

Car Rental System



L.J. Institute of Computer Application

GROUP NO:
MCA_2_13

Internal Guide:
Het Rachh

Project By:-

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GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)

COMPLETION CERTIFICATE



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Software Project -1 completion MCA2_13

1 message

Het Rachh <hetrachh20@gmail.com>
To: sm4870982@gmail.com

29 July 2021 at 20:26

This is to acknowledge

205170694116	Mansuri Mohammed Sufyan Mohammed Taufiq
205170694099	Patel Harshil Rakeshbhai
205170694104	Shahu Dipakkumar Harishbhai

Successfully completed project and documentation

Thanks and Regards
Het Rachh

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Introduction

1. Introduction

Car rental system allows individuals to book a self-drive rental car by the day, week, or month. It seamlessly integrates into any platform as it is a web app. Our service enables users to rent cars for traveling in the city or outstation.

1.1. Existing System

Currently users book car using the traditional manual system of vehicle reservation through calling or visiting at store.

1.2. Need For the New System

To eliminates the risk of erroneous booking and reduce overall lead time online booking system needed.

1.3. Objectives of the New System

The objective of the project is to automate vehicle rental reservation so that the customers do not need to call and spend unnecessary time to reserve a vehicle. And for the company process become easier to manage bookings and cars on system rather than manual.

- Customer is only needed to provide Aadhar number instead of submitting Identity document.

1.4. Problem Statement

Customer inquire the company to rent a car. Admin validates the request and ask for security proof. Company asks customer to pay security deposit. After validating the request company can approve or reject car rental request with valid reasons. Then customer is asked to pay booking amount in advance or after the completion of booking. Security proof is returned to the customer after booking period.

1.5. Core Components

Core components of this project are

➤ **User module**

- Login/Logout.
- View fleet.
- View their transaction history.
- View & manage their account details.
- View & give testimonial.
- Request inquiry.

➤ **Admin module**

- Login/Logout.
- Admin can manage fleet.
- Manage bookings.
- Manage users.
- View testimonials.
- Manage inquiries.

➤ **Visitor module**

- Register.
- View fleet.
- View Testimonials.
- Request inquiry.

Customers can submit the request, see the status of their request anytime as this system works online.

As the data is saved in database it is easy for admin to generate reports. As it can be done easily in this system.

1.5. Project Profile

➤ **Name:** Car Rental System

➤ **Technologies:**

- Front End: HTML, CSS, JavaScript
- Back End: Django (Python)
- Database: MySQL

1.7. Assumptions and Constraints

➤ Assumptions

- All group members have required skills.
- All of the PC/Laptops are in good conditions.
- All needed resources will be available.
- Active internet connection is available to all members.

➤ Constraints

- Project needs to completed in the span of two months.
- Group members need to learn Django.
- We need to take references from websites as local business can't be visited due to current ongoing pandemic situation.

1.8. Advantages and Limitations of Proposed System

➤ Advantages

- Automated System
- Saves time and cost
- The car rental system present instant support to the clients.
- The car rental system gives an easy booking facility for the clients.
- The receipts can be easily generated from the rental system.
- The clients can make advance payment online and bookings for the cars.

➤ Limitations

- Internet Connectivity
- Limited Pickup & Drop Points
- GPS tracking

Requirement Determination & Analysis

2.1. Requirement Determination

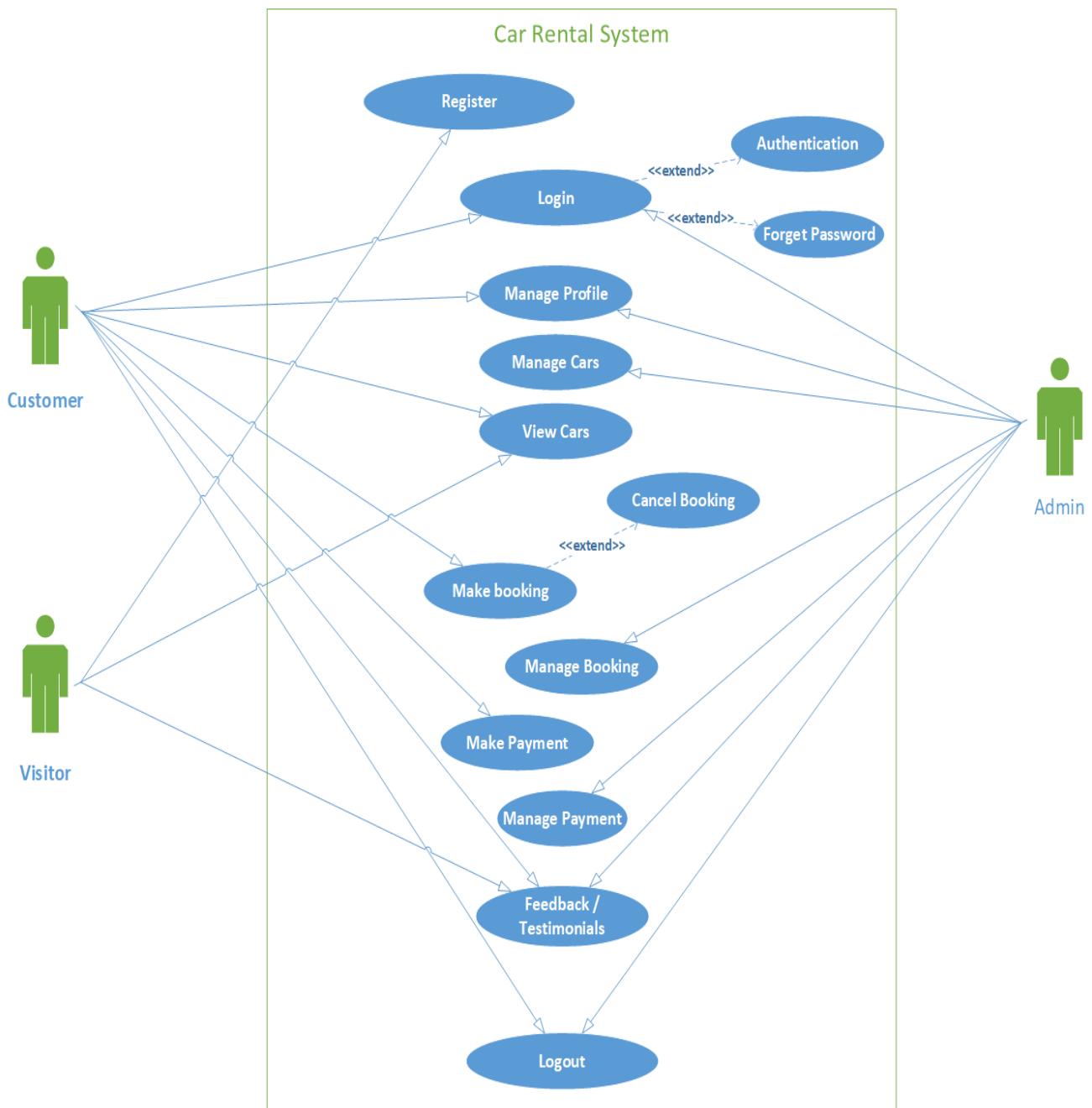
The existing system that is manual, customers contact the company for booking. Customers submits identity document and pay security deposit and receipt is given to them for their booking. We decided to use Zoom Car as reference. Then our project team determined the system can be built with fulfilled requirements using Django framework.

2.2. Targeted Users

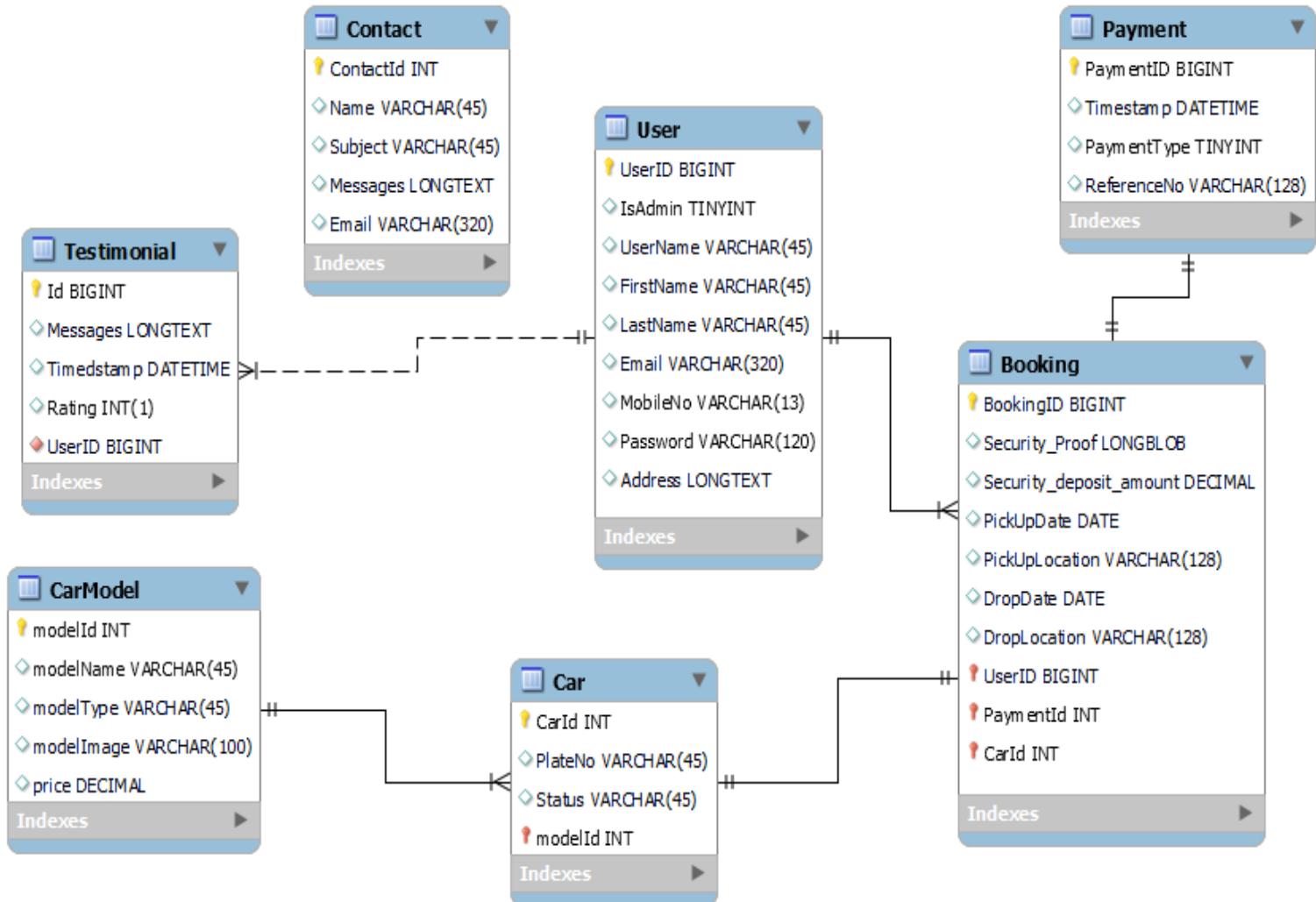
- User
- Visitor
- Admin

System Design

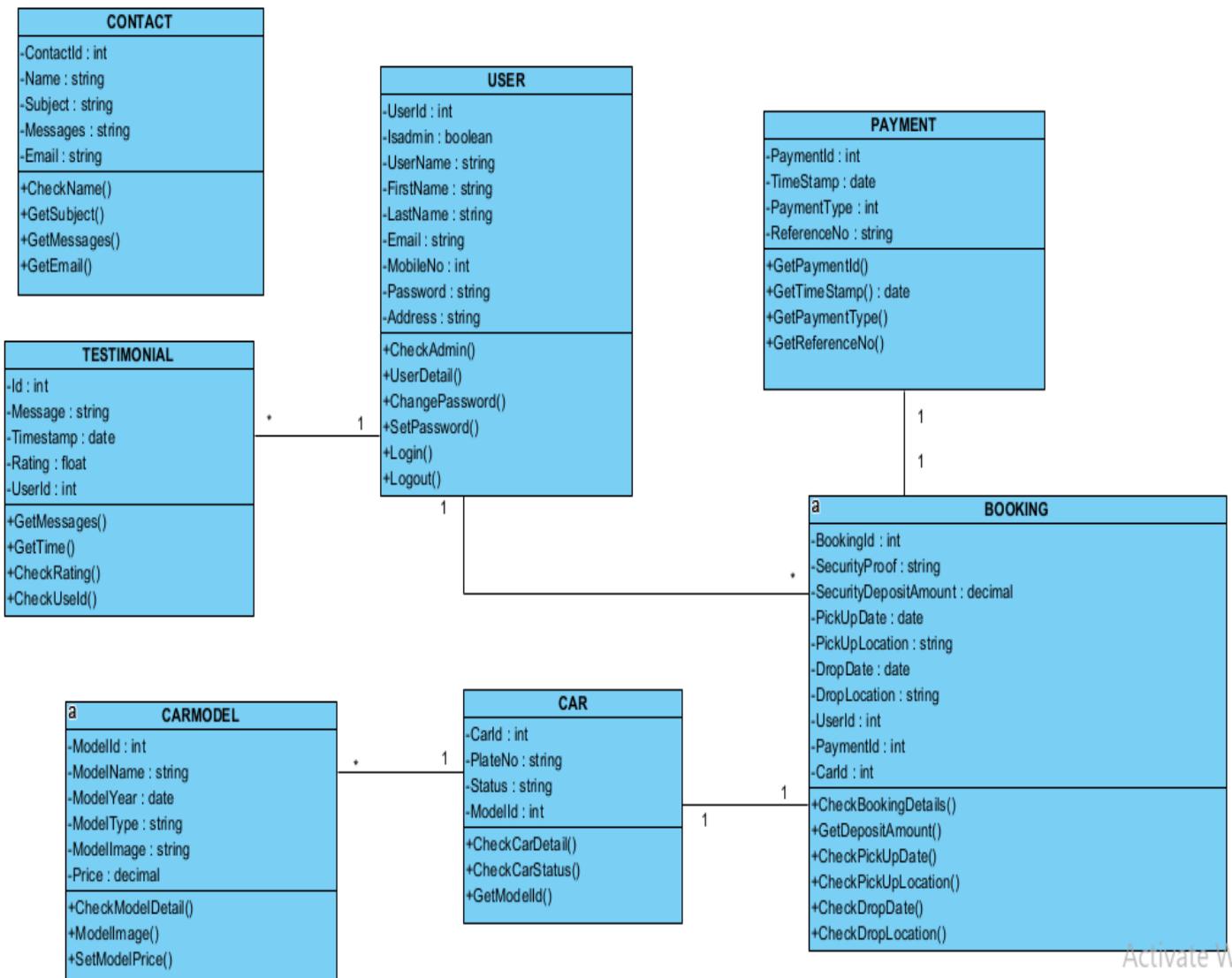
3.1. Use Case Diagram



3.2. ER Diagram

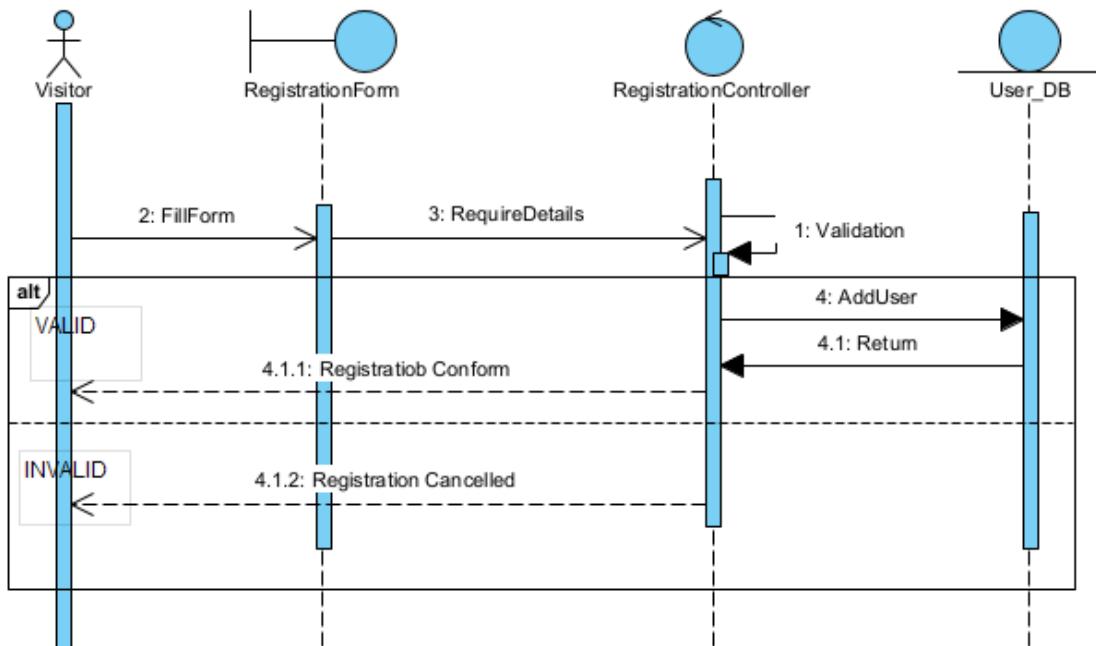


3.3. Class Diagram

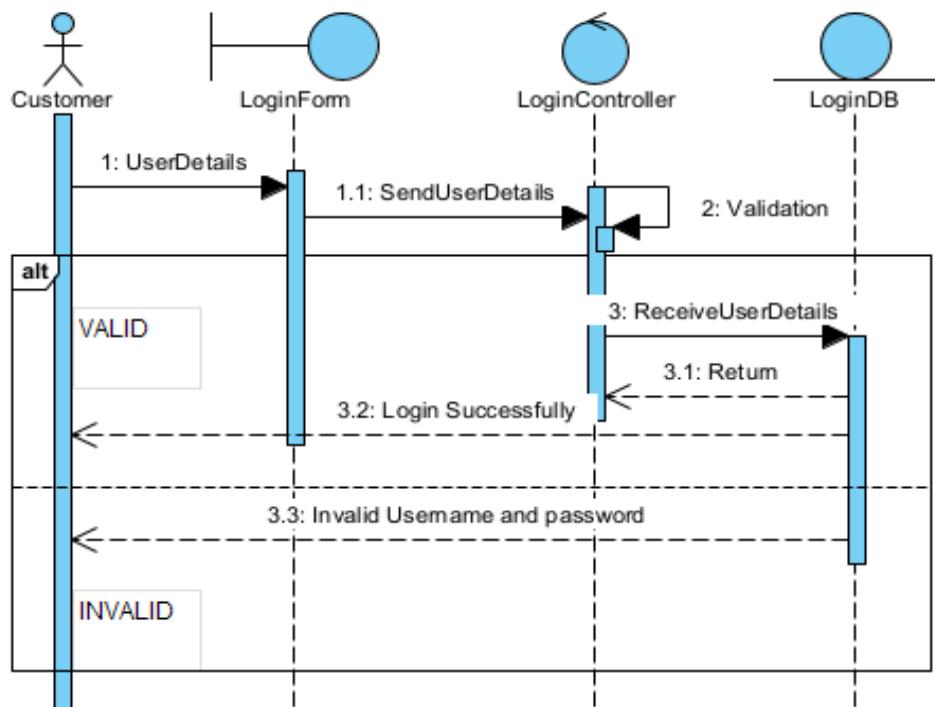


3.4. Interaction Diagram

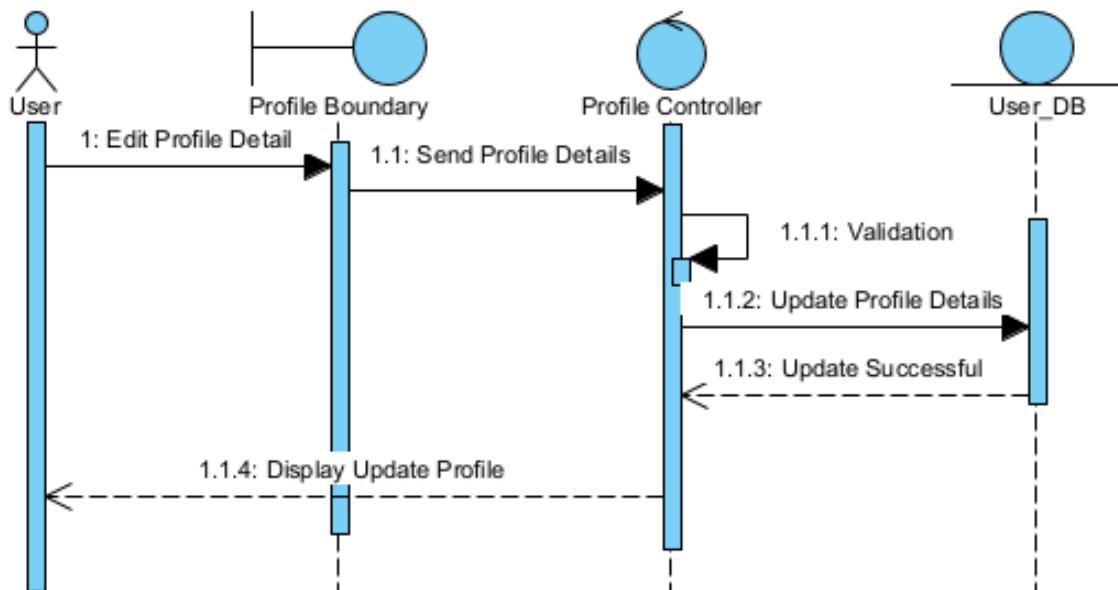
REGISTRATION



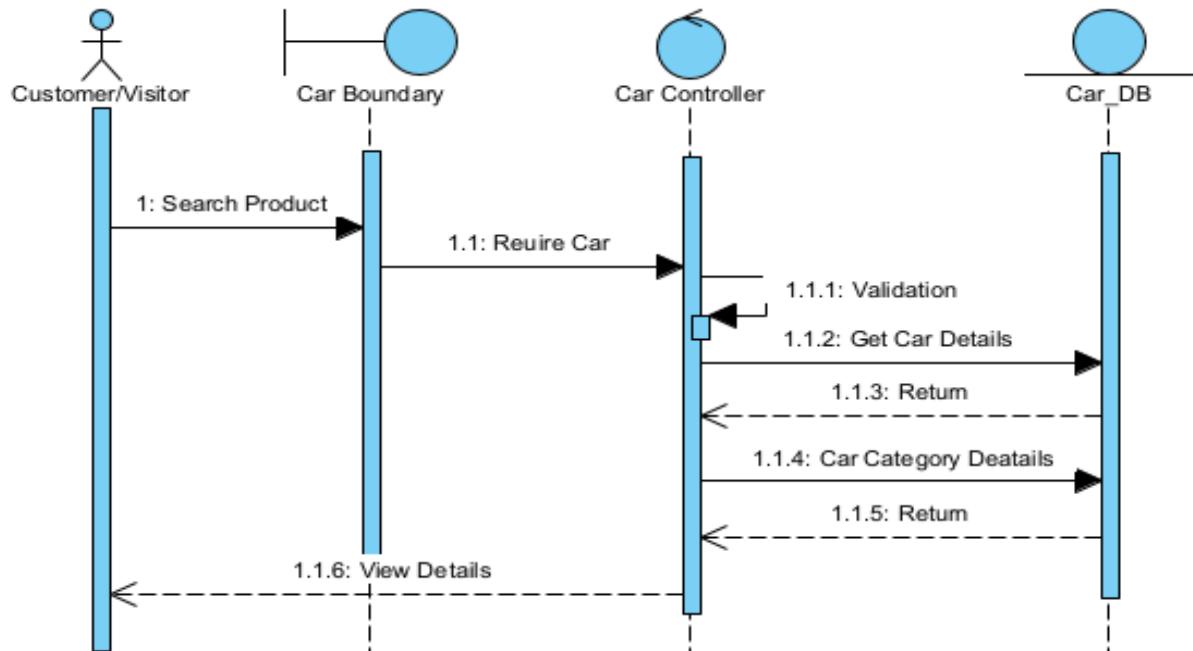
LOGIN



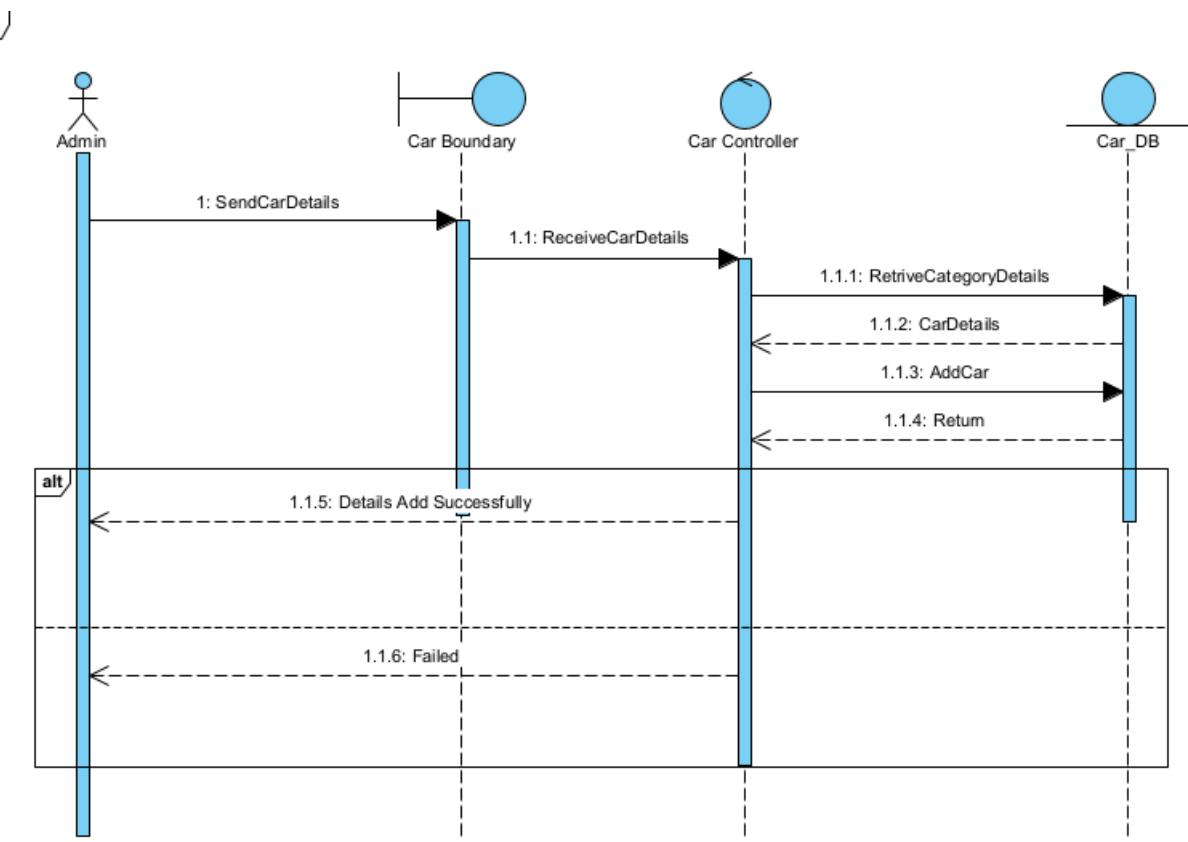
MANAGE PROFILE



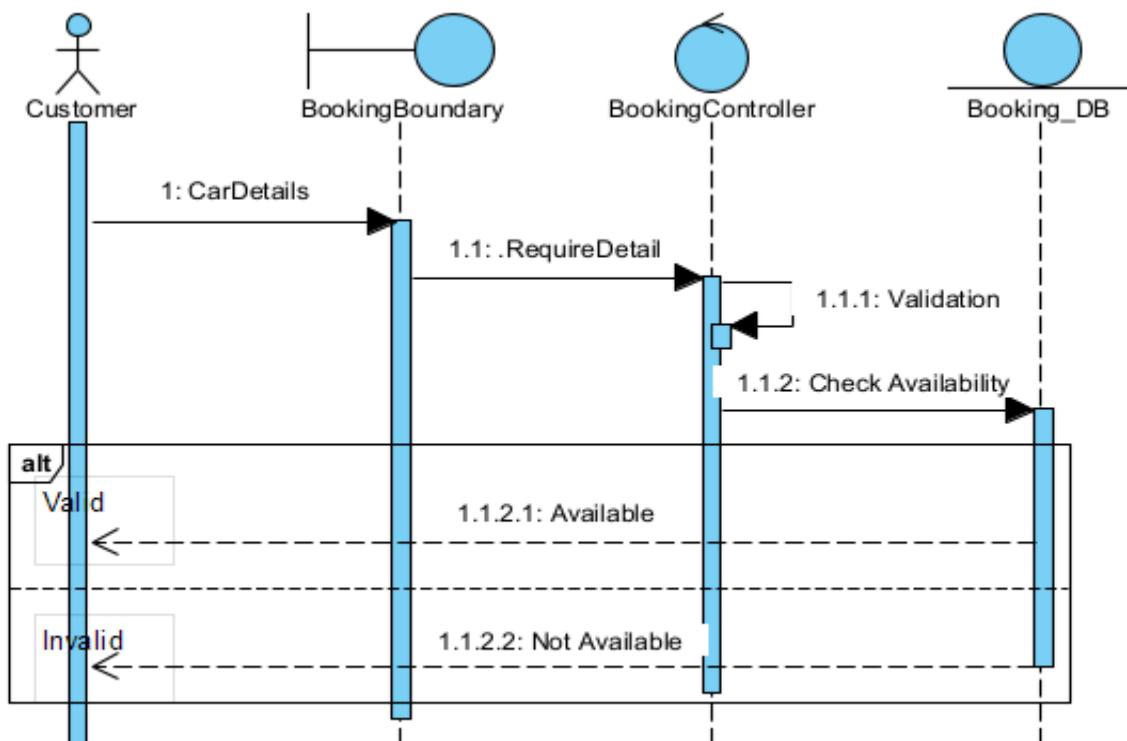
VIEW CAR



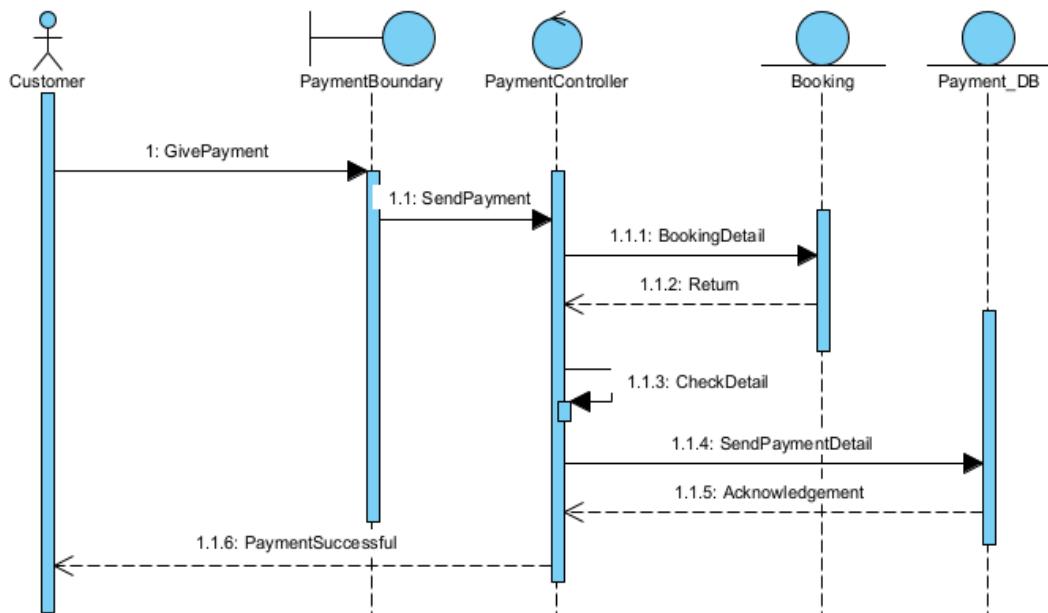
MANAGE CAR



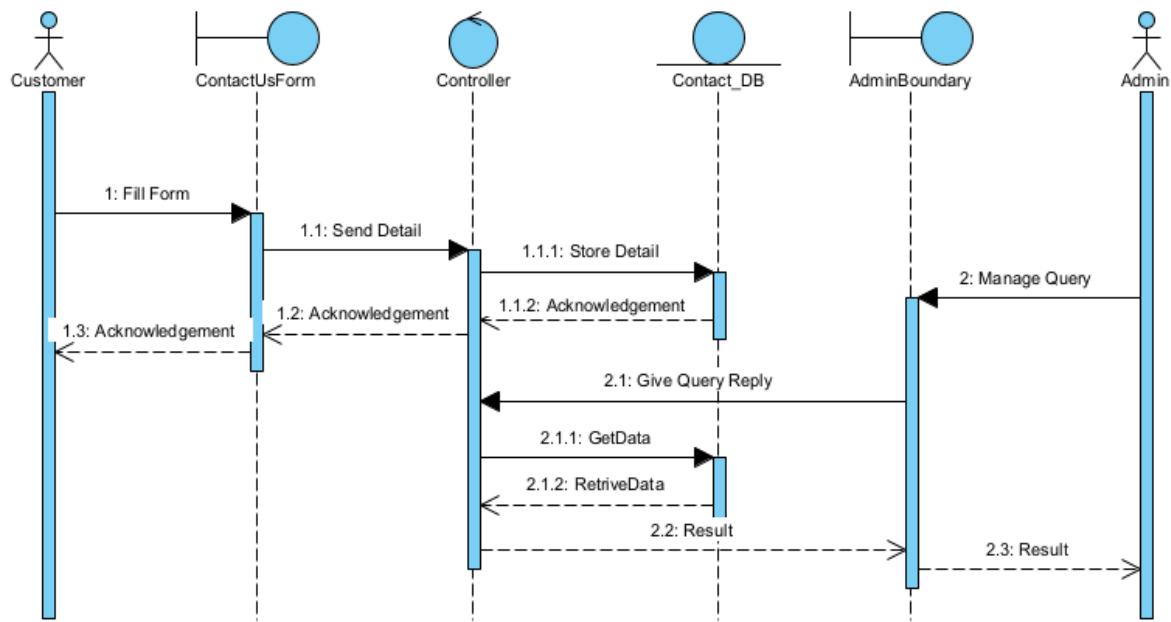
Booking CAR



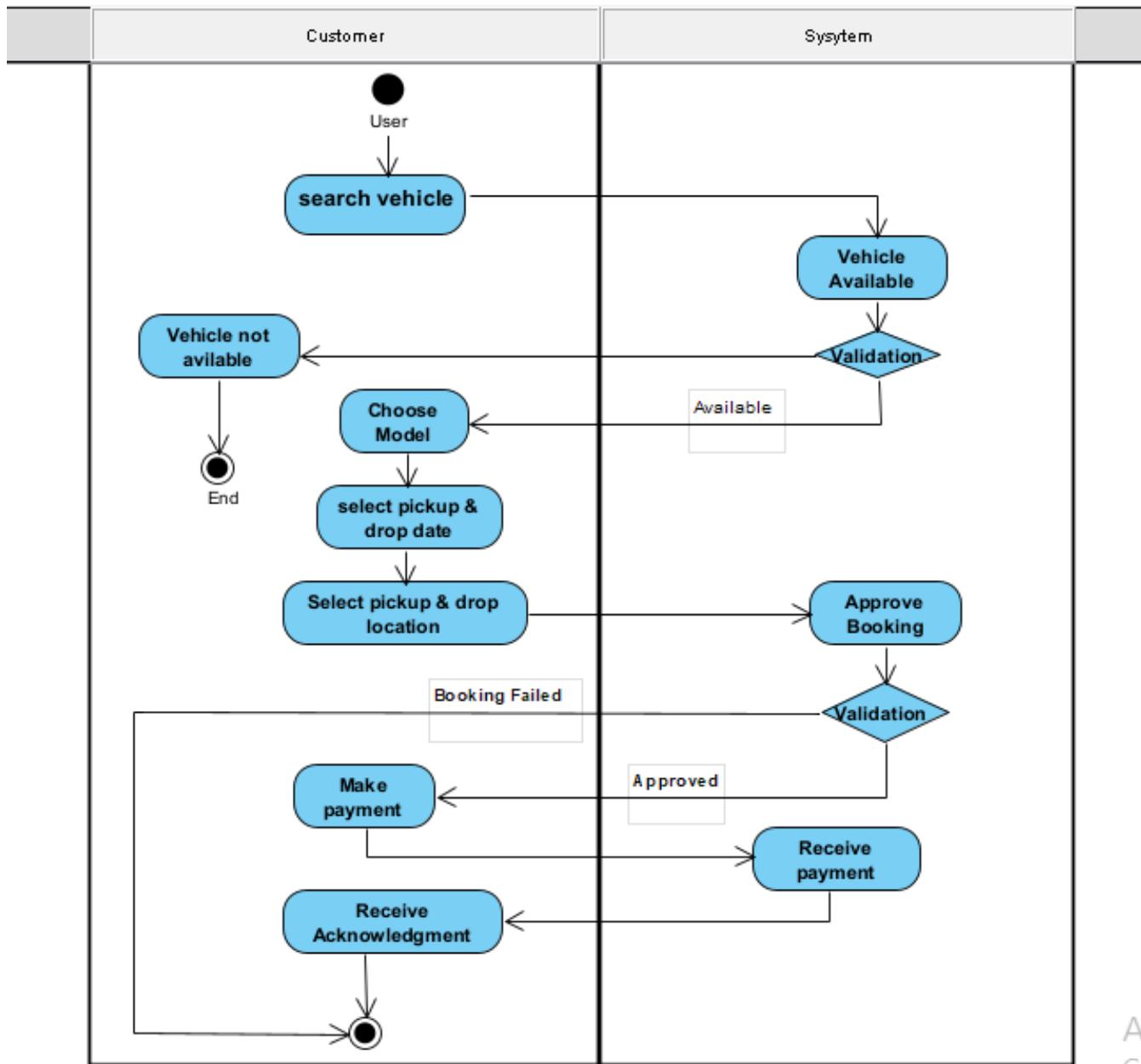
MAKE PAYMENT



TESTIMONIAL



3.5. Activity Diagram



3.6. Data Dictionary

Table Name: User

Table Description: stores the user information.

Column	Type	Constraints	Description	Sample Data
UserId	BIGINT(15)	PIMARY KEY	Id of user	1
IsAdmin	TINYINT(1)	NOT NULL	Role of user 0: Admin, 1: Not Admin	1
UserName	VARCHAR(45)	NOT NULL, UNIQUE	Website Name of user	dipakShahu
FirstName	VARCHAR(45)	-	Name of user	Dipak
LastName	VARCHAR(45)	-	Last name of user	Shahu
Email	VARCHAR(320)	NOT NULL, UNIQUE	Email of user	ds@gmail.com
MobileNo	VARCHAR(13)	UNIQUE	Mobile no of user	+917926199912
Password	VARCHAR(120)	NOT NULL	Password of user account	pbkdf2_sha256\$260000...
Address	LONGTEXT	-	Address of user	B/20, Gota, Ahmedabad, Gujarat

Table Name: Booking

Table Description: stores the booking details.

Column	Type	Constraints	Description	Sample Data
BookingId	BIGINT(15)	PRIMARY KEY	Id of Booking	1
SecurityProof	LONGBLOB	NOT NULL	Id proof of user	booking-security Proof.bin
SecurityDepositAmount	DECIMAL(7,2)	NOT NULL	Deposit amount	2499.00
PickUpDate	DATE	NOT NULL	Car Pick up date	2021-07-13
PickUpLocation	VARCHAR(128)	NOT NULL	Pick up location	Ahmedabad Railway-station
DropDate	DATE	NOT NULL	Car Drop date	2021-07-18
DropLocation	VARCHAR(128)	NOT NULL	Drop location	Ahmedabad Railway-station
UserId	BIGINT(15)	FOREIGN KEY	Reference of user table	1
PaymentId	BIGINT(15)	FOREIGN KEY	Reference of user payment	1
CarId	INT(11)	FOREIGN KEY	Id of car	1

Table Name: Car**Table Description:** stores the car details.

Column	Type	Constraints	Description	Sample Data
CarId	INT (11)	PRIMARY KEY	Id of car	1
PlateNo	VARCHAR(10)	NOT NULL	Plateno of car	GJ01VH1234
Status	TINYINT(1)	NOT NULL	Status of car 0: Available, 1: Booked, 2: Maintenance	0
ModelId	INT(11)	FOREIGN KEY	Reference of model table	1

Table Name: Car Model**Table Description:** stores the car information.

Column	Type	Constraints	Description	Sample Data
ModelId	INT(11)	PRIMARY KEY	Id of model	1
ModelName	VARCHAR(45)	NOT NULL	Name of model	Hundai i10
ModelType	VARCHAR(45)	NOT NULL	Modeltype of car	Hatchback
ModelImage	VARCHAR(100)	NOT NULL	Image of car	media/blog-4-720x480_U51gd2E.jpg
Price	DECIMAL(7,2)	NOT NULL	Price of car	1350.00

Table Name: Testimonial

Table Description: stores the user information.

Column	Type	Constraints	Description	Sample Data
TestimonanialId	BIGINT(15)	PRIMARY KEY	Id of testimonial	1
Message	LONGTEXT	NOT NULL	Messages of user	Hello World
Timestamp	DATETIME	NOT NULL	Date and time of user	2021-07-09 16:26:42.210756
Rating	TINYINT(1)	NOT NULL, Rating >= 1 and Rating <= 5	Rating of user	5
UserId	BIGINT(15)	FOREIGN KEY	Reference of user table	1

Table Name: Payment

Table Description: stores the payment details.

Column	Type	Constraints	Description	Sample Data
PaymentId	BIGINT(15)	PRIMARY KEY	Id of Payment	1
Timestamp	DATETIME	NOT NULL	Date and time of user	2021-07-09 16:26:42.210756

PaymentType	TINYINT(1)	NOT NULL	Type of payment	1
ReferenceNo	VARCHAR(128)	NOT NULL	Reference number of payment	ipi_1IH5Vo2eZvKYlo2CKPRLvsz3

Table Name: Contact

Table Description: stores the contact data filled by user or visitor.

Column	Type	Constraints	Description	Sample Data
ContactId	INT(15)	PRIMARY KEY	Id of Payment	1
Name	VARCHAR(45)	NOT NULL	Name of user	Dipak
Subject	VARCHAR(45)	NOT NULL	Subject of contact	Car inquiry
Message	LONGTEXT	NOT NULL	Message fo subject	"Hello world!"
Email	VARCHAR(320)	NOT NULL	Email of user	ds9952@gmail.com

Development

Development of this project started with a user interface, the work of select a user interface was given to Dipak Shahu, he would select a simple user-friendly interface where user can have options suitable for him / her. After user interface the basic functionality like login and logout was to be made. The login and logout functionality were done by Sufyan Mansuri. Then after login user would have basic options like home page, submit request, change password and logout. These form layouts were designed by Harshil Patel. The request submission form with validations and storing in database and application logic were made by Sufyan Mansuri. Change password functionality was made by Sufyan Mansuri. And documents were made by Dipak Shahu and Harshil Patel.

These modules were made and tested independently and then integrated using git to make the whole system. GitHub was used to store repository remotely.

4.1. Coding Standards

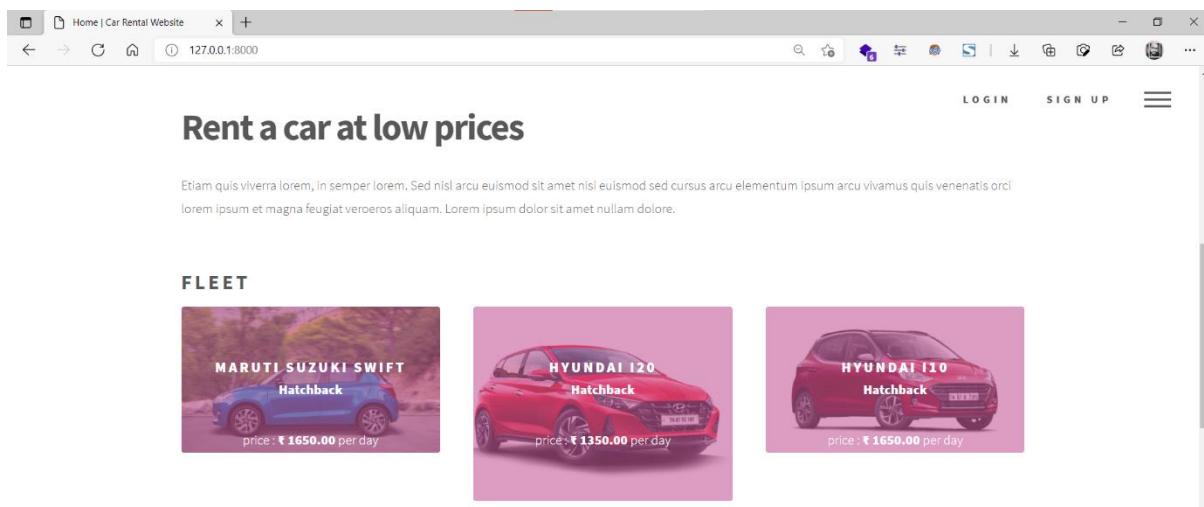
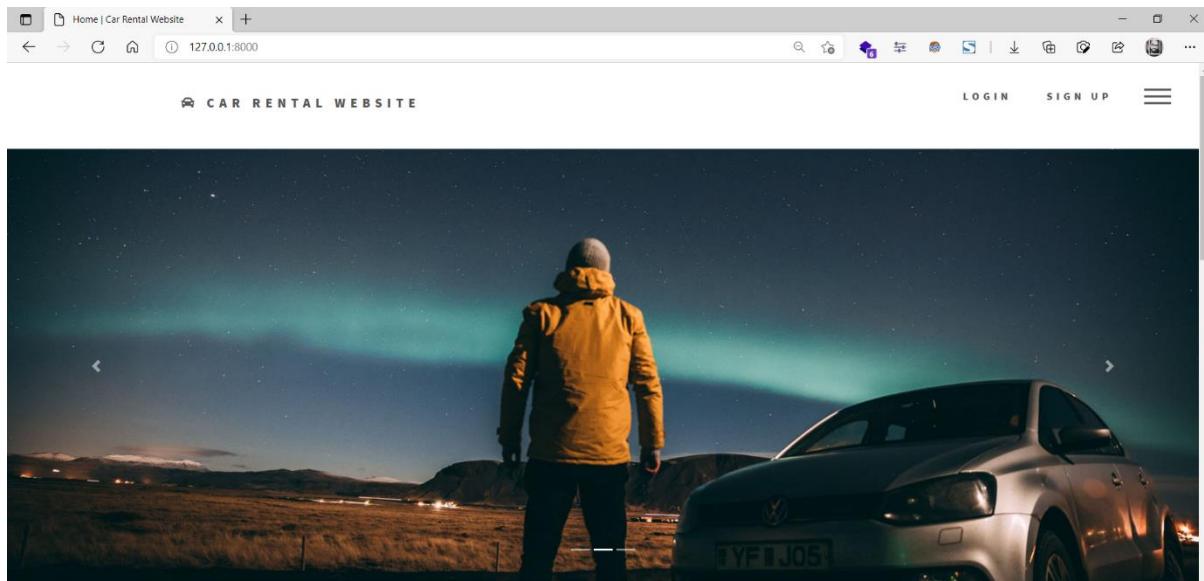
Coding standard of this projects were

- At Least one blank line between functions.
- At least two blank lines between classes.
- Proper Indentation in every type of file.
- Single space before and after operators, except in parameters.
- Every item on new line in case of lists, dictionaries, etc.
- Every word should be case sensitive in variable and function names.

4.2. Screenshots

Index Page:

This page is shown when someone visits the website.



TESTIMONIALS

Rahul Sharma

Rohit Kumar

[Read More →](#)

CAR RENTAL WEBSITE

USEFUL LINKS

- Team
- FAQs
- Terms

CONTACT INFO

- contact@company.com
- +1 333 4040 5566
- 212 Barrington Court New York, ABC 10001
United States of America

Fleet:

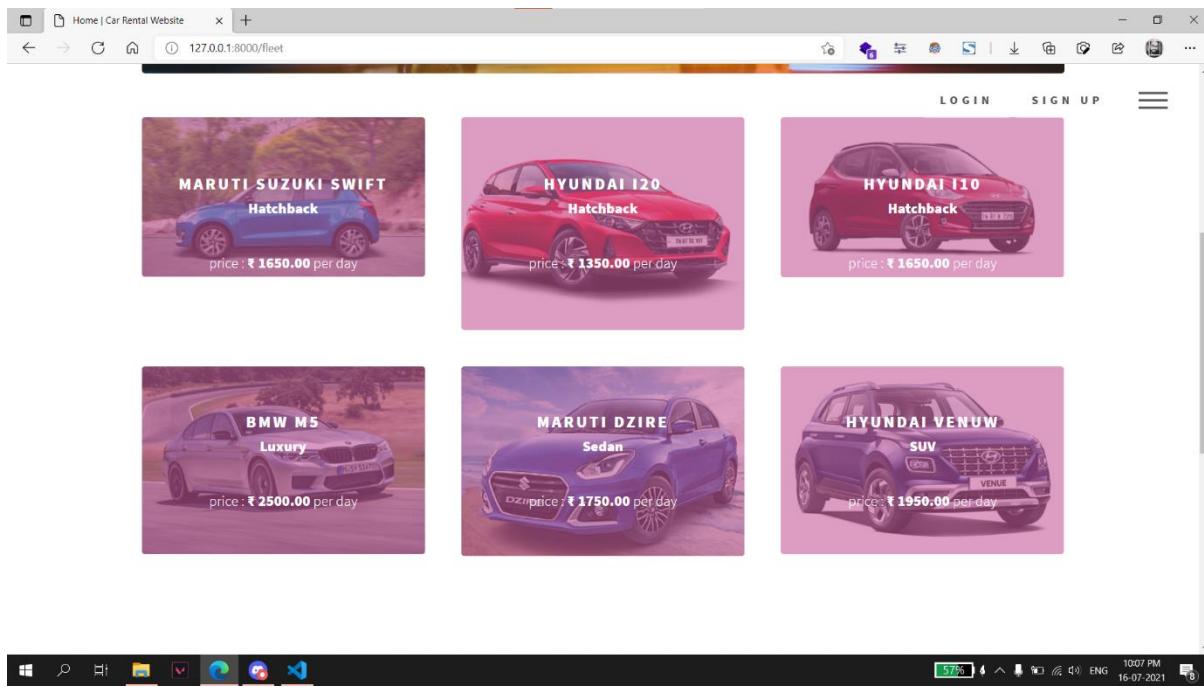
Cars are displayed on this page.

Fleet

MARUTI SUZUKI SWIFT
Hatchback

HYUNDAI i20
Hatchback

HYUNDAI i10
Hatchback



About Us:

Information regarding the website is shown on this page.

The screenshot shows a web browser window displaying the 'About Us' page of the car rental website. The page has a header with the website logo and navigation links for 'LOGIN' and 'SIGN UP'. The main content area features a large, blurred image of a white sedan driving at night. Below the image is a block of placeholder text (Lorem ipsum) in Latin, which typically serves as a dummy text for design purposes.

Donec eget ex magna. Interdum et malesuada fames ac ante ipsum primis in faucibus. Pellentesque venenatis dolor imperdiet dolor mattis sagittis. Praesent rutrum sem diam, vitae egestas enim auctor sit amet. Pellentesque leo mauris, consectetur id ipsum sit amet, fergiat. Pellentesque in mi eu massa lacinia malesuada et a elit. Donec urna ex, lacinia in purus ac, pretium pulvinar mauris. Curabitur sapien risus, commodo eget turpis at, elementum convallis elit. Pellentesque enim turpis, hendrerit tristique.

Team:

Team member details is shown on team page.

The screenshot shows the 'Team' page of a car rental website. At the top, there's a navigation bar with 'Home | Car Rental Website' and '127.0.0.1:8000/team'. On the right side of the header are 'LOGIN' and 'SIGN UP' buttons. Below the header is a large banner image of a white car driving at night, creating a blurred background effect. Underneath the banner are three circular profile pictures of team members, each with a black silhouette of a person's head against a white circle. Below each profile picture is the member's name: 'DIPAK SHAHU', 'SUFYAN MANSURI', and 'HARSHIL PATEL'. Each name is followed by small social media icons for Twitter and LinkedIn. The bottom of the screen shows a Windows taskbar with various pinned icons and a system tray indicating battery level (57%), time (10:08 PM), date (16-07-2021), and signal strength.

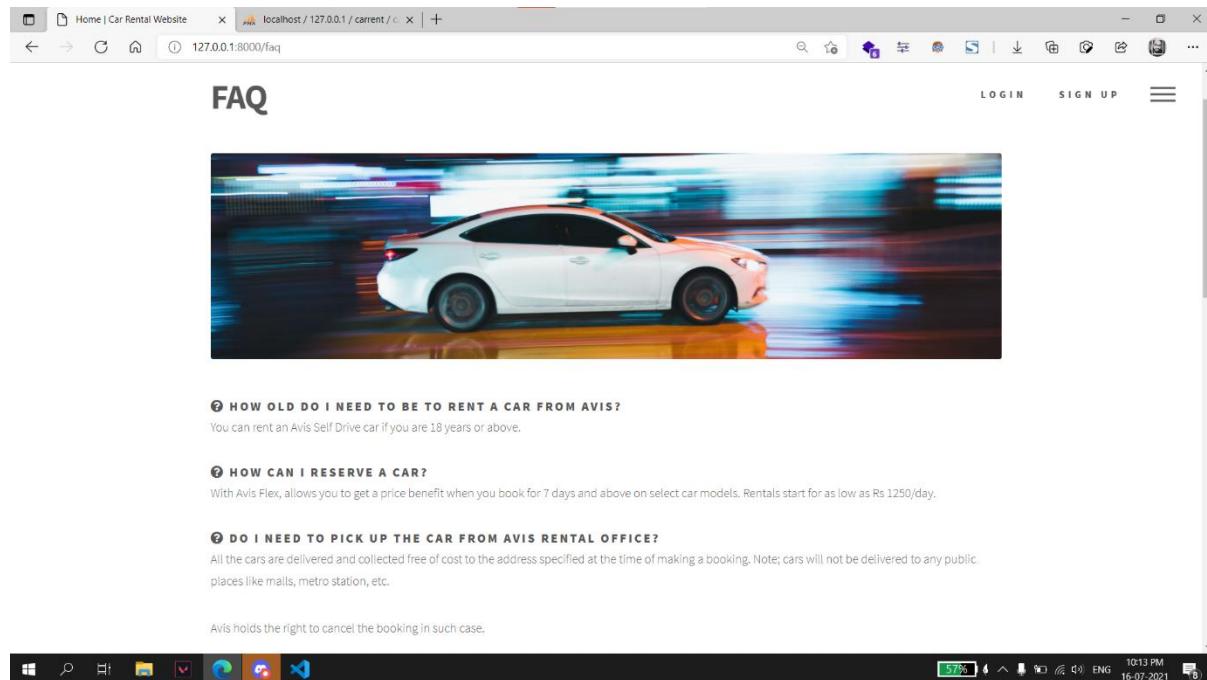
Testimonials:

Customer testimonials are displayed on this page.

The screenshot shows the 'Testimonials' page of the car rental website. At the top, there's a navigation bar with 'Home | Car Rental Website' and '127.0.0.1:8000/testimonials'. On the right side of the header are 'LOGIN' and 'SIGN UP' buttons. Below the header is a large banner image of a white car driving at night, similar to the one on the Team page. Underneath the banner are two testimonial quotes. The first quote is from 'Rahul Sharma' located in Ahmedabad, who says: 'Thank you for a great rental of your car. We had a great time in Ahmedabad, and your car make the time much better. The car was very easy to drive and we like it very much. Thank you for the rental, we will come back next time we come to Ahmedabad.' The second quote is from 'Rishu Verma' located in Ahmedabad, who says: 'Firstly, I am absolutely delighted with the car and the service that I received when I collected it on Saturday - I was very impressed; thank you!'. Both quotes end with a small note about the location: 'Ahmedabad' and 'Rohit Kumar'. The bottom of the screen shows a Windows taskbar with various pinned icons and a system tray indicating battery level (57%), time (10:12 PM), date (16-07-2021), and signal strength.

FAQ:

Frequently asked questions about the service and their answers are displayed on this page.



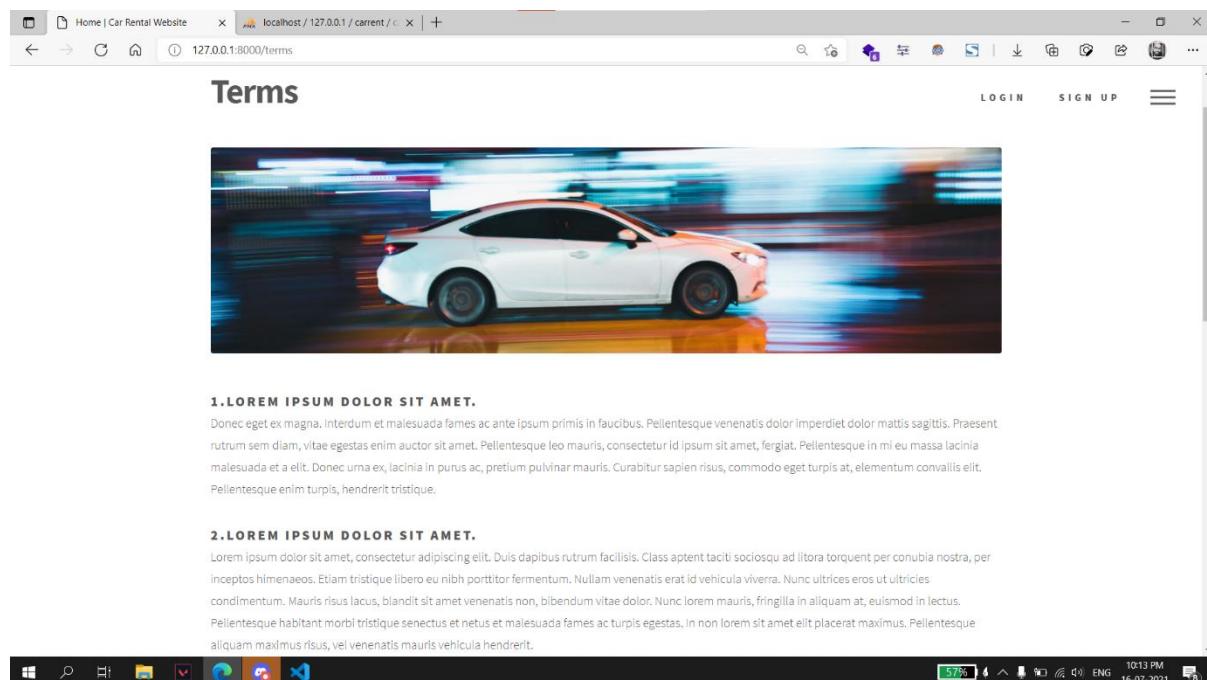
The screenshot shows a web browser window with the URL 127.0.0.1:8000/faq. The page title is "FAQ". At the top right are "LOGIN" and "SIGN UP" buttons. Below the title is a large, blurred image of a white car driving at night. The main content area contains several frequently asked questions with icons and short answers:

- Q HOW OLD DO I NEED TO BE TO RENT A CAR FROM AVIS?**
You can rent an Avis Self Drive car if you are 18 years or above.
- Q HOW CAN I RESERVE A CAR?**
With Avis Flex, allows you to get a price benefit when you book for 7 days and above on select car models. Rentals start for as low as Rs 1250/day.
- Q DO I NEED TO PICK UP THE CAR FROM AVIS RENTAL OFFICE?**
All the cars are delivered and collected free of cost to the address specified at the time of making a booking. Note; cars will not be delivered to any public places like malls, metro station, etc.

Avis holds the right to cancel the booking in such case.

Terms:

Terms & Conditions are shown on this page.



The screenshot shows a web browser window with the URL 127.0.0.1:8000/terms. The page title is "Terms". At the top right are "LOGIN" and "SIGN UP" buttons. Below the title is a large, blurred image of a white car driving at night. The main content area contains two sections of terms and conditions:

- 1.LOREM IPSUM DOLOR SIT AMET.**
Donec eget ex magna. Interdum et malesuada fames ac ante ipsum primis in faucibus. Pellentesque venenatis dolor imperdiet dolor mattis sagittis. Praesent rutrum sem diam, vita egestas enim auctor sit amet. Pellentesque leo mauris, consectetur id ipsum sit amet, fermentum. Pellentesque in mi eu massa lacinia malesuada et a elit. Donec urna ex, lacinia in purus ac, pretium pulvinar mauris. Curabitur sapien risus, commodo eget turpis at, elementum convallis elit. Pellentesque enim turpis, hendrerit tristique.
- 2.LOREM IPSUM DOLOR SIT AMET.**
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis dapibus rutrum facilisis. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Etiam tristique libero eu nibh porttitor fermentum. Nullam venenatis erat id vehicula viverra. Nunc ultrices eros ut ultricies condimentum. Mauris risus lacus, blandit sit amet venenatis non, bibendum vitae dolor. Nunc lorem mauris, fringilla in aliquam at, euismod in lectus. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. In non lorem sit amet elit placerat maximus. Pellentesque aliquam maximus risus, vel venenatis mauris vehicula hendrerit.

Contact Us:

User can submit any queries regarding the service on this page.

The screenshot shows a contact form titled "Contact Us". The form fields are: Name* (Sufyan Mansuri), Email* (sufyan8834@gmail.com), Subject* (Test), Notes* (Test Message). A "SEND MESSAGE" button is present. The browser address bar shows "localhost / 127.0.0.1 / current / c" and the URL "127.0.0.1:8000/contact". The status bar at the bottom right shows "57% 10:14 PM ENG 16-07-2021".

- A message is displayed on the page on the page regarding the success or failure of the form submission.

The screenshot shows a contact form titled "Contact Us". A green success message box at the top states "Your contact information and message was successfully submitted." Below it, the form fields are: Name* (empty), Email* (empty), Subject* (empty), Notes* (empty). A "SEND MESSAGE" button is present. The browser address bar shows "localhost / 127.0.0.1 / current / c" and the URL "127.0.0.1:8000/contact". The status bar at the bottom right shows "57% 10:15 PM ENG 16-07-2021".

Signup:

Users can create a new account on signup page.

Signup | Car Rental Website | Car | localhost / 127.0.0.1 / current / c | +
127.0.0.1:8000/register

Register

Username*
TestUser13
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Email*
sufyan8834@gmail.com

Password*
.....
Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.

Password confirmation*
.....
Enter the same password as before, for verification.

REGISTER

- Signup form is validated and appropriate message is displayed to the user regarding the successful or unsuccessful registration.**

Signup | Car Rental Website | Car | localhost / 127.0.0.1 / current / c | +
127.0.0.1:8000/register

CAR RENTAL WEBSITE

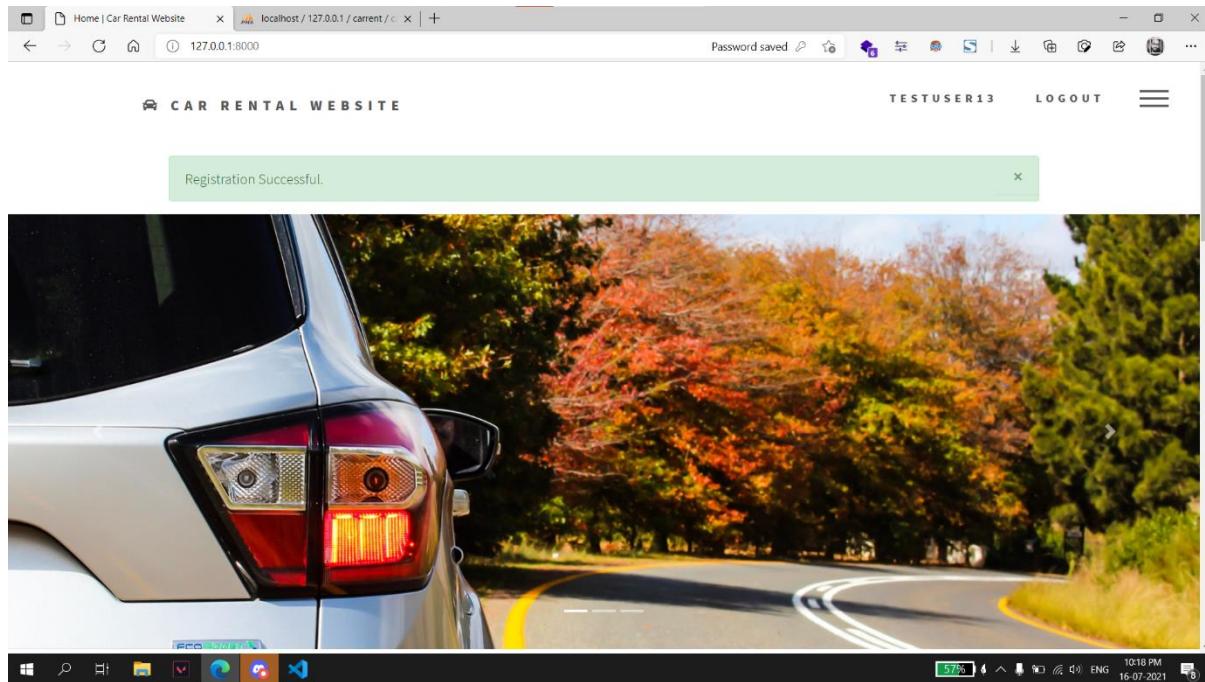
Unsuccessful registration. Invalid Information.

Register

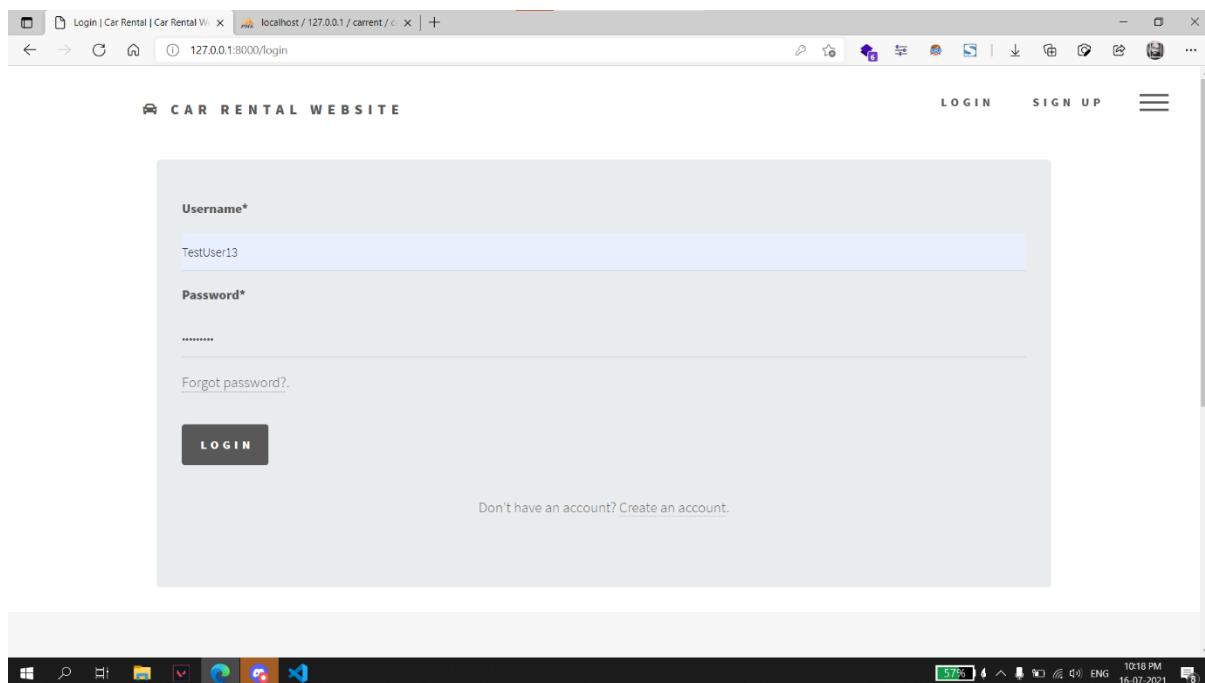
Username*
.....
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Email*

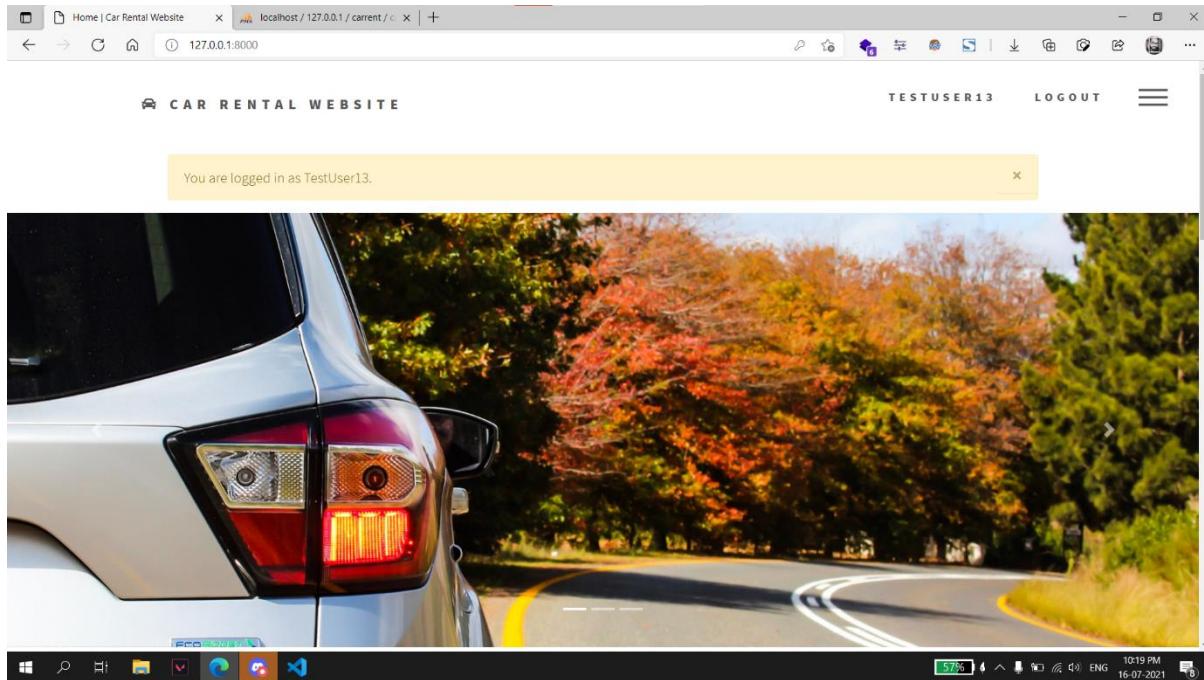
Password*
.....
Your password can't be too similar to your other personal information.

**Login:**

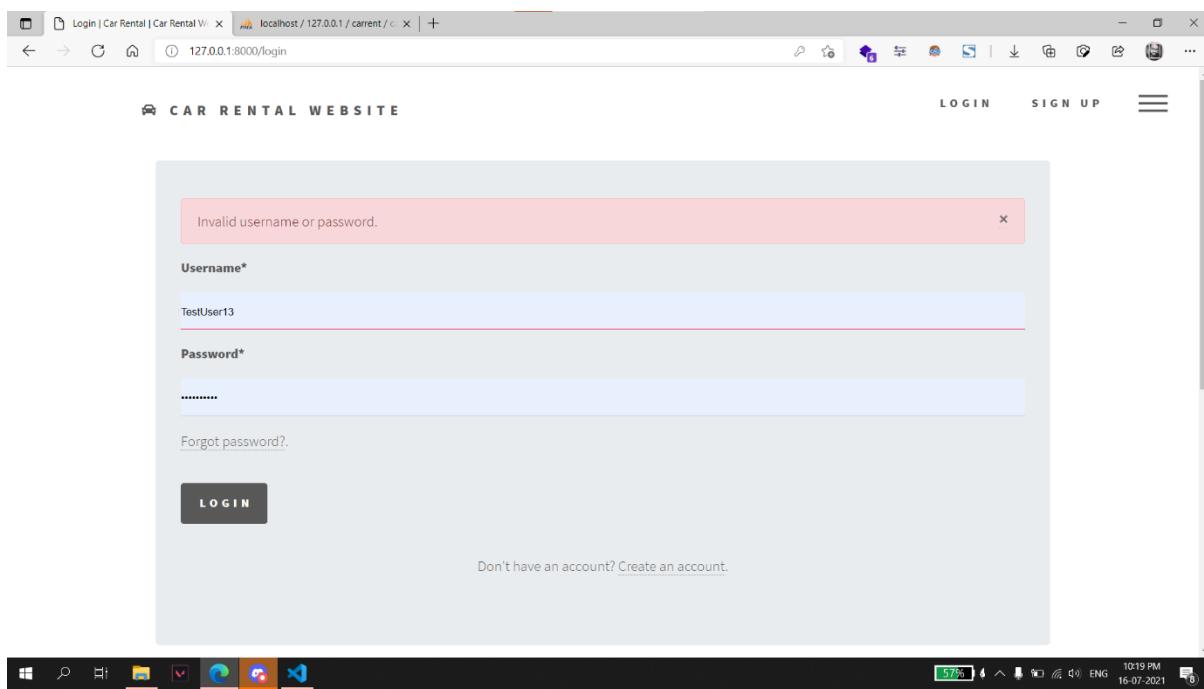
Existing users can login from this page.



- User is redirected to index page with a message on successful login.



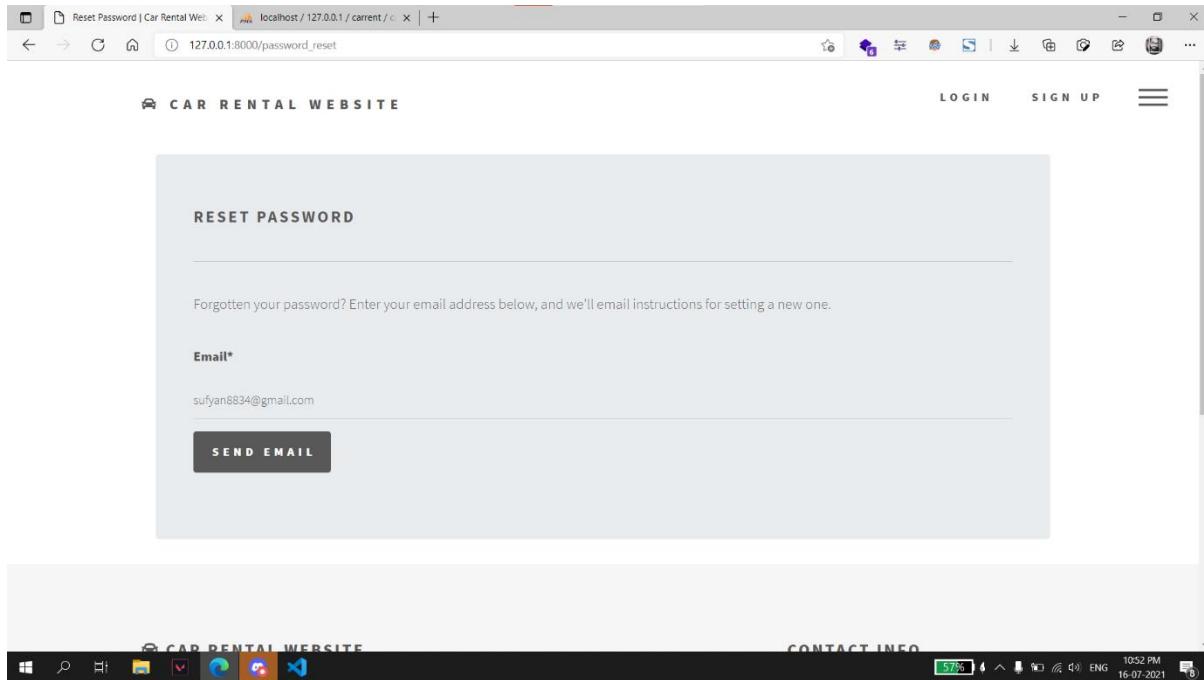
- An error message is displayed to the user when invalid information is submitted.



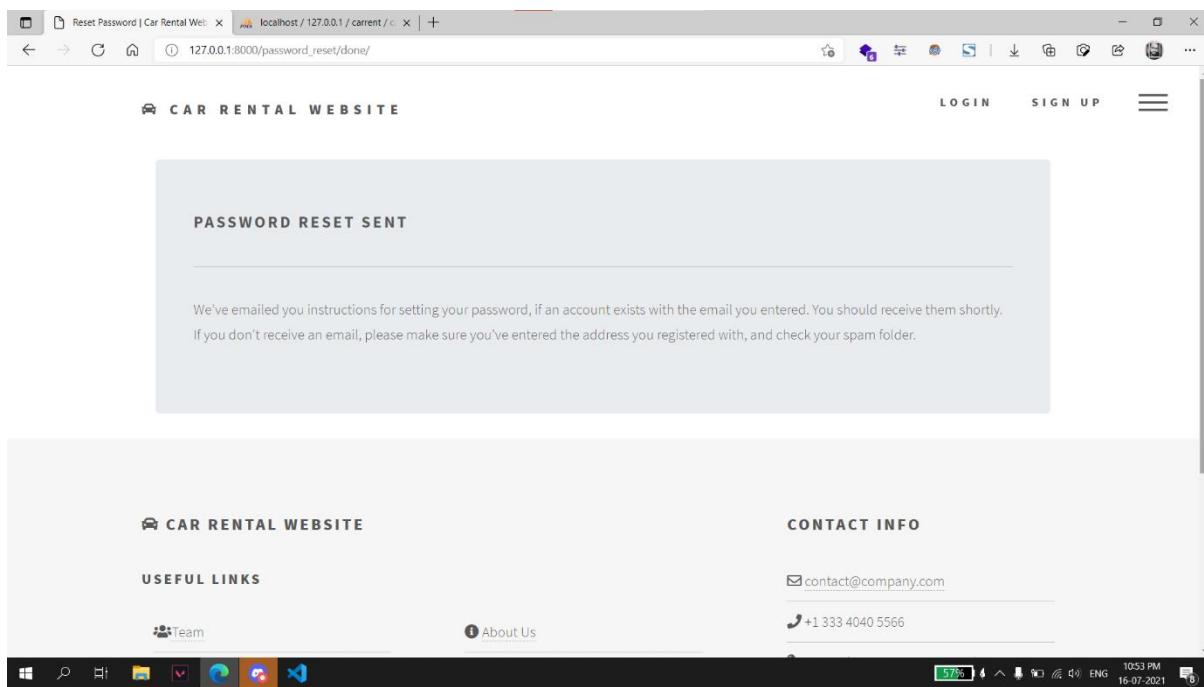
Password Reset:

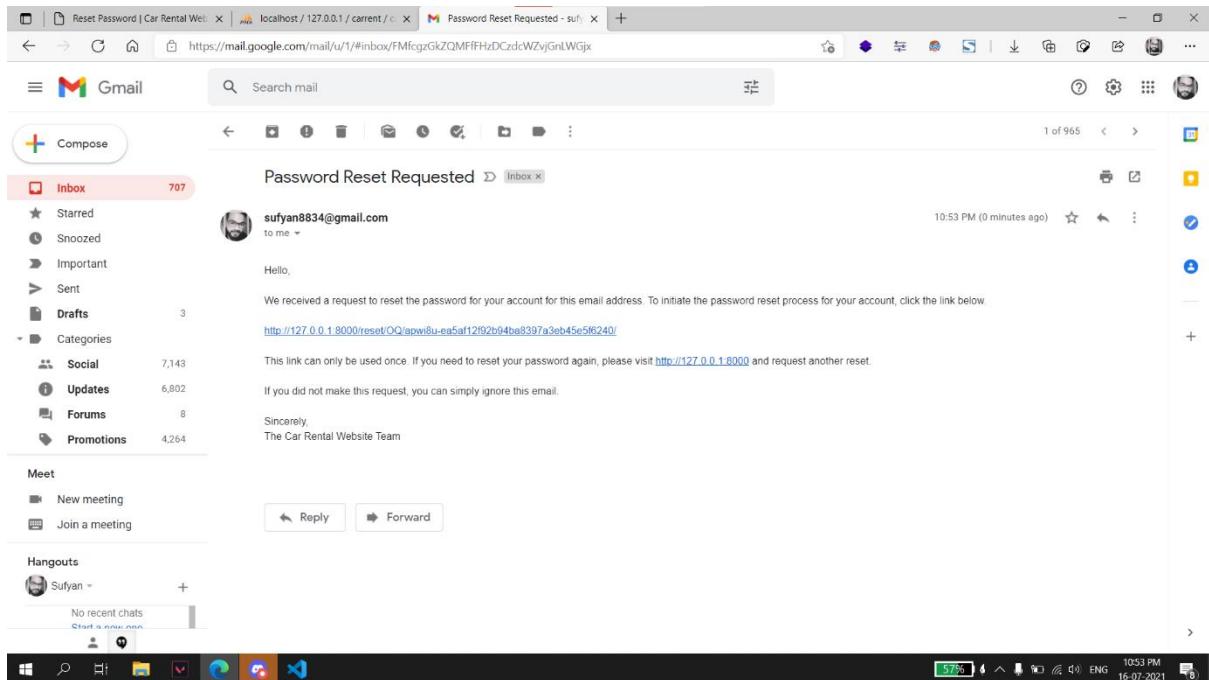
User can reset password from this page.

1. Enter email address associated with the account.

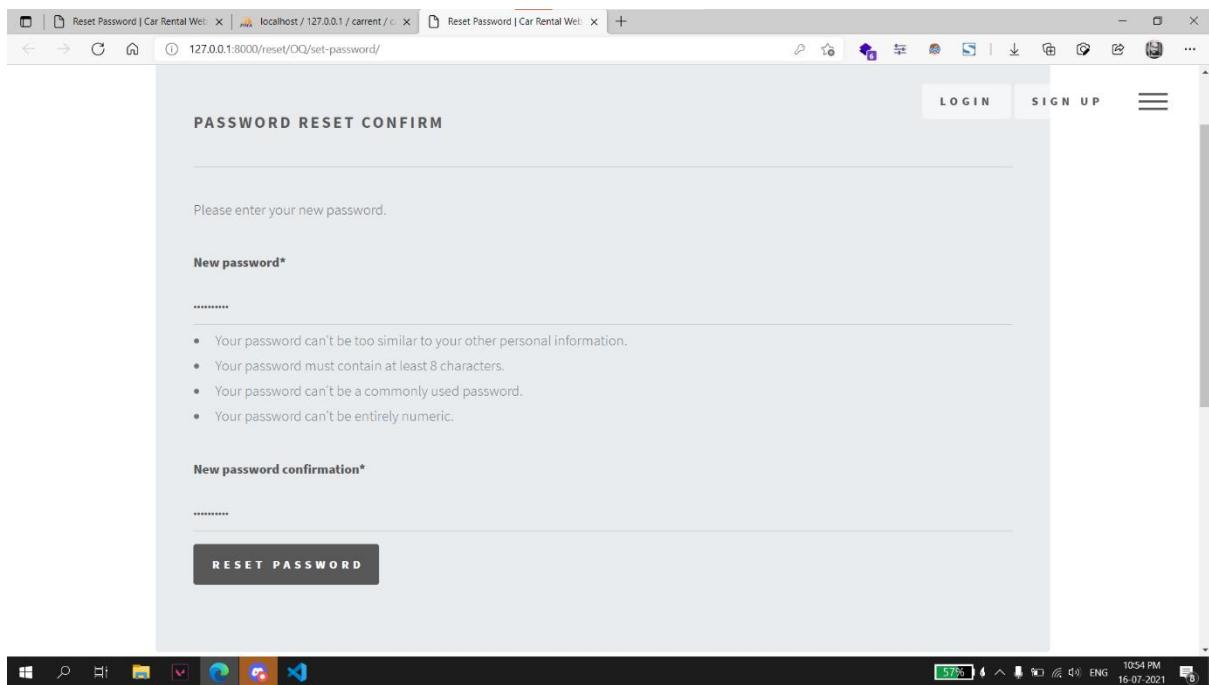


2. An email with link to reset password is sent to the submitted email address.





3. User enters new password.



4. This page is displayed on resetting the password successfully.

The screenshot shows a web browser window with two tabs: "Reset Password | Car Rental We..." and "localhost / 127.0.0.1 / current / c...". The active tab displays a "PASSWORD RESET COMPLETE" message: "Your password has been set. You may go ahead and log in now." Below this message is a "Log in" button. At the top of the page, there is a navigation bar with "CAR RENTAL WEBSITE", "LOG IN", "SIGN UP", and a menu icon. Below the main content, there is a footer section with "USEFUL LINKS" (Team, About Us, FAQs, Testimonials) and "CONTACT INFO" (Email: contact@company.com, Phone: +1 333 4040 5566, Address: 212 Barrington Court New York, ABC 10001, United States of America). The status bar at the bottom shows system information like battery level (57%), time (10:55 PM), and date (16-07-2021).

Profile:

User can update profile details on this page.

The screenshot shows a web browser window with the URL "127.0.0.1:8000/profile". The page title is "Profile". It contains fields for "Username*" (TestUser13), "First name" (Sufyan), "Last name" (Mansuri), and "Email address" (sufyan8834@gmail.com). A "SAVE" button is located at the bottom left. At the top right, there is a "TESTUSER13" dropdown and a "LOGOUT" link. The status bar at the bottom shows system information like battery level (57%), time (10:20 PM), and date (16-07-2021).

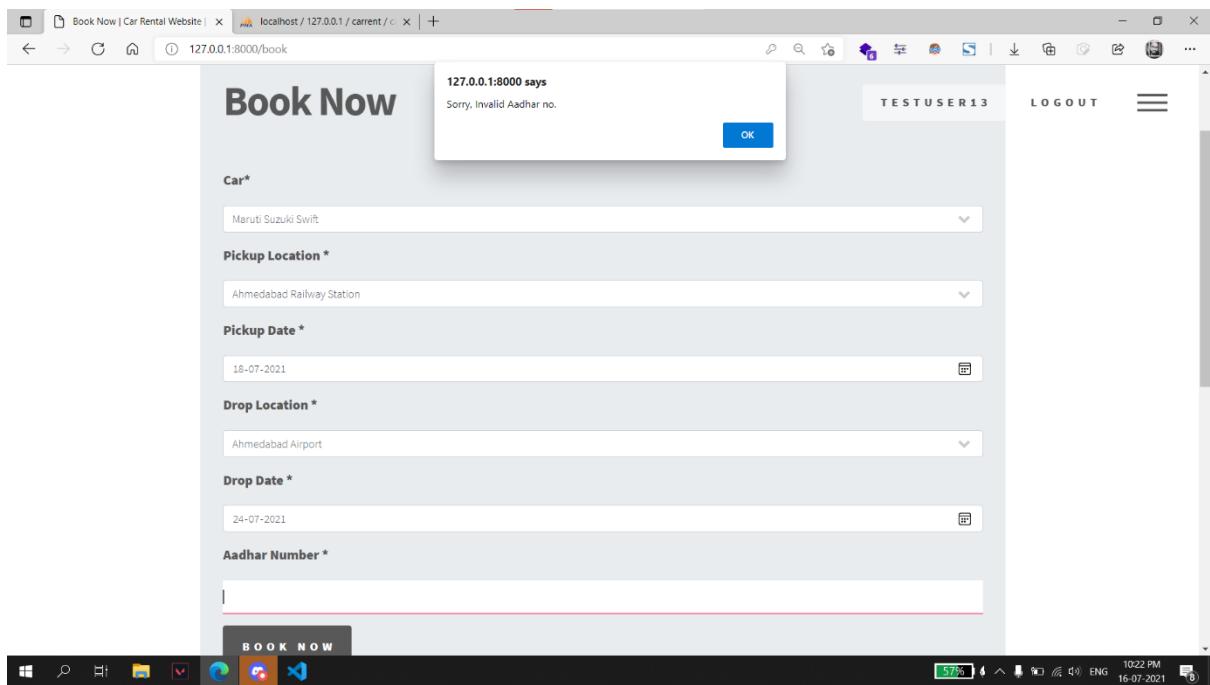
The screenshot shows a web browser window with the URL `127.0.0.1:8000/profile`. The page title is "Profile". A green success message box at the top states "Your Profile has been updated!". Below it, there are input fields for "Username*" containing "TestUser13", "First name" containing "Sufyan", "Last name" containing "Mansuri", and "Email address" containing "sufyan8834@gmail.com". A "SAVE" button is visible. The top right corner shows "TESTUSER13" and a "LOGOUT" link. The bottom right corner of the screen shows a Windows taskbar with icons and system status.

Booking:

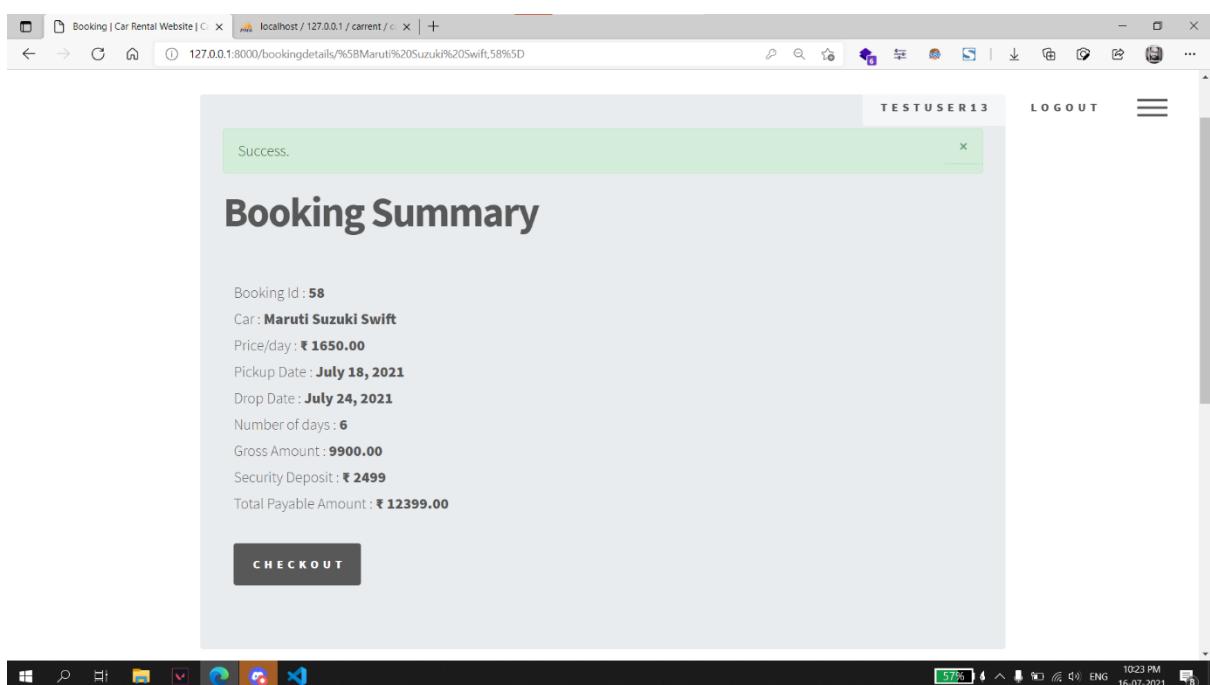
User can book a car for rent using this page.

The screenshot shows a web browser window with the URL `127.0.0.1:8000/book`. The page title is "Book Now". It contains several input fields: "Car*" with "Maruti Suzuki Swift" selected, "Pickup Location *" with "Ahmedabad Railway Station" selected, "Pickup Date *" with "18-07-2021", "Drop Location *" with "Ahmedabad Airport" selected, "Drop Date *" with "24-07-2021", and "Adhar Number *". A "BOOK NOW" button is at the bottom. The top right corner shows "TESTUSER13" and a "LOGOUT" link. The bottom right corner of the screen shows a Windows taskbar with icons and system status.

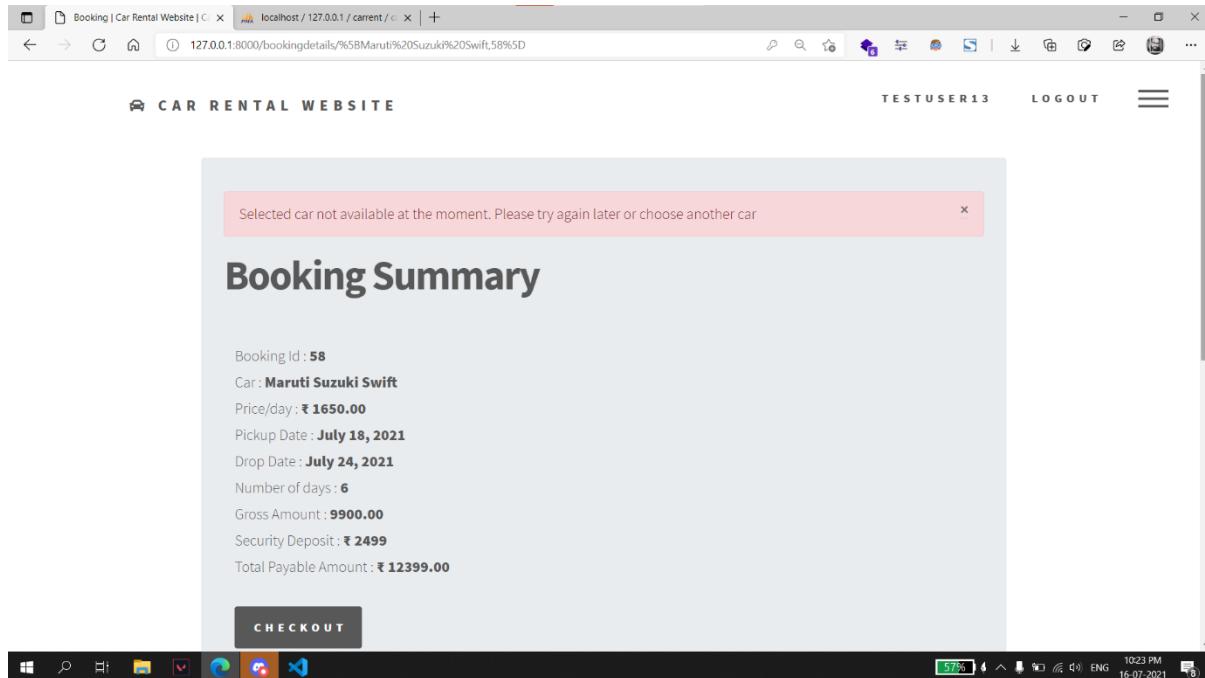
- Aadhar number validation.



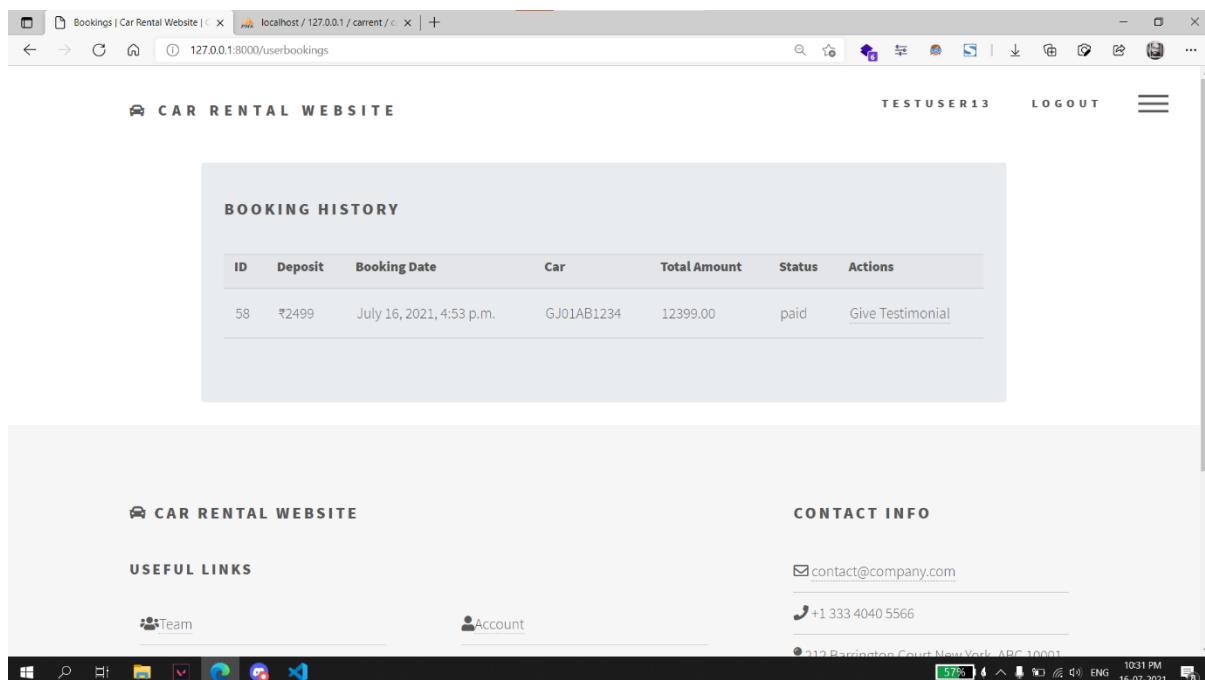
- User is redirected to this page on successful submission of booking form.



- An error message is displayed on the page if selected car is not available for booking.



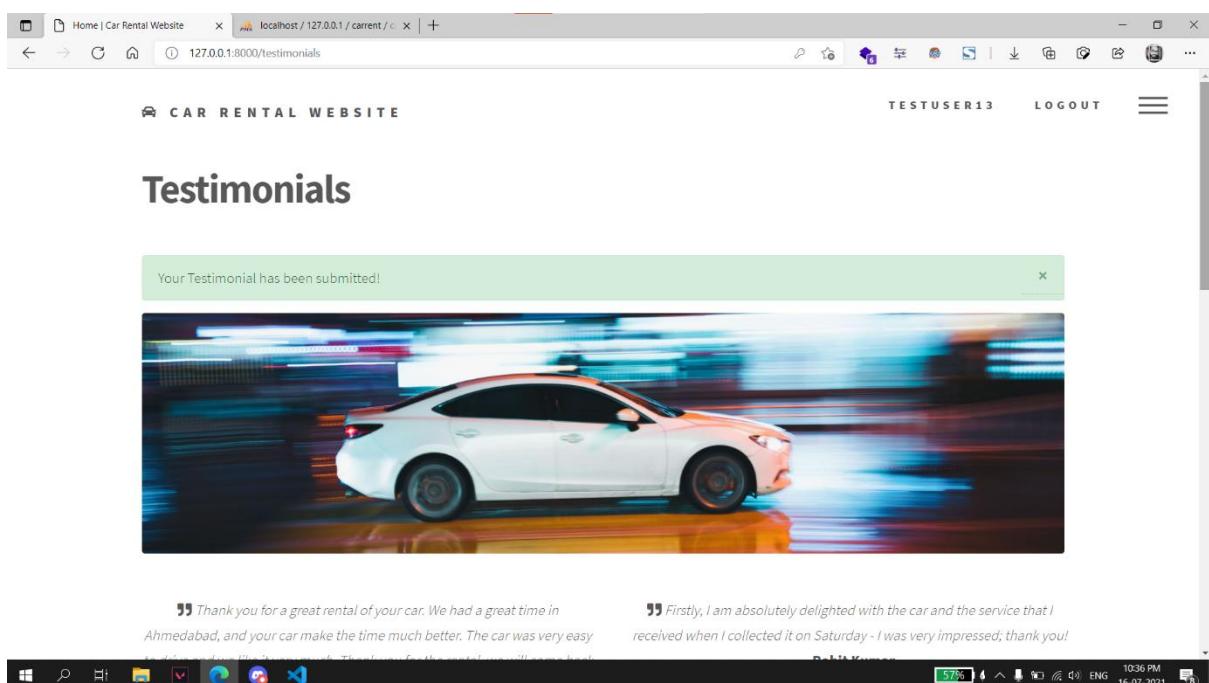
- User is redirected to “Booking History” page after checkout.



- Customer can choose to give testimonial from this page.

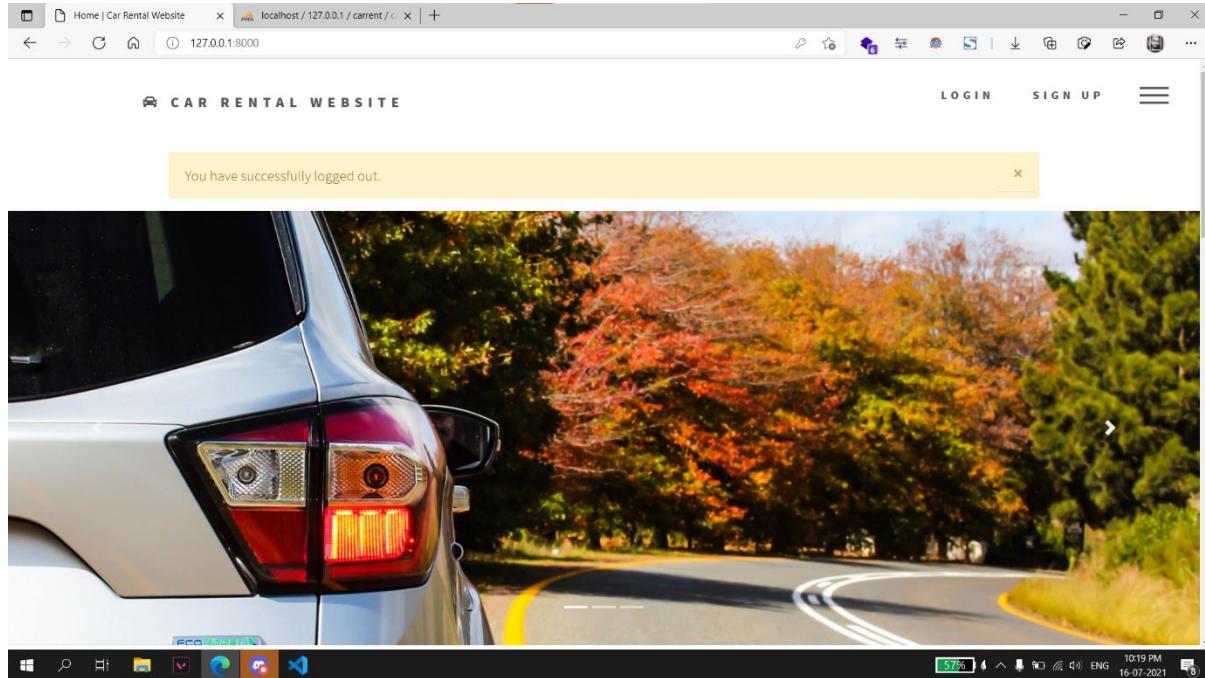
The screenshot shows a web browser window with the URL [localhost / 127.0.0.1 / current / giveTestimonial](http://localhost:127.0.0.1/current/giveTestimonial). The page title is "CAR RENTAL WEBSITE". The user is logged in as "TESTUSER13". The main content area is titled "Testimonial". It has two input fields: "Name*" containing "Sufyan Mansuri" and "Notes*" containing the text "I hired a car from this branch and I must say, the service provided by Amer was exceptional. He was always on hand whenever I had a problem and was very helpful throughout my hire period.". A "SAVE" button is visible at the bottom left.

- On successful submission of the form customer's testimonial is added on "Testimonials" page with a success message.



Logout:

A message is shown to the user on successful logout.



Admin Side

Car Model:

Admin can add, edit or delete car models from this page.

MODELID	MODELNAME	MODELCODE	PRICE
7	Hyundai Venuw	SUV	1950.00
6	Maruti Dzire	Sedan	1750.00
5	BMW M5	Luxury	2500.00
4	Hyundai i10	Hatchback	1650.00
3	Hyundai i20	Hatchback	1350.00
2	Maruti Suzuki Swift	Hatchback	1650.00

Fleet:

Individual cars can be added, updated, or deleted from this page.

ID	PLATENO	MODELID	STATUS
12	GJ01AB1234	Maruti Suzuki Swift	Booked
11	GJ27LM6754	BMW M5	Booked
10	GJ27LM7856	Hyundai i20	Available
9	GJ27LM7830	Maruti Suzuki Swift	Booked
8	GJ27LM7854	Maruti Suzuki Swift	Booked
7	GJ27LM7861	Hyundai i10	Booked
6	GJ27LM7864	Hyundai i10	Booked
5	GJ27LM7865	Hyundai i20	Booked
2	GJ01AB0001	Hyundai i20	Available

Django administration

Add fleet

PlateNo: GJ01AC7895

ModelId: Hyundai i10

Status: Available

Save and add another Save and continue editing SAVE

Queries from contact us page:
Admin can update status of queries from this page.

Select contact to change

Action:	ID	NAME	EMAIL	SUBJECT	NOTES	ISRESOLVED
<input type="checkbox"/>	3	Sufyan Mansuri	sufyan8834@gmail.com	Test	Test Message	☒
<input type="checkbox"/>	2	Sufyan	sufyan8834@gmail.com	Test		☑
<input type="checkbox"/>	1	Sufyan Mansuri	sufyan8834@gmail.com	Test	Test Messages	☒

3 contacts

ADD CONTACT

Sufyan Mansuri | Change contact | localhost / 127.0.0.1 / current / | +

WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Django administration

Home : Car : Contacts : Sufyan Mansuri

AUTHENTICATION AND AUTHORIZATION

- Groups [+ Add](#)
- Users [+ Add](#)

CAR

- Bookings [+ Add](#)
- Car models [+ Add](#)
- Contacts [+ Add](#)**
- Fleets [+ Add](#)
- Testimonials [+ Add](#)

Change contact

Sufyan Mansuri

Name: Sufyan Mansuri

Email: sufyans834@gmail.com

Subject: Test

IsResolved

Notes: Test Message

Delete **Save and add another** **Save and continue editing** **SAVE**

Bookings:

Bookings can managed from this page.

Select booking to change | Django | localhost / 127.0.0.1 / current / | +

WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Django administration

Home : Car : Bookings

AUTHENTICATION AND AUTHORIZATION

- Groups [+ Add](#)
- Users [+ Add](#)

CAR

- Bookings [+ Add](#)**
- Car models [+ Add](#)
- Contacts [+ Add](#)
- Fleets [+ Add](#)
- Testimonials [+ Add](#)

Select booking to change

Action: 0 of 6 selected

<input type="checkbox"/>	ID	SECURITYPROOF	PICKUPDATE	DROPODATE	PICKUPLOCATION	DROPOLOCATION	CREATIONDATE	USERID	TOTALAMOUNT	GROSSAMOUNT	CARID	STATUS
<input type="checkbox"/>	58		July 18, 2021	July 24, 2021	Ahmedabad Railway Station	Ahmedabad Airport	July 16, 2021, 4:53 p.m.	TestUser13	12399.00	9900.00	GJ01AB1234	Paid
<input type="checkbox"/>	57		July 23, 2021	July 29, 2021	Ahmedabad Railway Station	Ahmedabad Railway Station	July 10, 2021, 8:28 a.m.	TestUser12	17499.00	15000.00	GJ27LM6754	Paid
<input type="checkbox"/>	56		July 18, 2021	July 23, 2021	Ahmedabad Airport	Ahmedabad Airport	July 10, 2021, 8:27 a.m.	TestUser12	-	-	-	-
<input type="checkbox"/>	55		July 24, 2021	July 28, 2021	Ahmedabad Railway Station	Ahmedabad Airport	July 10, 2021, 6:51 a.m.	admin	9099.00	6600.00	GJ27LM7864	Paid
<input type="checkbox"/>	54		July 17, 2021	July 25, 2021	Ahmedabad Railway Station	Ahmedabad Airport	July 10, 2021, 5:38 a.m.	EmailTest	15699.00	13200.00	GJ27LM7830	Paid
<input type="checkbox"/>	53		July 11, 2021	July 25, 2021	Ahmedabad Railway Station	Ahmedabad Railway Station	July 10, 2021, 5:08 a.m.	admin	25599.00	23100.00	GJ27LM7854	Paid

6 bookings

Change booking

Booking object (58)

SecurityProof:

PickupDate: 2021-07-18 Today

Note: You are 5.5 hours ahead of server time.

DropDate: 2021-07-24 Today

Note: You are 5.5 hours ahead of server time.

PickupLocation: Ahmedabad Railway Station

DropLocation: Ahmedabad Airport

UserId: TestUser13

TotalAmount: 12399.00

GrossAmount: 9900.00

CarId: GJ01AB1234

Status: Paid

Buttons: Delete, Save and add another, Save and continue editing, **SAVE**

Testimonials:
Admin can manage testimonials from this page.

Select testimonials to change

Action: Go 0 of 6 selected

<input type="checkbox"/>	ID	NAME	NOTES
<input type="checkbox"/>	13	Sufyan Mansuri	I hired a car from this branch and I must say, the service provided by Amer was exceptional. He was always on hand whenever I had a problem and was very helpful throughout my hire period.
<input type="checkbox"/>	12	Dinesh Pandit	Lorem ipsum dolor, sit amet consectetur adipisicing elit. Expedita ab hic impedit omnis eos amet atque sed dicimus unde dolor, repellat tempora placeat, voluptatibus, quibusdam vel suscipit, doloremque est non. Amet, magni eveniet. Num praesentium dolores nostrum soluta ullam corporis aliquid laborum necessitatibus quisquam facere, quam, aperiam, odit esse suscipit!
<input type="checkbox"/>	10	Rishu Verma	Thank you for a great rental of your car. We had a great time in Ahmedabad, and your car make the time much better. The car was very easy to drive and we like it very much.
<input type="checkbox"/>	9	Arjun Shahu	I will most definitely contact you again to use your services! Thank you for such amazing customer service and look forward to purchasing from you in the future!
<input type="checkbox"/>	6	Rohit Kumar	Firstly, I am absolutely delighted with the car and the service that I received when I collected it on Saturday - I was very impressed; thank you!
<input type="checkbox"/>	5	Rahul Sharma	Thank you for a great rental of your car. We had a great time in Ahmedabad, and your car make the time much better. The car was very easy to drive and we like it very much. Thank you for the rental, we will come back next time we come to Ahmedabad.

6 testimonials

Buttons: ADD TESTIMONIALS +

The screenshot shows the Django Admin interface for a 'Testimonials' model. The left sidebar has 'Authentication and Authorization' and 'CAR' sections, with 'Testimonials' highlighted in yellow. The main content area is titled 'Change testimonials' and shows a single testimonial for 'Sufyan Mansuri'. The 'Name:' field contains 'Sufyan Mansuri' with a note: 'This name will be displayed in your testimonial.' The 'Notes:' field contains the text: 'I hired a car from this branch and I must say, the service provided by Amer was exceptional. He was always on hand whenever I had a problem and was very helpful throughout my hire period.' At the bottom are buttons for 'Delete', 'Save and add another', 'Save and continue editing', and a large 'SAVE' button.

Proposed Enhancements:

Enhancements in this project can be as follows

- Integrate payment gateway.
- Add functionality to manage bookings for customer.
- We are planning to add a new feature i.e., pay after the trip.
- We are working to increase automation in the system to increase user experience greatly.
- Add functionality to generate reports.

Conclusion:

The web-based car rental system has offered an advantage to both customers as well as Car Rental Company to efficiently and effectively manage the business and satisfies customers' need at the click of a button.

This project wanted to give customers and company an online platform, and it has given that platform using Django framework where customers can book car and company can approach the booking and respond accordingly.

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- Stack Overflow
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- XAMPP Server
 - <https://www.apachefriends.org/download.html>