmail.com X Mail - Kamalanathan, Sudesh X Swagger UI X Demo X

localhost:4200/cust-login

Gmail YouTube Online Courses - Le... SQL Server tutorial... Capgemini LINQ API in .NET CRUD Operations L... Other bookmarks

 **Car Wash** Home Login Register

Login as a **Customer**

Please fill in this form to login an account.

Email Id

Password

[Click here](#) to login as a service provider

[Click here](#) Admin Login

Login

About Us Quick Menus My Account Contact Us

Home


Address: No 12 Bokaro Steel City,

31°C Mostly cloudy 18:39 06-06-2022

Washer login

← → ↻ localhost:4200/provider-login 🔑 🔍 📄 ☆ 📱 👤 ⋮

Gmail YouTube Maps

 **Car Wash**

Home MyAccount Logout

Login as a **Service Provider**

Please fill in this form to login an account.

[Click here](#) to login as a customer

About Us

Our premium services speak of the highest quality workmanship in the India. Our services ensures eco-friendly detailing and wash services for your car.

Quick Menus





[Home](#)
[About Us](#)
[Services](#)
[Gallery](#)
[feedback](#)

My Account

[My Account](#)
[Order History](#)

Contact Us


Address: EPIP Zone Whitefield Rd, Phase 2, Bengaluru, Karnataka 560066
Phone No: +91 8639293390
Email Id: carwash@gmail.com

Admin Login

← → ↻ ⓘ localhost:4200/Admin-login 🔑 🔍 📁 ☆ 📱 👤 ⋮

Gmail YouTube Maps

 **Car Wash**

Home Login Register

Login as a **admin**

Please fill in this form to login an account.

[Click here](#) to login as a service provider

Login

About Us

Our premium services speak of the highest quality workmanship in the India. Our services ensures eco-friendly detailing and wash services for your car.

Quick Menus

- [Home](#)
- [Abouts Us](#)
- [Services](#)
- [Gallery](#)
- [feedback](#)

My Account





- [My Account](#)
- [Order History](#)

Contact Us

Address: EPIP Zone Whitefield Rd, Phase 2, Bengaluru, Karnataka 560066

Phone No: +91 8639293390

Email Id: carwash@gmail.com



Booking History Page

WhatsApp Batch 1 | Microsoft Teams Demo Swagger UI

localhost:4200/booking-history

Gmail YouTube Maps

Car Wash Home MyAccount Hello Logout

Booking History

Name	contactNumber	Car Model	Car Type	Service Type	Date	Amount	Address
raki	7382298758	xuv300	Sedan	corporate car wash	2022-06-08	200	15-88 nethaji nagar guntur
Name	contactNumber	Car Model	Car Type	Service Type	Date	Amount	Address
ram	7654321789	xuv500	SUV	Residential car wash	2022-06-07	200	12-4 near saibaba temple piduguralla

About Us

Our premium services speak of the highest quality workmanship in the India. Our services ensures eco-friendly detailing and wash services for your car.

Quick Menus

- [Home](#)
- [Abouts Us](#)
- [Services](#)
- [Gallery](#)
- [feedback](#)

My Account

- [My Account](#)
- [Order History](#)

Contact Us

Address: EPIP Zone Whitefield Rd, Phase 2, Bengaluru, Karnataka 560066

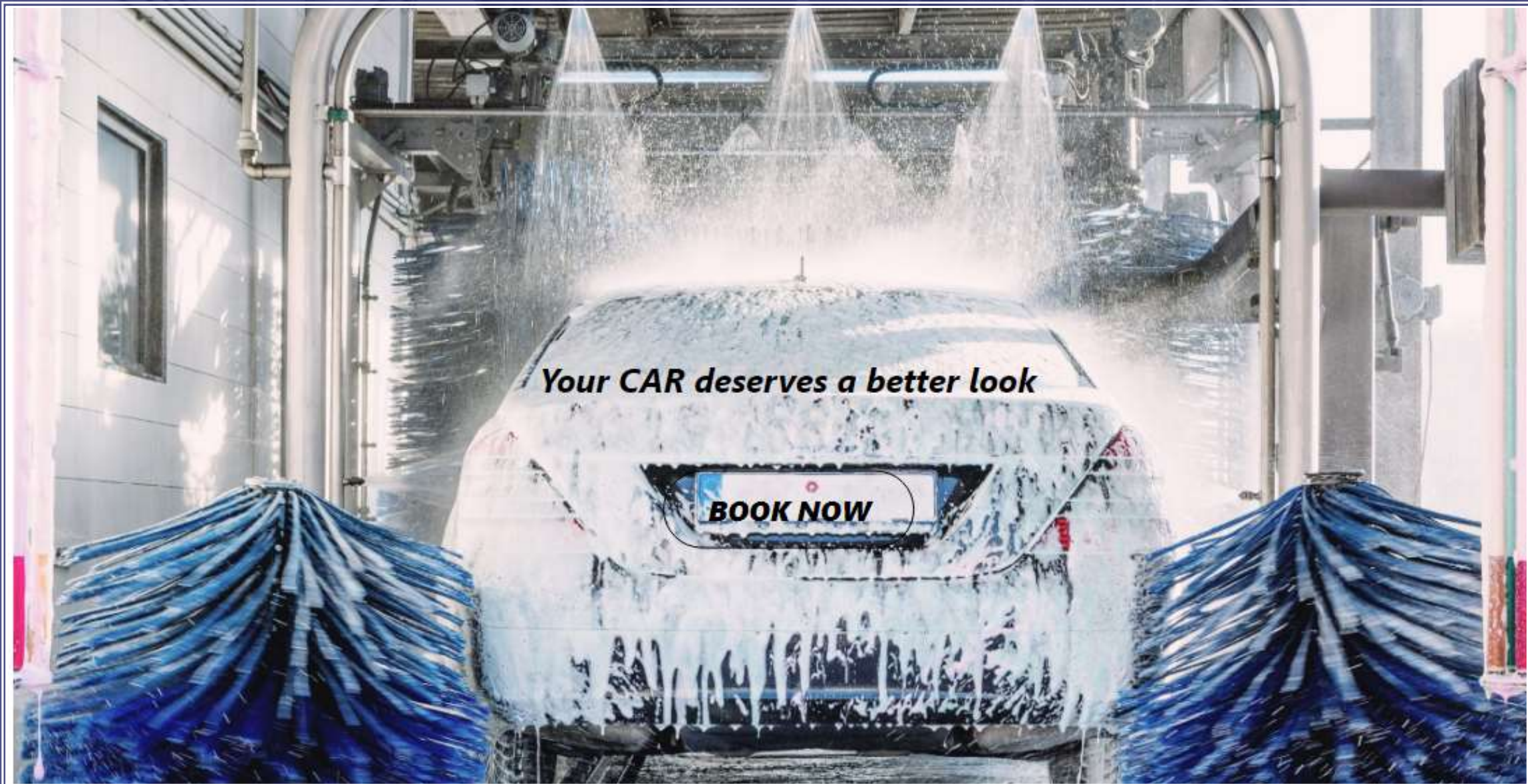
Phone No: +91 8639293390

Email Id: carwash@gmail.com

Capgemini's Copyright © 2022 . All rights reserved.

33°C Sunny

Windows Taskbar: 10:23 07-06-2022

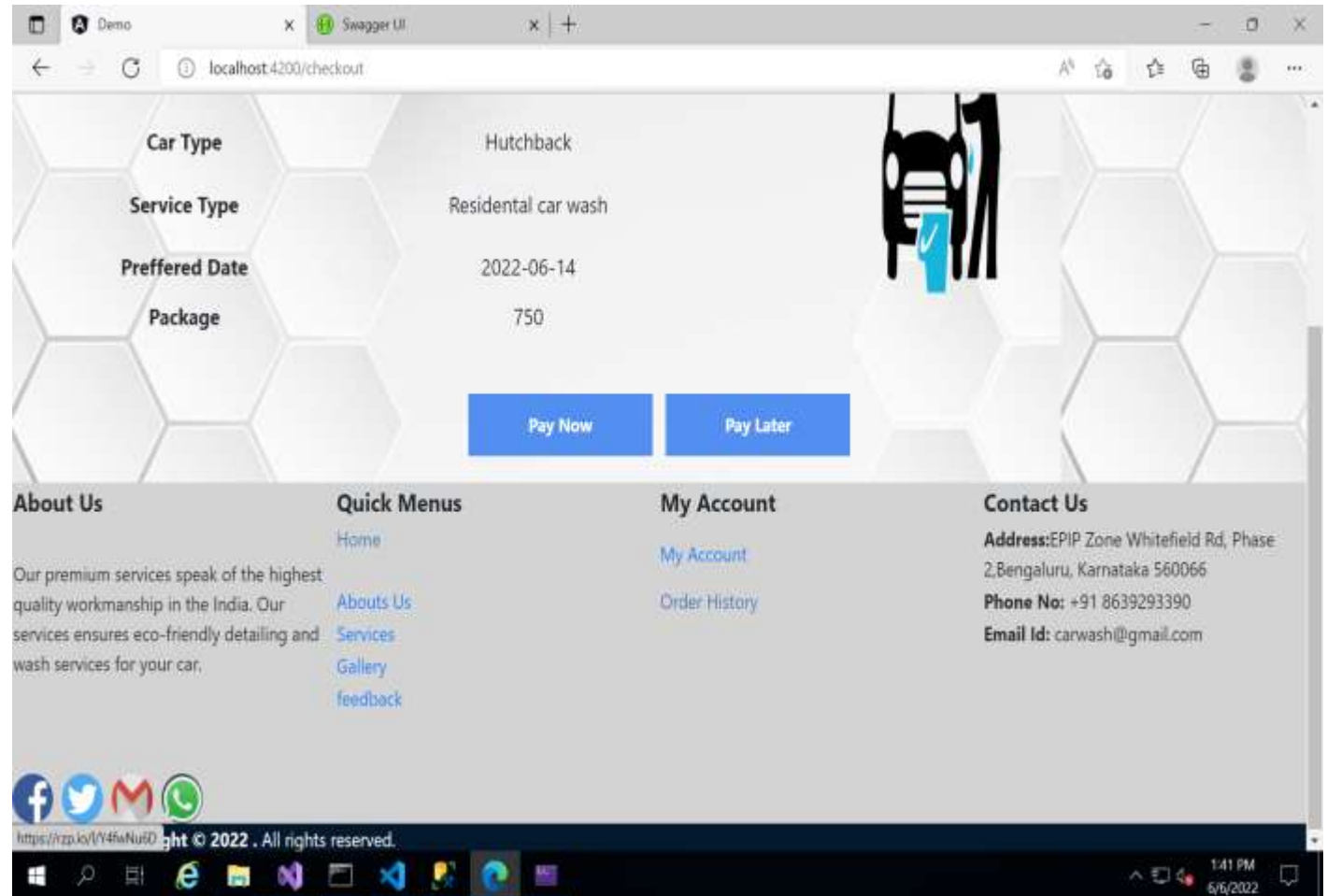


Your CAR deserves a better look

BOOK NOW

Payment Page

Click on Pay Now button
for online payment

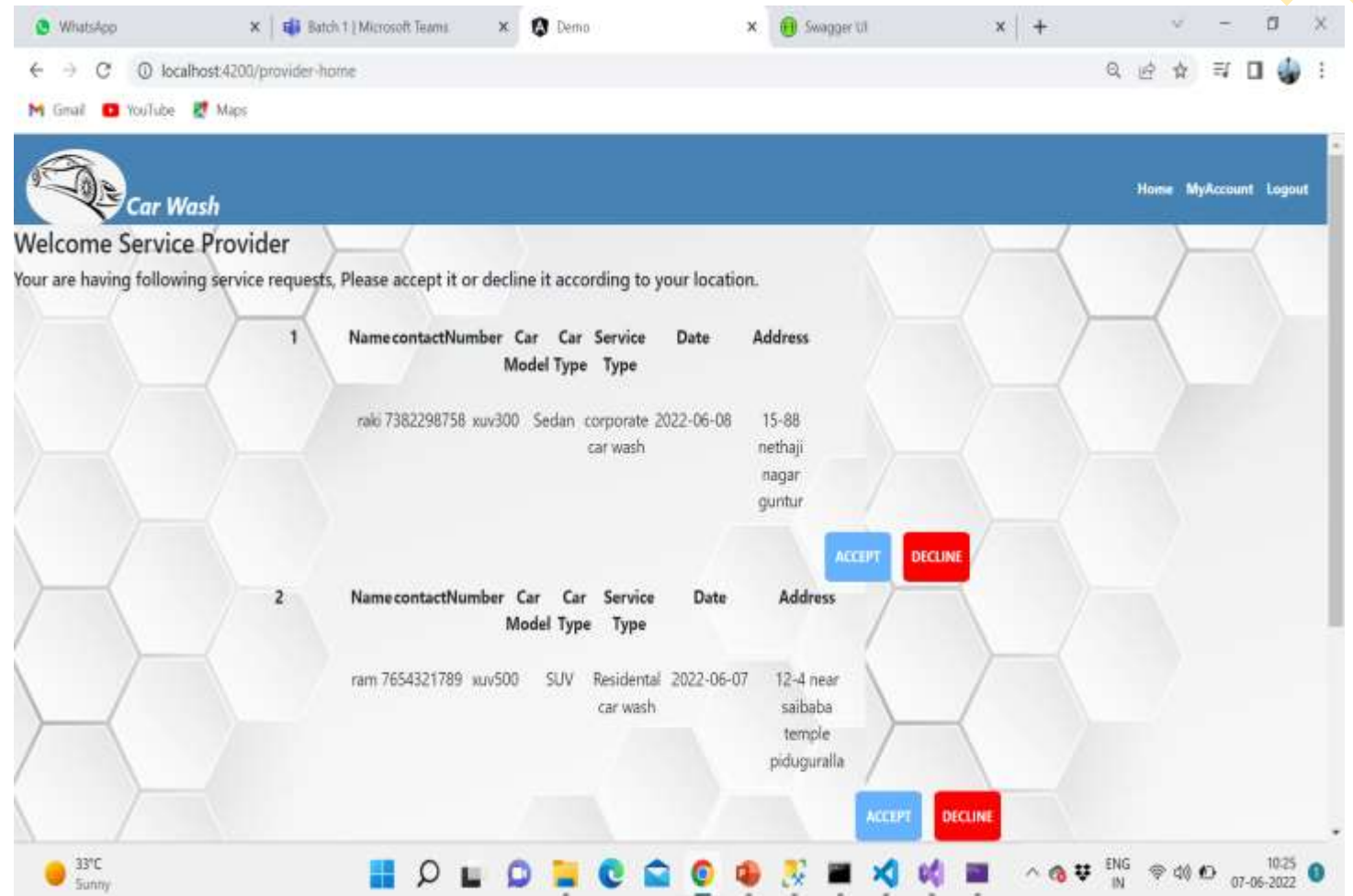


It will redirect
you to
RazorPay
payment
gateway

The screenshot shows a web browser window with the URL `pages.razorpay.com/pl_Je3nbMeIZoxwoh/view`. The browser tabs include WhatsApp, Batch 1 | Microsoft Teams, Car Wash System, and Swagger UI. The page header displays the name KORRAI BHARGAV. The main heading is "Car Wash System". A large green modal box in the center-right of the page displays a green checkmark icon, the amount "₹ 200.00", and the text "Payment Successful!". Below this, it says "Share Your Experience" with icons for Facebook, Twitter, and WhatsApp. At the bottom of the modal, it shows the "Payment ID: pay_JeTkuUnE5Omtpg" and a note: "A confirmation email has been sent to you". On the left side of the page, under "Contact Us:", there is an email address `korraibhargav001@gmail.com` and a phone number `8639293390`. Below that, under "Terms & Conditions:", it states "You agree to share information entered on this page with". The Windows taskbar at the bottom shows the date as 07-06-2022 and the time as 10:22.

ACCEPT AND REJECT PAGE

- AFTER LOG IN AS A SERVICE PROVIDER A LIST OF ORDERS IS DISPLAYED, YOU MAY ACCEPT OR DECLINE THE ORDER



The screenshot shows a web application interface for a car wash service provider. The page has a blue header with the 'Car Wash' logo and navigation links: Home, MyAccount, and Logout. Below the header, a welcome message reads: 'Welcome Service Provider' and 'Your are having following service requests, Please accept it or decline it according to your location.' The main content area displays two service requests, each with a table of details and 'ACCEPT'/'DECLINE' buttons.

Request 1:

Name	contactNumber	Car Model	Car Type	Service Type	Date	Address
raki	7382298758	xuv300	Sedan	corporate car wash	2022-06-08	15-88 nethaji nagar guntur

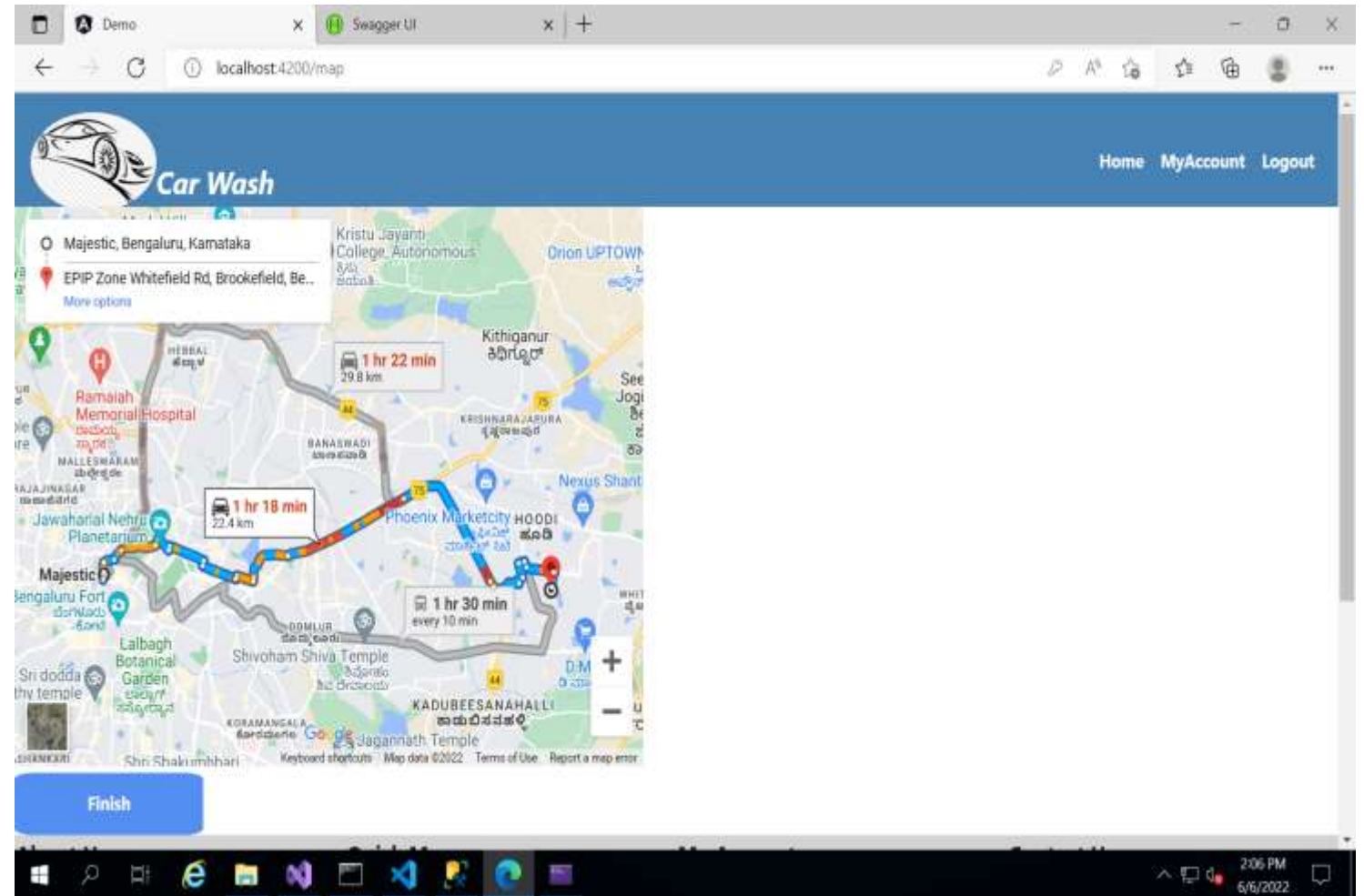
Request 2:

Name	contactNumber	Car Model	Car Type	Service Type	Date	Address
ram	7654321789	xuv500	SUV	Residential car wash	2022-06-07	12-4 near saibaba temple piduguralla

The interface includes a taskbar at the bottom showing the system clock as 10:25 on 07-06-2022, and a weather widget indicating 33°C Sunny.

MAP Display Location

After accepting an Order the address of Customer will be Displayed Here




Customer Feedback

Demo

localhost:4200/cust-rating

Home Login Register

 Car Wash

Ratings form for **Customer**

Please fill in this form to rating our service.

First name:

Choose a rating number: 6

FeedBack Comments:

[Submit](#)

already a customer? [Click here](#)

About Us Quick Menus My Account Contact Us

10:25 AM 6/6/2022

CONCLUSION

- The Main Objective of this Project to flexible the Car Wash . Whether it's your home, salon, office or any other place, your car wash is just a few taps away. Few moments spend in signup can save your valuable time. All you need to do is just enter your car, address, and payment details. A washer will come at your location and give your car a premium wash.



REFERENCES

- [HTTPS://WWW.W3SCHOOLS.COM/HTML/](https://www.w3schools.com/html/)
- [HTTPS://WWW.W3SCHOOLS.COM/W3CSS/](https://www.w3schools.com/w3css/)
- [HTTPS://WWW.W3SCHOOLS.COM/JS/](https://www.w3schools.com/js/)
- [HTTPS://CODEWITHMOSH.COM/P/THE-ULTIMATE-TYPESCRIPT](https://codewithmosh.com/p/the-ultimate-typescript/)
- [HTTPS://PROGRAMMINGWITHMOSH.COM/ANGULAR/](https://programmingwithmosh.com/angular/)
- [HTTPS://WWW.TUTORIALSTEACHER.COM/WEBAPI](https://www.tutorialsteacher.com/webapi/)
- [HTTPS://WWW.PLURALSIGHT.COM/PATHS/ASPNET-CORE](https://www.pluralsight.com/paths/aspnet-core/)
- [HTTPS://CODEWITHMOSH.COM/P/ENTITY-FRAMEWORK](https://codewithmosh.com/p/entity-framework/)
- [HTTP://WWW.SOFTWARETESTINGHELP.COM/](http://www.softwaretestinghelp.com/)
- [HTTPS://WWW.GURU99.COM/](https://www.guru99.com/)
- [HTTPS://WWW.GEEKSFORGEEKS.ORG/](https://www.geeksforgeeks.org/)



• Sudesh Kamalanathan

Analyst/Software Engineer

Base Location: Bangalore

Email ID: .

Mobile No: • +91 9789894419

Grade: A4



Strengths

- **Full Stack Developer**
- Hands on experience on **C#,ADO.NET,LINQ,Entity framework,Sql Server,ASP.NET MVC5 with WEB API**
- Full Stack developer with Angular and Full Stack .NET Developer
- Proficient in creating **Single page Web** Application in **Angular** with Authentication with routing.
- Hands on experience in developing web pages using **HTML5, CSS3, Object Oriented Java script, TypeScript, ES6, JSON, XML**. Good understanding of Document Object Model (DOM) and DOM Functions.
- Knowledge on SSMS and Git



Achievement

- **Car Wash Management System [Video Profile]**



Case study of Car Wash Management System along with API Gateway, Swagger and payment , responsive UI with HTML5, CSS, Bootstrap and Angular used as User Interface.



Check out my work on GitHub

Education and certificates

Bachelor of Engineering, Computer Science and Engineering : 2016 - 2020

Skills

C#	C#Basics,OOPS,Generics, Collections, Array,Loops,LINQ
.NET	ADO.NET,ASP.NET with MVC5 and WEB API,Entity Framework
Angular	Components, Services, Modules, Routing, Forms & Validation
Databas e	Microsoft SQL Server
UI Tech	HTML 5 & CSS 3,JavaScript, ES6 & TypeScript ,Optimized UI Designed,Bootstrap
Tools	Git, PostMan,SSMS,Visual Studio, Visual Studio Code
Add On skills	Immersive Learning



thank
you