

Chapter-1 System Overview

1.1 Purpose :-

Quick Car Hire main purpose is to specifically serve to car showrooms aiming to offer car rental services. By utilizing our system, car showrooms can effortlessly expand their offerings and provide customers with the option to rent. Quick Car Hire provide cars on rent and maintain all the details about car, customer, bookings and payment.

1.2 Scope :-

Our scope involves offering car rental services while managing all car details, customer information, bookings, payments, and cancellations. Rent calculations are based on the duration of rental, measured in both days and kilometers selected.

1.3 Functional requirements :-

Customer Functionality:-

1. **Registration with OTP:-** New customers are required to register by entering their email address, password and verify via otp sent to their email.
2. **Search Filter:-** To search for the desired car by filtering the cars based on the brand, seat, fuel type, transmission type, etc.
3. **Payment:-** The booking engine accepts online payments from customers and issues electronic invoices via a payment gateway razor pay.
4. **Booking Cancellation:-** The customer can cancel their booking before 2 day and the charge amount will be Rs 500 and if the cancellation is done on the day of booking date then no refund amount will be given.
5. **Give Feedback:-** Customer can give feedback after the car is been returned.

Admin Functionality :-

1. **Manage City:-** Admin can add new city and can perform CRUD operation.
2. **View Reports:-** Admin can view all the most booked cars, Area wise booked car, which customer has booked more cars and many more reports.
3. **View Payment Details:-** All the transactions done by the customer can be seen by admin.
4. **View Feedback:-** All the feedbacks by customer can be seen by the admin and can be filtered.

1.4 Exciting functionalities

1. **Report Download**:- User can download the generated report in PDF format.
2. **Manage Role** :- The main administrator can manage users' roles and menus.

1.5 Non-functional requirements :-

1. **Security**:- Our system ensures security as we have utilized prepared statements for SQL injection.
2. **Performance and Response time**:- As we have hosted our system on 000webhost.com and we have checked our performance of the system.

1.6 Users of the system with their characteristics :-

Customer characteristics:-

- The registration page allows new users to register with OTP.
- Customer can view all offers that are currently available.
- At the time of payment customer can apply offer code which will reduce some amount in the total amount.
- Customer can give feedbacks regarding their experience.
- Customer can view their profile.

Admin characteristics:-

- Admin have access to manage all customer details.
- They have authority to manage offers and adjust the percentage of offers.
- Admin can view all payments made by customers.
- They have access to view feedback given by customers.

1.7 Tool and Technology

Technology :-

1. HTML5
2. CSS3
3. JavaScript
4. PHP8
5. MYSQL8.0

Tools :-

1. NetBeans
2. XAMPP
3. Visual Studio Code
4. PhpStorm

Library :-

1. Bootstrap5

1.8 Summary :-

- Number of functional requirements :- 9
- Number of non-functional requirements :- 2
- Number of exciting functionality :- 2

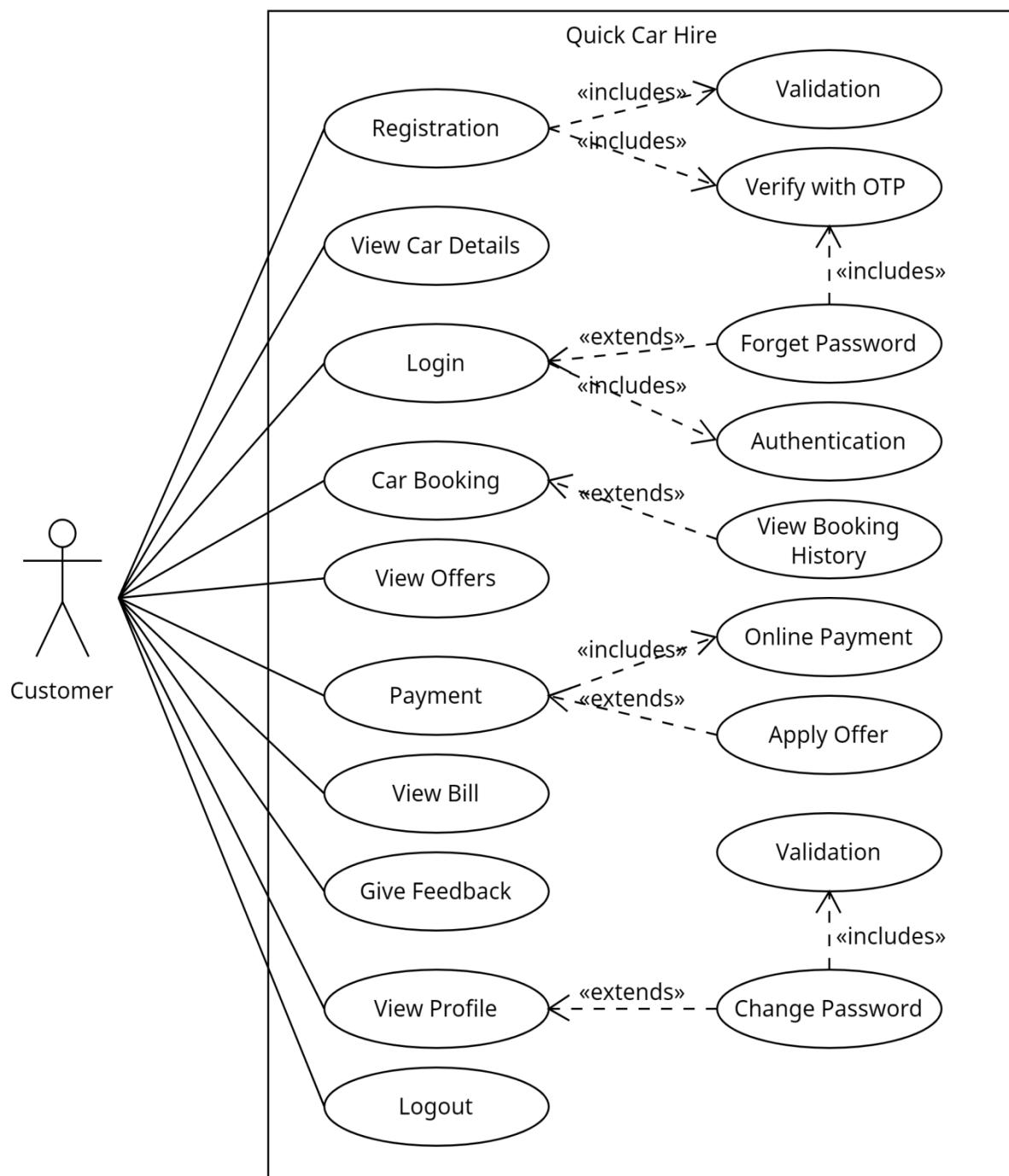
| Previous Semester Functionality | Current Semester Functionality |
|---|---|
| Customer Functionality <ol style="list-style-type: none"> 1. Registration and Login 2. Car Booking 3. View Offer 4. My Booking(History) 5. Manage Profile | Customer Functionality <ol style="list-style-type: none"> 1. Registration with OTP 2. Search Filter 3. Payment 4. Booking Cancellation 5. Give Feedback |
| Admin Functionality <ol style="list-style-type: none"> 1. Login 2. View Customer Details 3. Manage Offers 4. Manage Car Details 5. View Bookings | Admin Functionality <ol style="list-style-type: none"> 1. Manage City 2. View Reports 3. View Payment Details 4. View Feedback |
| | Non-functional Requirements <ol style="list-style-type: none"> 1. Security 2. Performance and Response Time |
| | Exciting Functionality <ol style="list-style-type: none"> 1. Report Download 2. Manage Role |

Chapter-2 System Design

2.1 Use case Diagram

1. Customer
2. Admin
3. Guest user

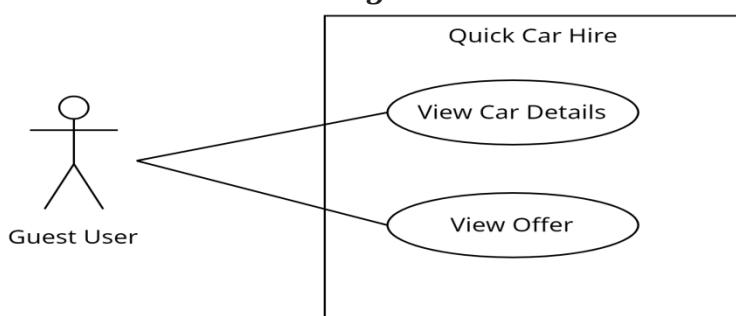
1. Customer Use Case Diagram



2. Admin Use Case Diagram

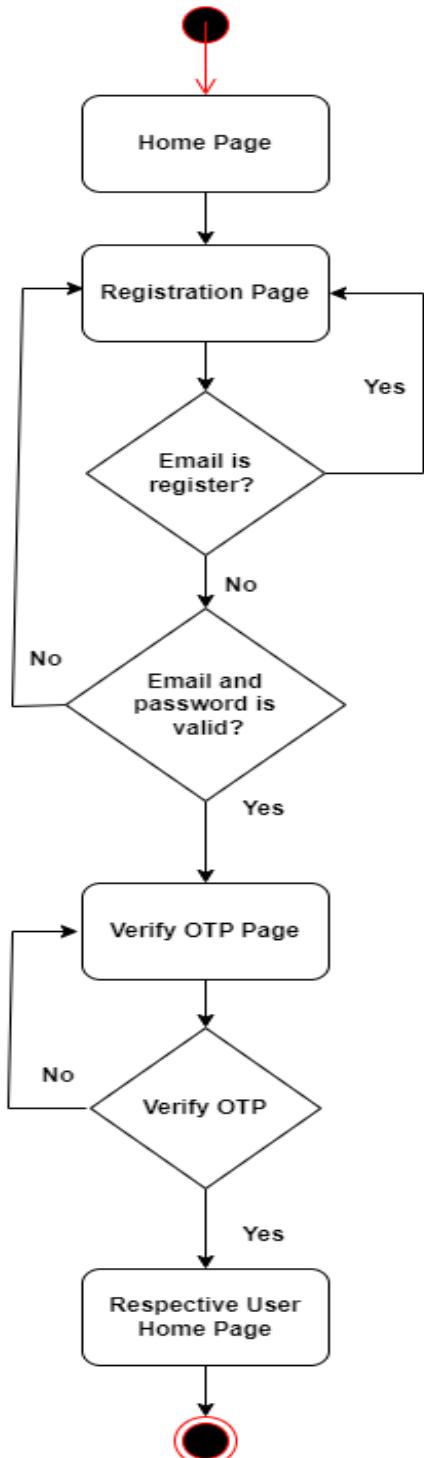


3. Guest User Use Case Diagram

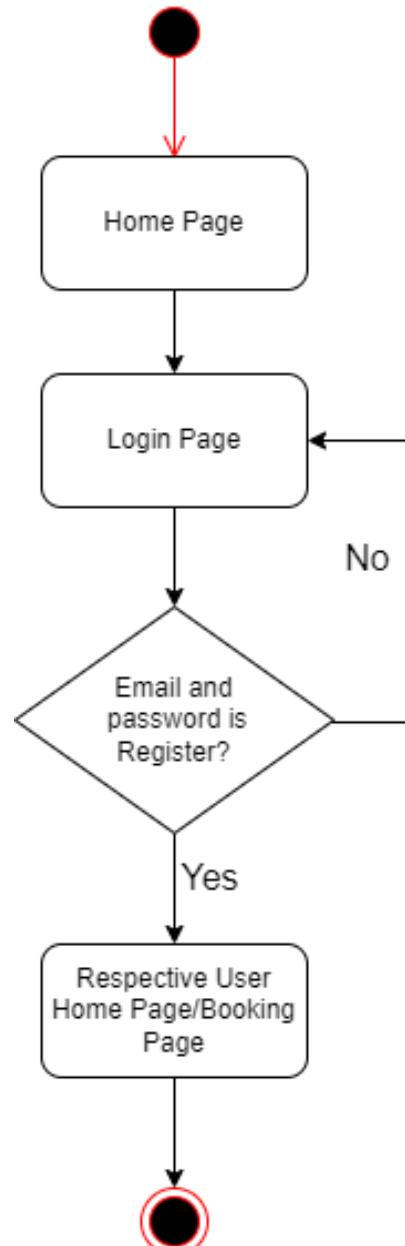


2.2 Activity Diagram

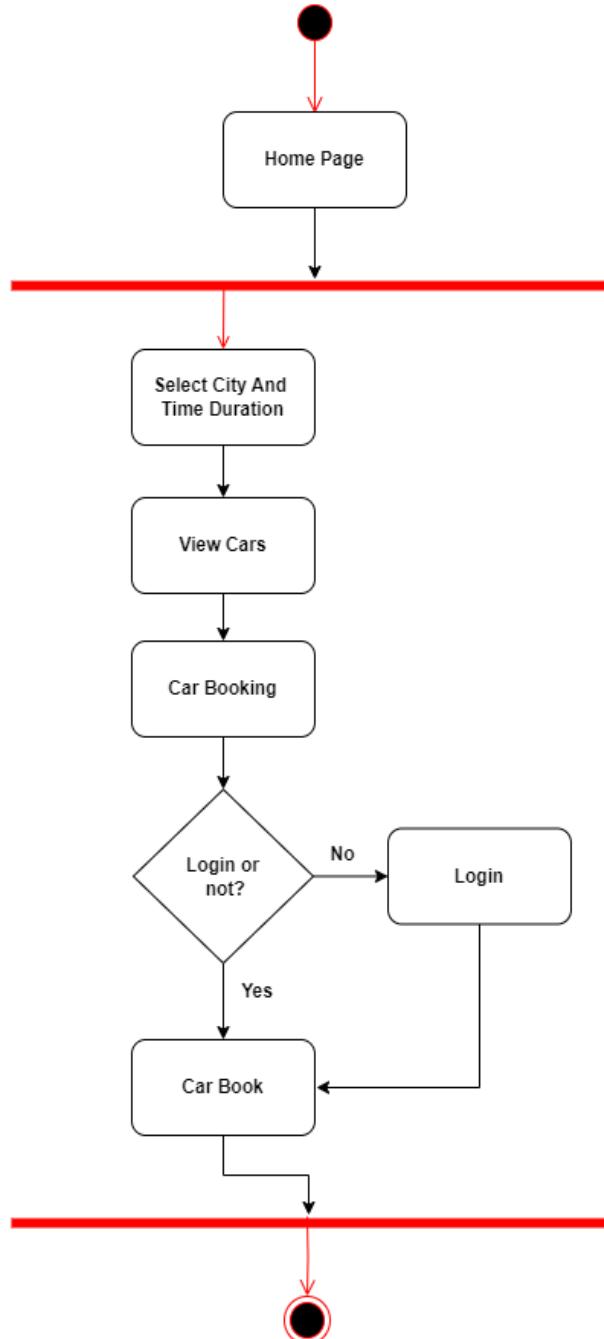
Registration Diagram



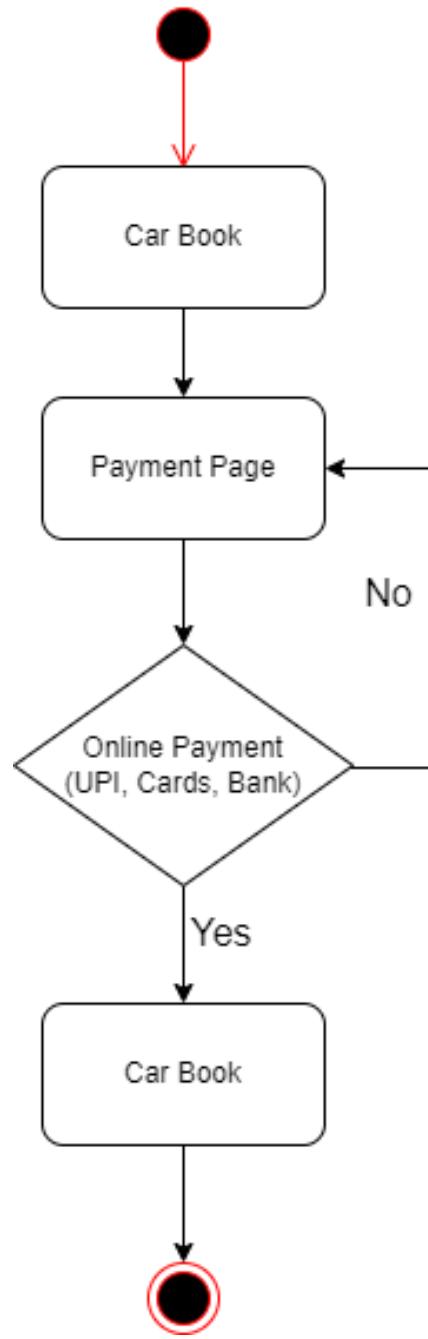
Login Diagram



Car Booking Diagram



Payment Diagram



2.3 Database Table

Administrator

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|-------------|-----------|------------------------|-------------|-------------------|------------------------------------|
| Name | varchar | 40 | NOT NULL | Shubham Lathiya | It stores Names in Admin Table. |
| Email | varchar | 50 | PRIMARY KEY | shubham@gmail.com | It stores Email in Admin Table. |
| Password | varchar | 20 | NOT NULL | ***** | It stores Password in Admin Table. |
| Status | enum | ('Active', 'Inactive') | NOT NULL | Active | It stores Status in Admin Table. |

Employee

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|-------------|-----------|------------------------|-------------|-------------------|---|
| Name | varchar | 40 | NOT NULL | Shubham Lathiya | It stores Names in Employee Table. |
| Email | varchar | 50 | PRIMARY KEY | shubham@gmail.com | It stores Email in Employee Table. |
| Password | varchar | 20 | NOT NULL | ***** | It stores Password in Employee Table. |
| Status | enum | ('Active', 'Inactive') | NOT NULL | Active | It stores Status in Employee Table. |
| Role_Id | int | 11 | FOREIGN KEY | 2 | It connects employee and role_menu table. |
| City_Id | varchar | 10 | FOREIGN KEY | 1 | It connects employee and city table. |

Customer

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|---------------------------|--------------------|------------------------|---|
| Customer_Id | int | 11 | Auto Increment | 10 | It stores Customer Id in Customer Table. |
| Name | varchar | 40 | NOT NULL | Priyank Mangaroliya | It stores Customer Name in Customer Table. |
| Email | varchar | 50 | PRIMARY KEY | priyank@gmail.com | It stores Customer Email ID in Customer Table. |
| Mobile | varchar | 10 | NOT NULL | 8849288573 | It stores Customer Mobile Numbers in Customer Table. |
| Password | varchar | 20 | NOT NULL | ***** | It stores Customer Password in Customer Table. |
| Date_Of_Birth | date | - | NOT NULL | 2004-07-23 | It stores Customer DOB(YYYY-MM-DD) in Customer Table. |
| Driving_Licence | varchar | 15 | NOT NULL | GJ123456789012 | It stores Customer licence no in Customer Table. |
| AadharCard | varchar | 12 | NOT NULL | 123456789012 | It stores Customer aadhar no in Customer Table. |
| Image | varchar | 255 | NOT NULL | Priyank.jpg | It stores Customer Profile in Customer Table. |
| Registration_Date | date | - | NOT NULL | 2023-05-30 | It stores Customer Registration_Date in Customer Table. |
| Doc_Status | enum | ('Verify', 'Pending') | NOT NULL | Verify | It stores Customer Doc_Status in Customer Table. |
| Customer_Status | enum | ('Active', 'Inactive') | NOT NULL | Active | It stores Status of customer in Customer Table. |

Car

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|------------------------|--------------------|---------------------|---|
| Registration_No | varchar | 10 | PRIMARY KEY | GJ05PM1234 | It stores Registration no in Car table. |
| Name | varchar | 40 | NOT NULL | Thar | It stores Car Name in Car Table. |
| Brand | varchar | 40 | NOT NULL | Mahindra | It stores Car Brand in Car table. |
| Image | varchar | 255 | NOT NULL | Thar.png | It stores Car Image in car table. |
| City_Id | varchar | 10 | FOREIGN KEY | GJ05 | It connects car and city table. |
| Category_Id | varchar | 10 | FOREIGN KEY | SUV7DM | It connects car and car category table. |
| Status | enum | ('Active', 'Inactive') | NOT NULL | Active | It stores Status in car Table. |
| Hire_Cost | int | 8 | NOT NULL | 22 | It stores hire cost in car Table. |
| Charge_Cost | int | 11 | NOT NULL | 25 | It stores Charge cost in Car Table. |
| Total_Booked | int | 30 | NOT NULL | 4 | It store total number of time a car is Booked in Car Table. |

Car Category

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|---|--------------------|---------------------|--|
| Category_Id | varchar | 20 | PRIMARY KEY | SUV7DM | It stores Category Id in Car_Category table. |
| Category_Name | enum | (‘SUV’, ‘MUV’, ‘Sedan’, ‘Hatchback’) | NOT NULL | SUV | It stores type of Category Name in Car_Category Table. |
| Seats | enum | (‘4’, ‘5’, ‘6’, ‘7’, ‘8’) | NOT NULL | 7 | It stores No Of Seats in Car_Category Table. |
| Fuel | enum | (‘Petrol’, ‘CNG’, ‘Diesel’, ‘Electric’) | NOT NULL | Diesel | It stores type Of Fuel in Car_Category Table. |
| Transmission | enum | (‘Manual’, ‘Automatic’) | NOT NULL | Manual | It stores Transmission in Car_Category Table. |

City

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|------------------------------|--|
| City_Id | varchar | 10 | PRIMARY KEY | GJ05 | It stores City Id in City Table. |
| City | varchar | 40 | NOT NULL | Surat | It stores City Name in City Table. |
| Address | varchar | 100 | NOT NULL | Mota varachha, Surat | It stores city Address in City Table. |
| Mobile | varchar | 10 | NOT NULL | 8849288573 | It stores Mobile Number in City Table. |
| Email | varchar | 50 | NOT NULL | quickcarhire.surat@gmail.com | It stores City's Email ID in City Table. |

Booking

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|---------------------|--|
| Booking_Id | varchar | 10 | PRIMARY KEY | 01 | It stores Booking Id in Booking table. |
| Email | varchar | 50 | FOREIGN KEY | priyank@gma il.com | It connects customer and booking Table. |
| Registratio n_No | varchar | 10 | FOREIGN KEY | GJ05PM1234 | It connects car and booking table. |
| City_Id | varchar | 10 | FOREIGN KEY | 1 | It connects city and booking table. |
| Start_Date | date | - | NOT NULL | 2023-02-10 | It stores Booking Start Date in Booking table. |
| End_Date | date | - | NOT NULL | 2023-02-15 | It stores Booking End Date in Booking table. |
| Start_Meter | varchar | 10 | NULL | 128736 | It stores Start Meter in Booking table. |
| Start_Time | time | - | NOT NULL | 10:00:00 | It stores Start Time in Booking Table. |
| End_Time | time | - | NOT NULL | 12:30:00 | It stores End Time in Booking Table. |
| Security_De posit | int | 10 | NOT NULL | 3000 | It stores security Amount in Booking table. |
| Selected_K ms | int | 11 | NOT NULL | 192 | It stores selected kms in Booking table. |
| Booking_A mount | double | - | NOT NULL | 16000 | It stores Booking Amount in Booking table. |
| Offer | double | - | NOT NULL | 1000 | It stores offer amount in Booking table. |
| Total_Amount | double | - | NOT NULL | 15000 | It stores Total Amount in Booking table. |
| Booking_Da te | date | - | NOT NULL | 2023-03-20 | It stores current date in booking table. |

Offer

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|---------------------|--|
| Code | varchar | 10 | PRIMARY KEY | OFFER123 | It stores Offer Code in Offer Table. |
| Name | varchar | 40 | NOT NULL | Diwali Special | It stores in Offer Name in Offer Table. |
| Image | varchar | 255 | NOT NULL | OFFER123.jpg | It stores in offer Img in Offer Table. |
| Percentage | int | 2 | NOT NULL | 12 | It stores Offer Percentage (%) in Offer Table. |
| Registration_No | varchar | 10 | FOREIGN KEY | GJ05PM5435 | It connects car and city table. |
| Start_Date | date | - | NOT NULL | 2023-02-10 | It stores Offer Start Date(YYYY-MM-DD) in Offer Table. |
| End_Date | date | - | NOT NULL | 2023-03-10 | It stores Offer End Date(YYYY-MM-DD) in Offer Table. |
| City_Id | Varchar | 10 | FOREIGN KEY | GJ05 | It connects offer and city table. |

Register

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|---------------------|---|
| Email | varchar | 50 | PRIMARY KEY | suhani10@g mail.com | It stores Email in Register Table. |
| Password | varchar | 20 | NOT NULL | ***** | It stores Password in RegisterTable. |
| OTP | varchar | 10 | NOT NULL | 478796 | It stores OTP in RegisterTable. |
| Verify | int | 1 | NOT NULL | 0/1 | It stores Verification of Customer Details in Register Table. |

Payment

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|----------------|-----------|------|-------------|------------------------|--|
| Payment_Id | varchar | 10 | PRIMARY KEY | 01 | It stores Payment Id in Payment table. |
| Booking_Id | varchar | 10 | FOREIGN KEY | 01 | It connects Booking and payment table. |
| Transaction_Id | varchar | - | NOT NULL | ajsndbf3473rfh cdbf | It stores Transaction Id in Payment Table. |
| Payment_Amount | double | - | NOT NULL | 15000 | It stores Payment Amount in Payment table. |
| Payment_Date | date | - | NOT NULL | 2023-03-20 | It stores Payment Date in Payment Table. |

Contact

| Attribute's | Data Type | Size | Constraint s | Sample Value | Description |
|-------------|-----------|--------------------|--------------|---------------------|--|
| Contact_Id | int | 11 | PRIMARY KEY | 01 | It stores Contact Id in Contact Table. |
| Name | varchar | 40 | NOT NULL | SrushtiMalani | It stores Name in Contact table. |
| Email | varchar | 50 | NOT NULL | srushti12@gmail.com | It stores Email ID in contact Table. |
| Subject | varchar | 100 | NOT NULL | Rent a car | It stores sub in Contact Table. |
| Message | longtext | - | NOT NULL | Good Services | It stores message in contact Table. |
| Status | enum | ('Unread', 'Read') | NOT NULL | Unread | It stores Status in Contact Table. |

Feedback

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|--------------------|--------------------|----------------------|---|
| Feedback_Id | varchar | 10 | PRIMARY KEY | 01 | It stores Feedback Id in Feedback table. |
| Booking_Id | varchar | 10 | FOREIGN KEY | 01 | It connects Booking with feedback Table. |
| Feedback | varchar | 500 | NOT NULL | Good Option for cars | It stores feedback's from customer in Feedback Table. |
| Rating | int | 1 | NOT NULL | 5(star) | It stores Rating in Feedback table. |
| Status | enum | ('Unread', 'Read') | NOT NULL | Unread | It stores Status in Feedback Table. |

Page

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|----------------------|---------------------------------------|
| Page_Id | int | 8 | PRIMARY KEY | 1 | It stores Page Id in Page Table. |
| Name | varchar | 150 | NOT NULL | Terms and Conditions | It stores Page Name in Page Table. |
| Type | varchar | 150 | NOT NULL | terms | It stores Page Type in Page Table. |
| Detials | longtext | - | NOT NULL | Acceptance Of Terms | It stores Page Details in Page Table. |

Role Menu

| Attribute's | Data Type | Size | Constraints | Sample Value |
|--------------------|------------------|-------------|--------------------|---------------------|
| Role_Id | int | 11 | PRIMARY KEY | 1 |
| Name | varchar | 40 | NOT NULL | Manager |
| A_Dashboard | int | 1 | NOT NULL | 1 |
| M_Dashboard | int | 1 | NOT NULL | 0 |
| Admin | int | 1 | NOT NULL | 1 |
| Customer | int | 1 | NOT NULL | 1 |
| Booking | int | 1 | NOT NULL | 1 |
| City | int | 1 | NOT NULL | 1 |
| Car | int | 1 | NOT NULL | 1 |
| Category | int | 1 | NOT NULL | 1 |
| Offer | int | 1 | NOT NULL | 1 |
| Contact | int | 1 | NOT NULL | 1 |
| Report | int | 1 | NOT NULL | 1 |

Penalty

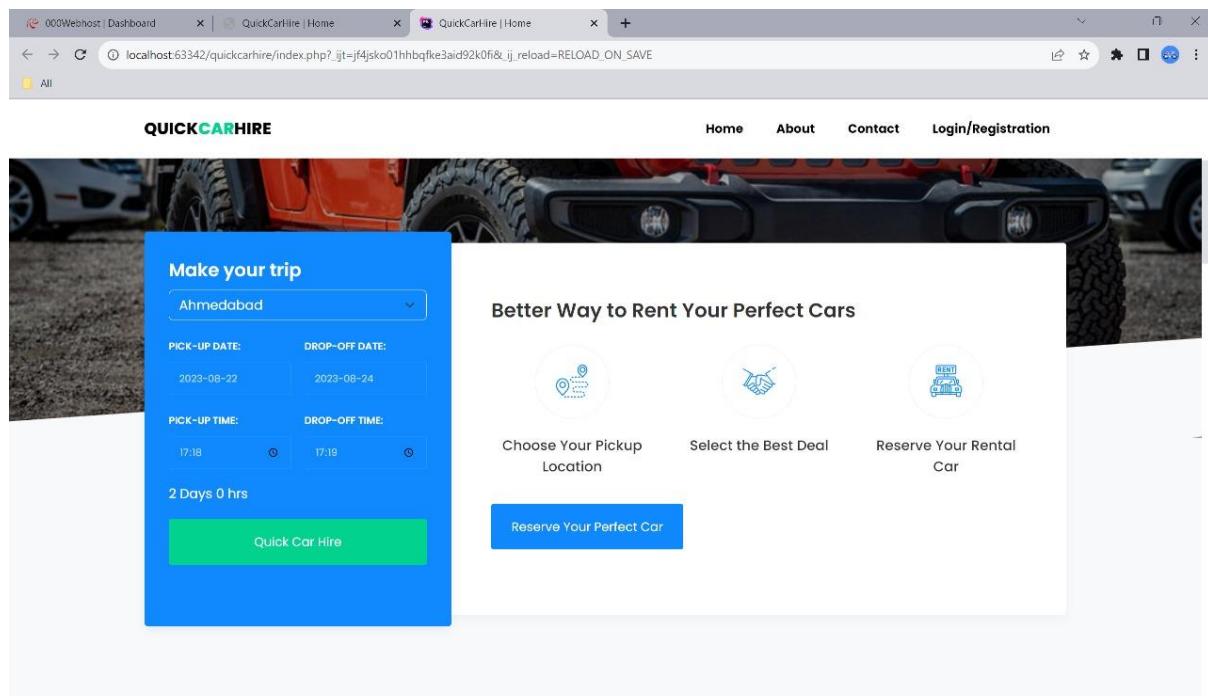
| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|---------------------|---|
| Penalty_Id | int | 11 | PRIMARY KEY | 1 | It stores Penalty Id in Penalty Table. |
| Booking_Id | varchar | 10 | FOREIGN KEY | 10 | It connects Booking with Penalty Table. |
| Start_Meter | varchar | 10 | NOT NULL | 23900 | It stores Start_Meter in Penalty Table. |
| End_Meter | varchar | 10 | NOT NULL | 24100 | It stores End_Meter in Penalty Table. |
| KMS | varchar | 10 | NOT NULL | 200 | It stores KMS in Penalty Table. |
| Credit | int | 11 | NOT NULL | 2000 | It stores Credit Amount in Penalty Table. |
| Debit | int | 11 | NOT NULL | 0 | It stores Debit Amount in Penalty Table. |

Cancellation

| Attribute's | Data Type | Size | Constraints | Sample Value | Description |
|--------------------|------------------|-------------|--------------------|----------------------|--|
| Cancellation_Id | int | 10 | PRIMARY KEY | 1 | It stores Cancellation Id in Cancellation Table. |
| Booking_Id | varchar | 10 | FOREIGN KEY | 10 | It connects Booking with Cancellation Table. |
| Cancellation_Date | date | - | NOT NULL | 2023-08-20 | It stores Cancellation date in Cancellation Table. |
| Reason | varchar | 255 | NOT NULL | Changed travel plans | It stores Reason in Cancellation table. |
| Charge_Amount | int | 11 | NOT NULL | 500 | It stores Charge Amount in Cancellation table. |
| Refund_Amount | int | 11 | NOT NULL | 5000 | It stores Refund Amount in Cancellation table. |

2.4 Web GUI Design

1. Home Page



| | |
|--|---|
| Purpose of the UI | The main purpose of this page is let user select city , pick-up date and drop-off date & pick-up time and drop-off time. |
| Used control with justification | Input, Button, Image |
| Associated tables | City |
| Data In | City, start Date, End Date, Start time, End Time |
| Data Out | Car page |
| Data Validation | Pick up Date :- We can not select previous date of current date. Drop off Date :- We can not select previous date of Pick up Date. |

2. Car Page

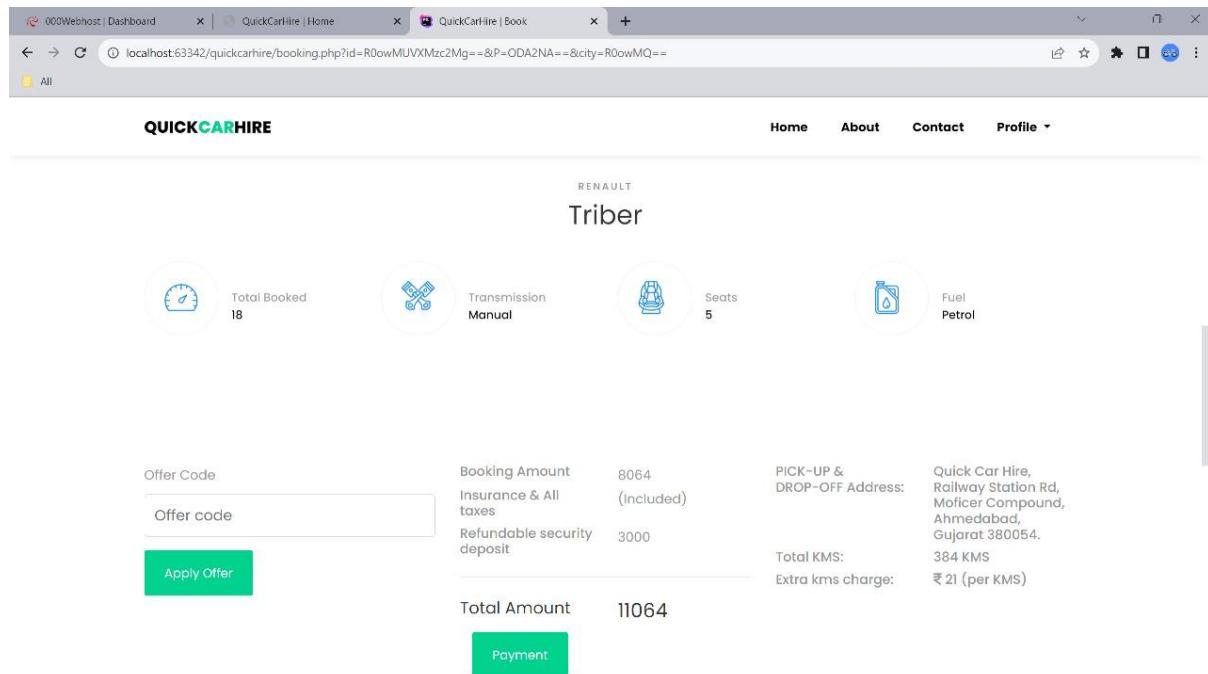
The screenshot shows a web browser window with three tabs: '000Webhost | Dashboard', 'QuickCarHire | Home', and 'QuickCarHire | Car'. The active tab is 'QuickCarHire | Car' at the URL 'localhost:63342/quickcarhire/car.php'. The page title is 'QUICKCARHIRE'. The main content area is titled 'Available Cars' and displays three car models in cards:

- Triber** (Renault): Yellow hatchback. Capacity: 5 People, 18 km. Price: ₹ 8064. Rent now button.
- Alto** (Maruti Suzuki): Red hatchback. Capacity: 5 People, 22 km. Price: ₹ 7680. Rent now button.
- Outlander** (Mitsubishi): White SUV. Capacity: 5 People, 15 km. Price: ₹ 7296. Rent now button.

Below these cards are three smaller car images: a red hatchback, a black SUV, and a grey sedan.

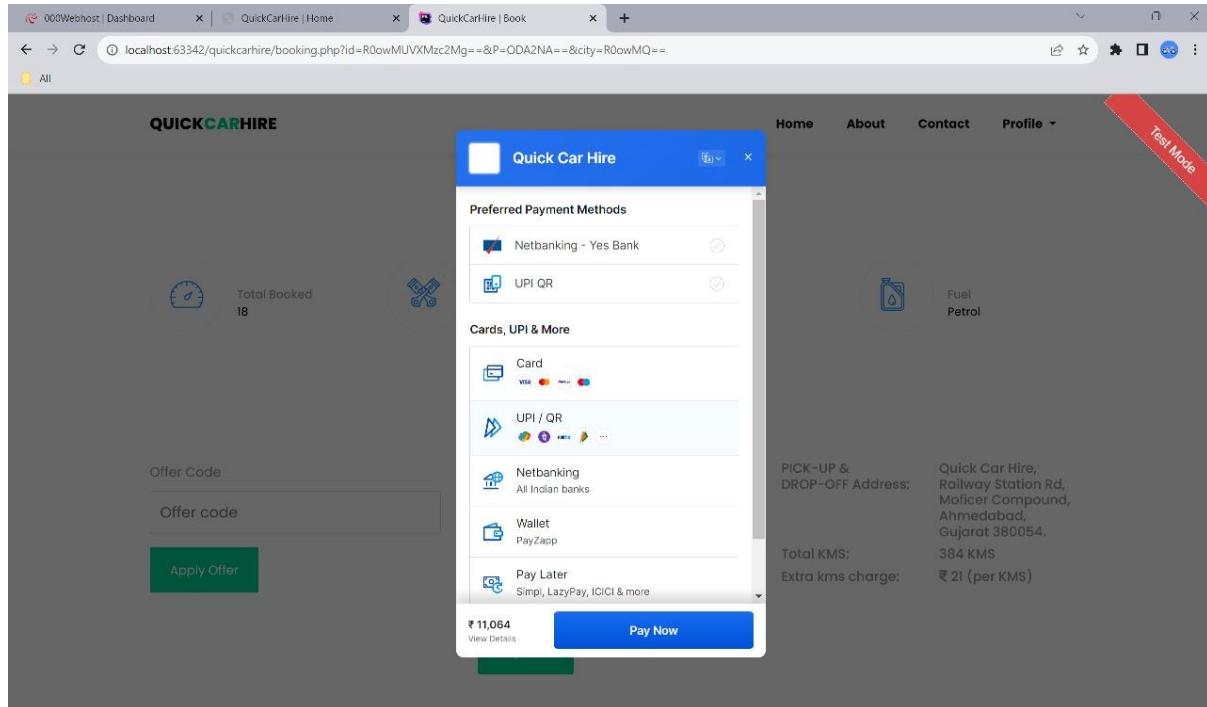
| | |
|--|--|
| Purpose of the UI | The main purpose of this page is to let the customer have the basic information of km plan and cars. |
| Used control with justification | Navigation, Button, Image |
| Associated tables | car & car_category |
| Data In | - |
| Data Out | All the information related cars and car category can be seen here. |
| Data Validation | Calculate (kms = totalhrs * 8,11,15) Calculate (price = hirecost * kms) |

3. Booking Page



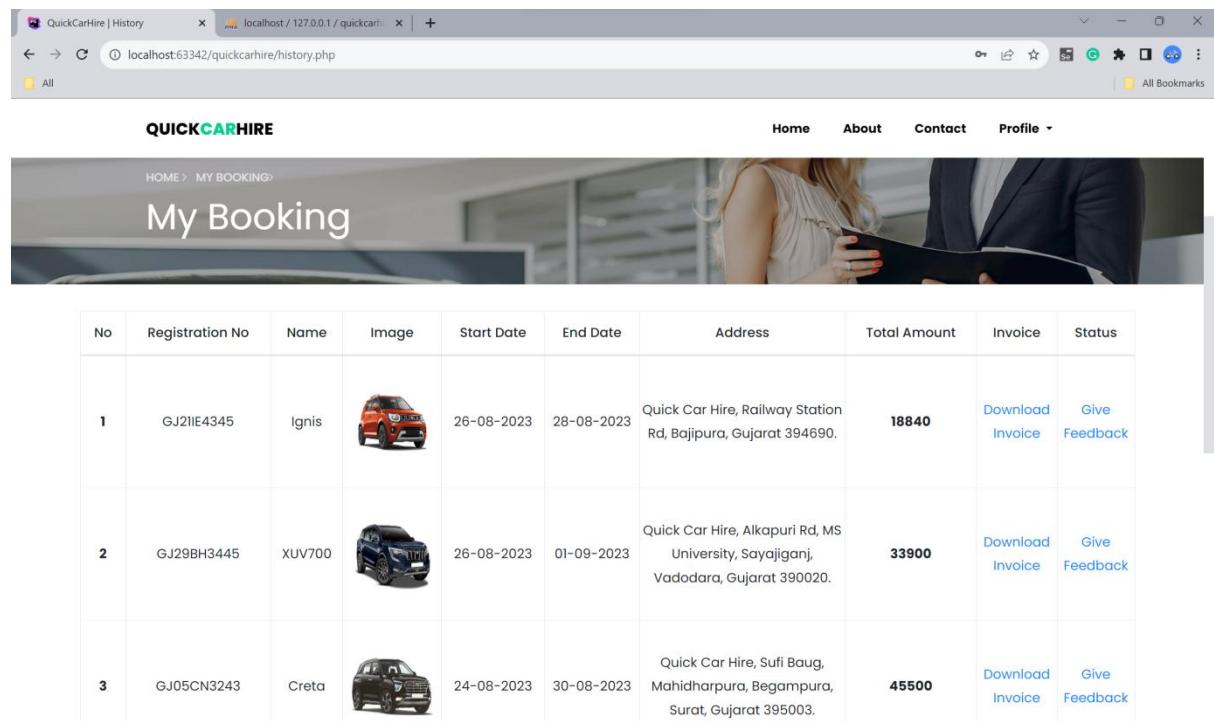
| | |
|--|---|
| Purpose of the UI | The main purpose of this page is to let the customer have the basic information of Booking. |
| Used control with justification | Navigation, Button, Image, Input |
| Associated tables | car, car_category, offer and booking |
| Data In | Offer code |
| Data Out | All the information related cars and car category can be seen here and booking. |
| Data Validation | Offer code is valid and Offer is active. |

4. Payment Page



| | |
|--|---|
| Purpose of the UI | The main purpose of this page is to let the customer have the basic information of Payment. |
| Used control with justification | Navigation, Button, Image, Input |
| Associated tables | Booking, Payment |
| Data In | Card No, Bank Details |
| Data Out | All the information related booking and payment. |
| Data Validation | Payment Success and Failure |

5. Booking History Page



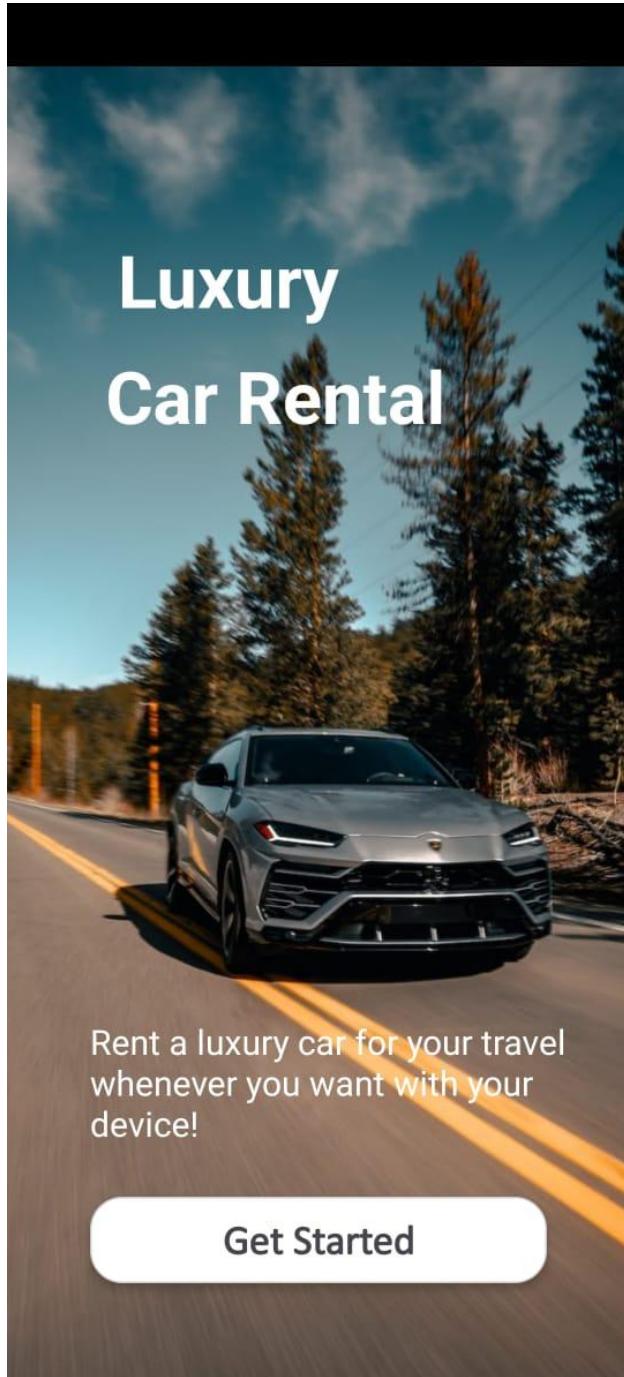
The screenshot shows a web browser window for 'localhost / 127.0.0.1 / quickcarhire' with the title 'QuickCarHire | History'. The page header includes 'QUICKCARHIRE' logo, 'Home', 'About', 'Contact', 'Profile', and navigation links 'HOME > MY BOOKING'. The main content area is titled 'My Booking' with a background image of two people. Below is a table listing three bookings:

| No | Registration No | Name | Image | Start Date | End Date | Address | Total Amount | Invoice | Status |
|----|-----------------|--------|--|------------|------------|---|--------------|----------------------------------|-------------------------------|
| 1 | GJ2IIIE4345 | Ignis |  | 26-08-2023 | 28-08-2023 | Quick Car Hire, Railway Station Rd, Bajipura, Gujarat 394690. | 18840 | Download Invoice | Give Feedback |
| 2 | GJ29BH3445 | XUV700 |  | 26-08-2023 | 01-09-2023 | Quick Car Hire, Alkapuri Rd, MS University, Sayajiganj, Vadodara, Gujarat 390020. | 33900 | Download Invoice | Give Feedback |
| 3 | GJ05CN3243 | Creta |  | 24-08-2023 | 30-08-2023 | Quick Car Hire, Sufi Baug, Mahidarpura, Begampura, Surat, Gujarat 395003. | 45500 | Download Invoice | Give Feedback |

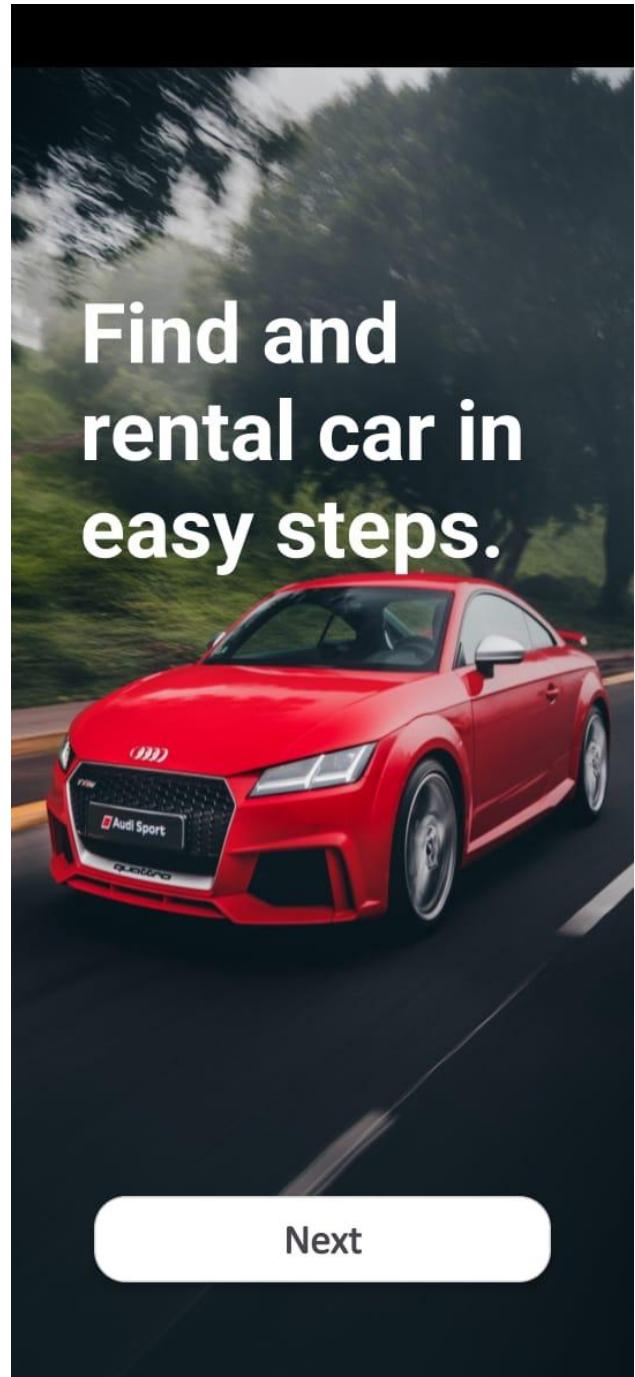
| | |
|--|--|
| Purpose of the UI | The main purpose of this page is to let the customer have the basic information of Booking History data. |
| Used control with justification | Navigation, Button, Image |
| Associated tables | Booking, City |
| Data In | - |
| Data Out | All the information related booking history. |
| Data Validation | Status(Give Feedback, Cancel Booking) |

2.5 Mobile UI Design

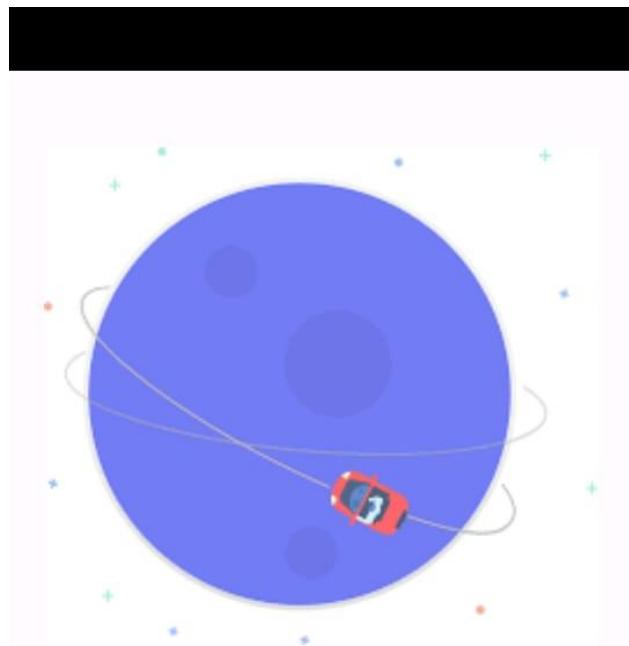
1) Splash Screen



2) Splash Screen



3) Splash Screen



Need a car?

Rent it quickly now!

You can choose your ideal car and book it easily with Quick Car Hire.

4) Login Screen



Hey there,

Welcome Back

drupeneye@gmail.com

.....

[Forgot Your Password?](#)

Login

Don't have an account ? [Sign Up](#)

Continue

5) Registration Screen

13:53

Hey there,

Create an Account

Email

Password

Confirm Password

By Creating an account,you agree to our /n Condition of use and privacy notice

Registration

Already Have an account ? [Sign In](#)

6) Profile Screen

12:46

Name
Drupen

Phone number
8967354499

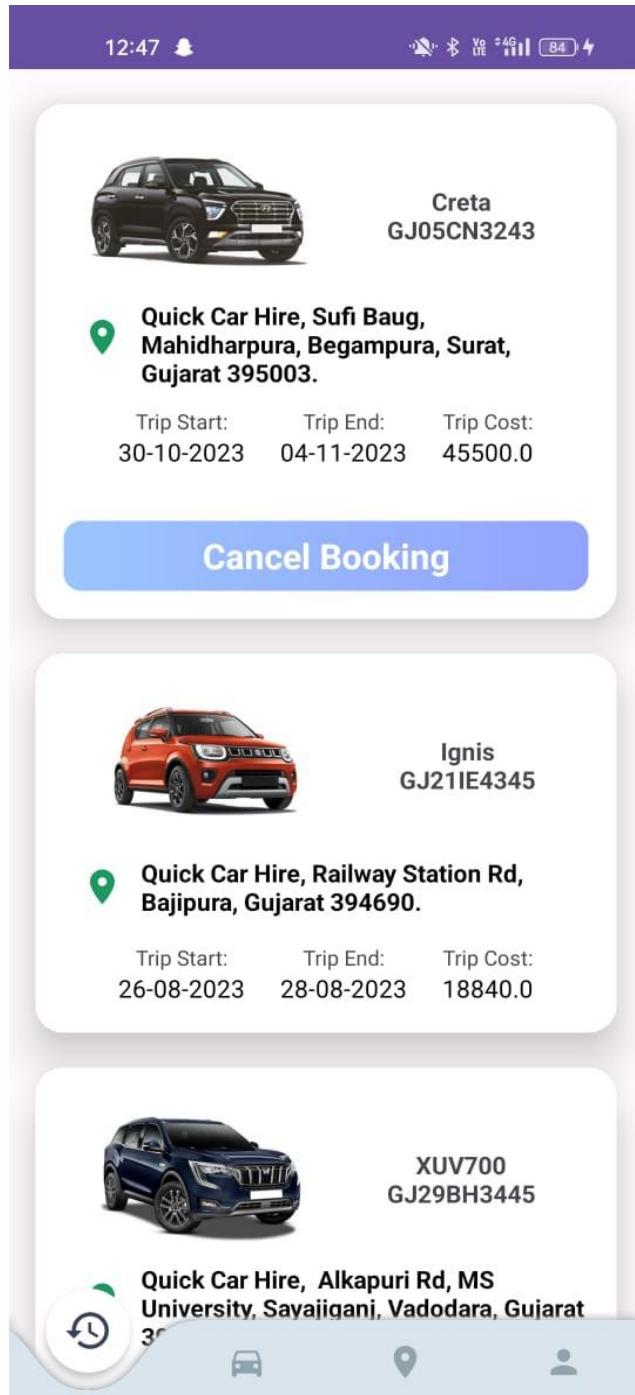
Email
drupeneye@gmail.com

DOB
2003-01-17

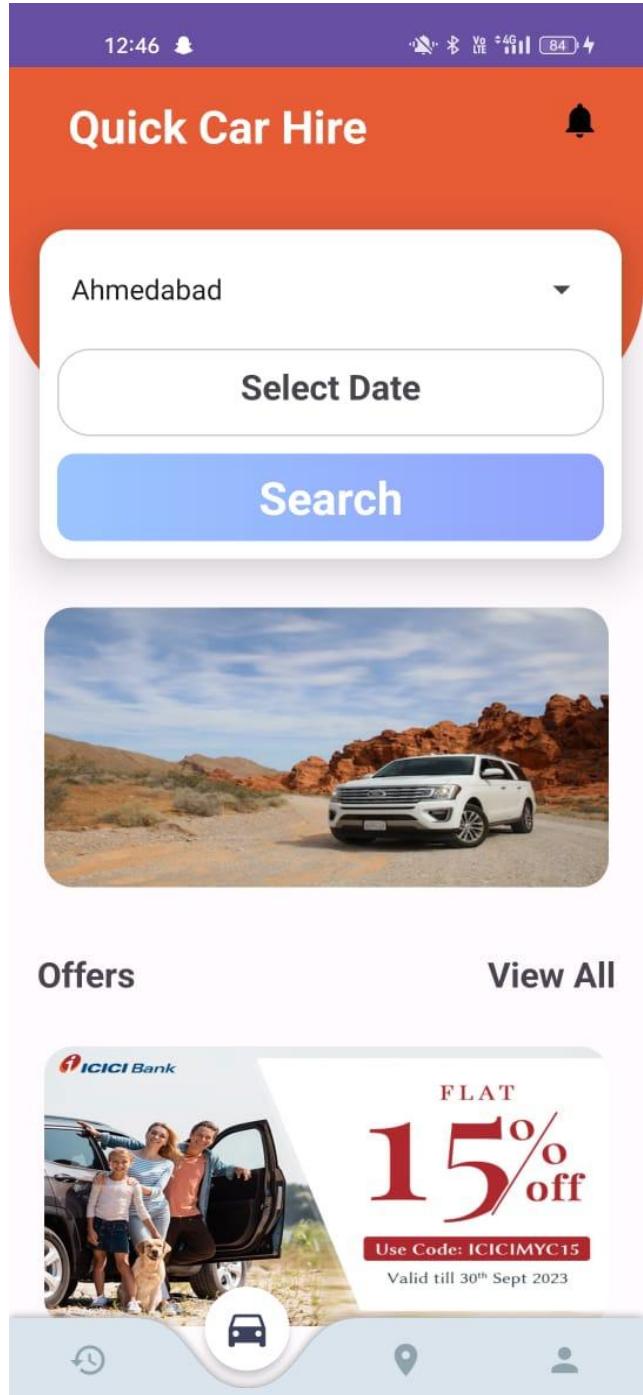
Aadhar Card
478395045463

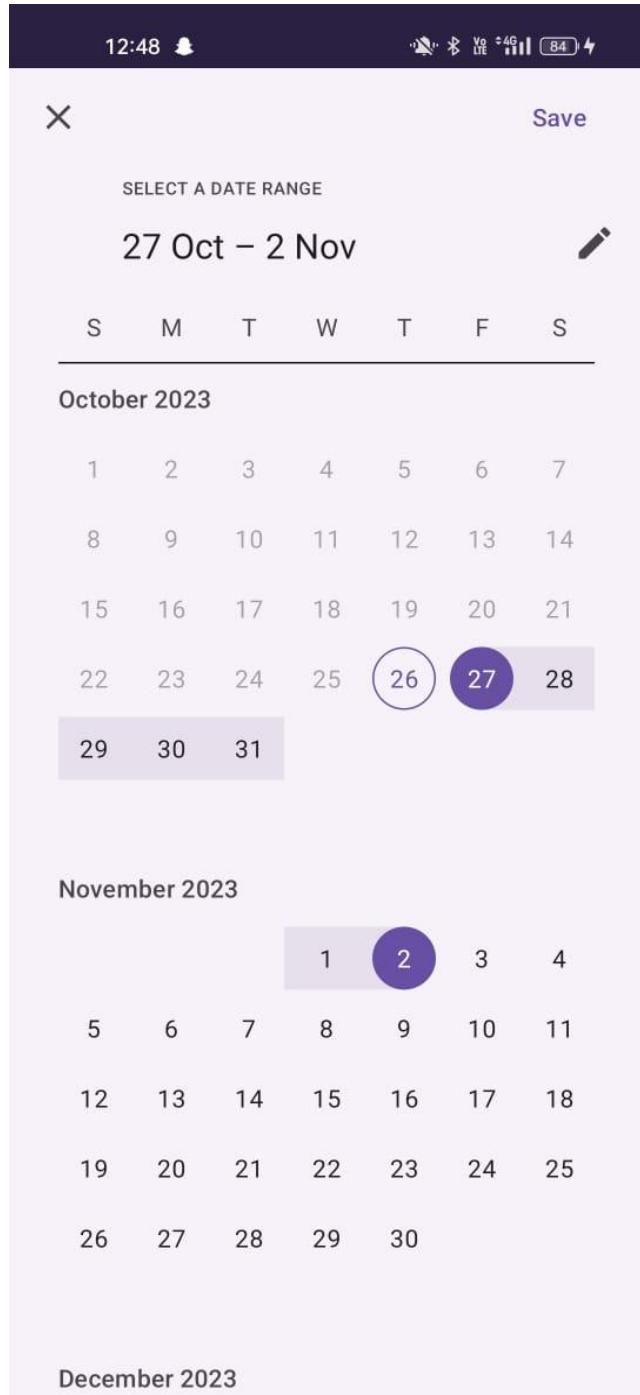
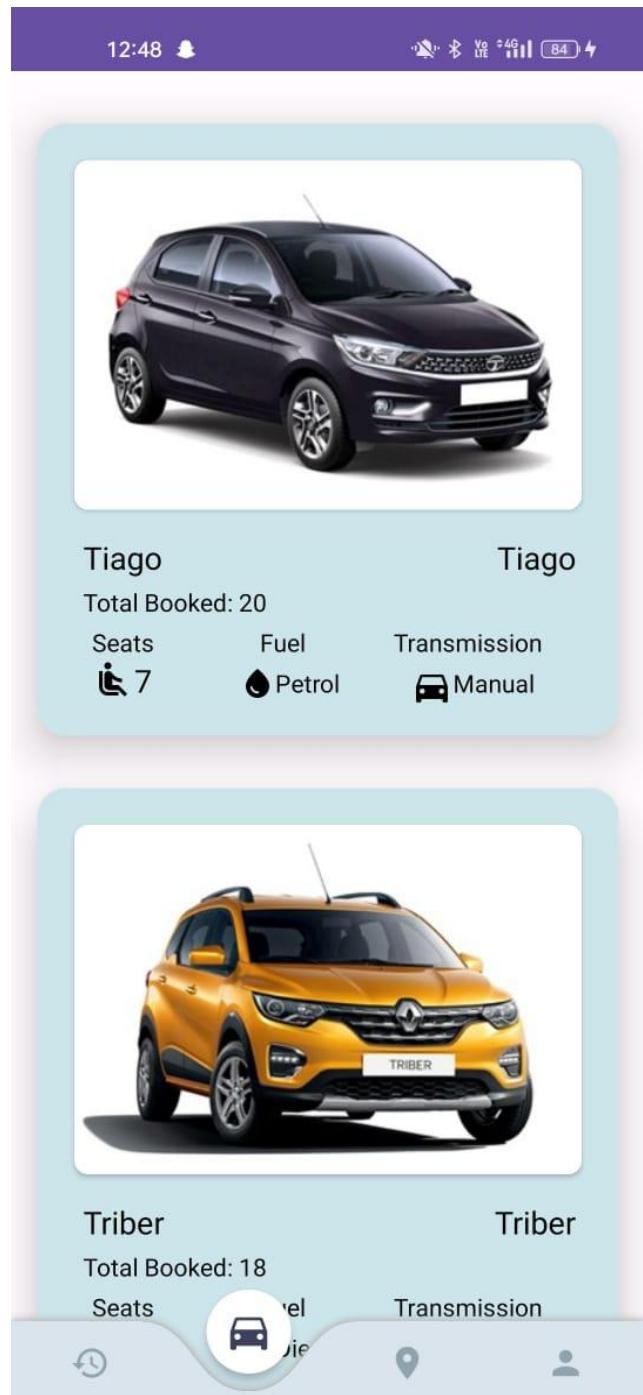
Driving Licence
GJ0988798676388

7) Booking History Screen

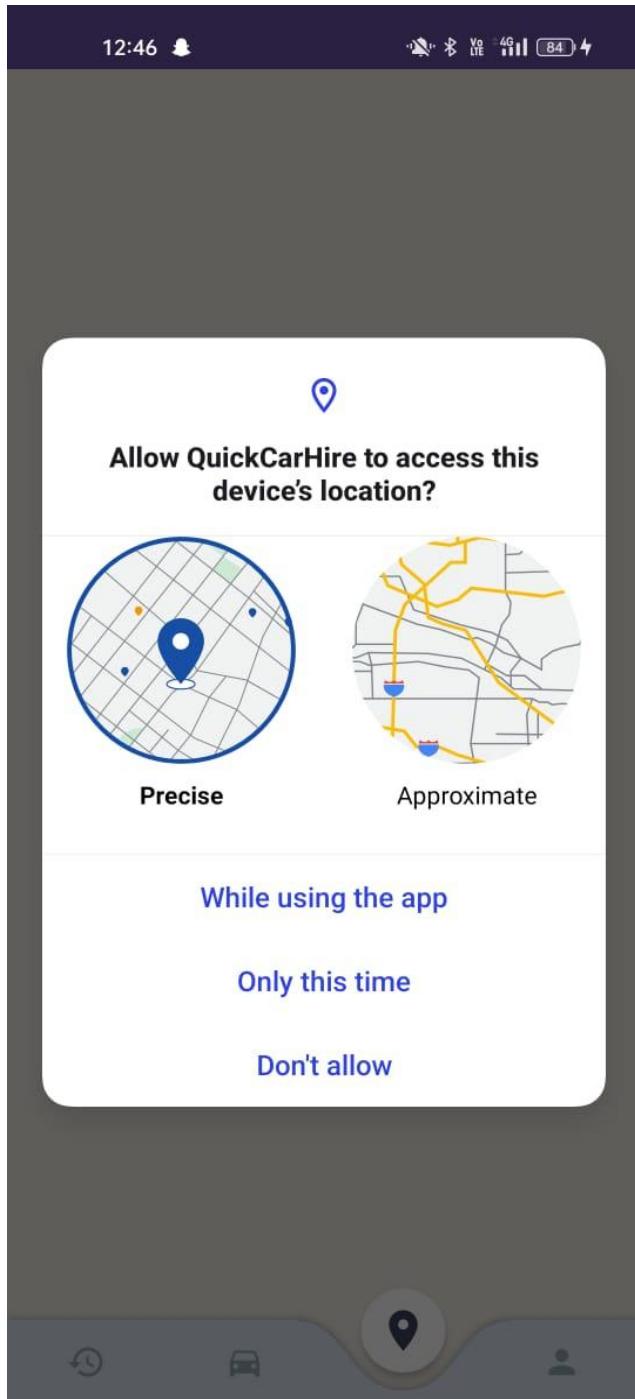


8) Home Screen

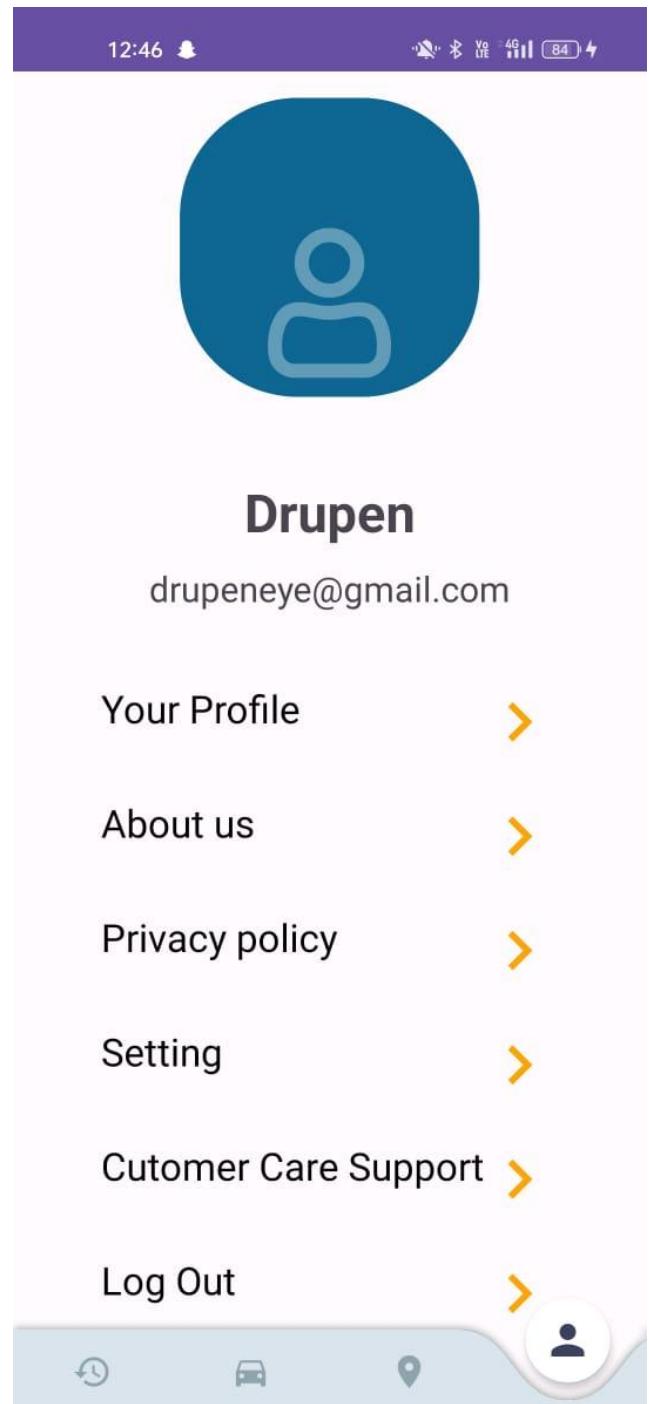


9) Time Duration Screen**10) Car Screen**

11) Map Screen



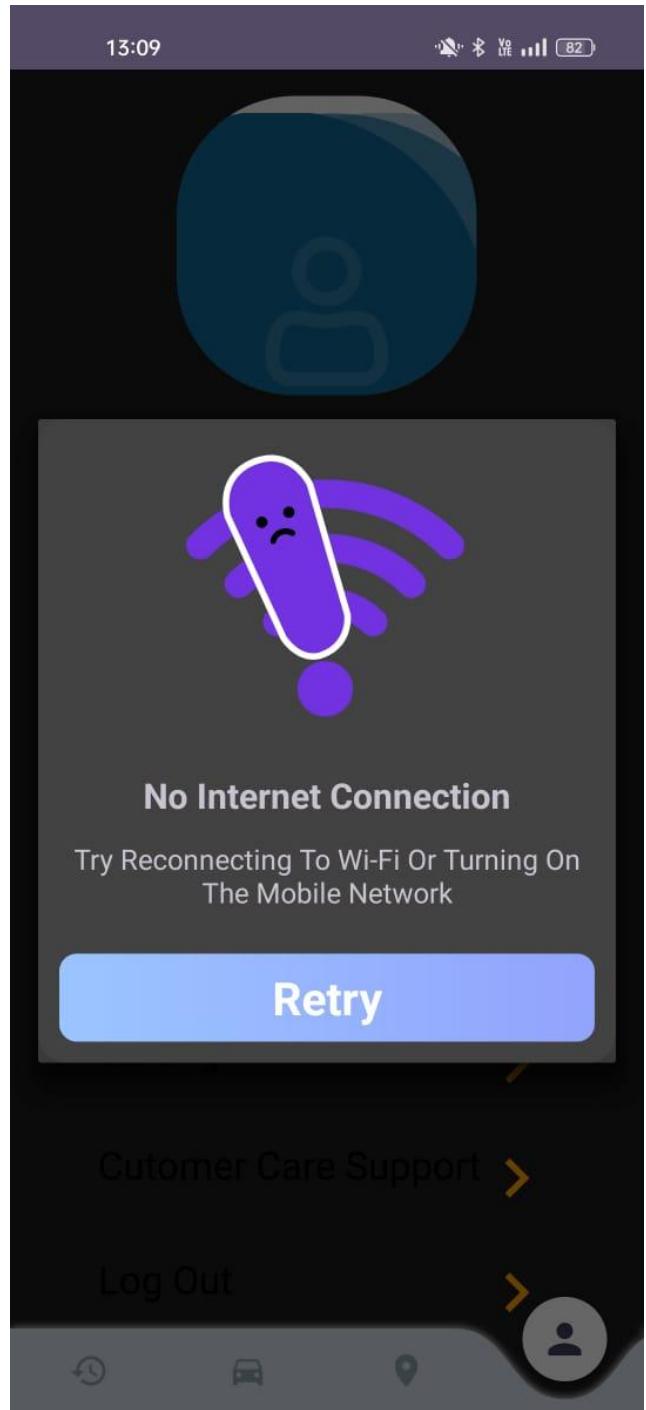
12) Menus Screen



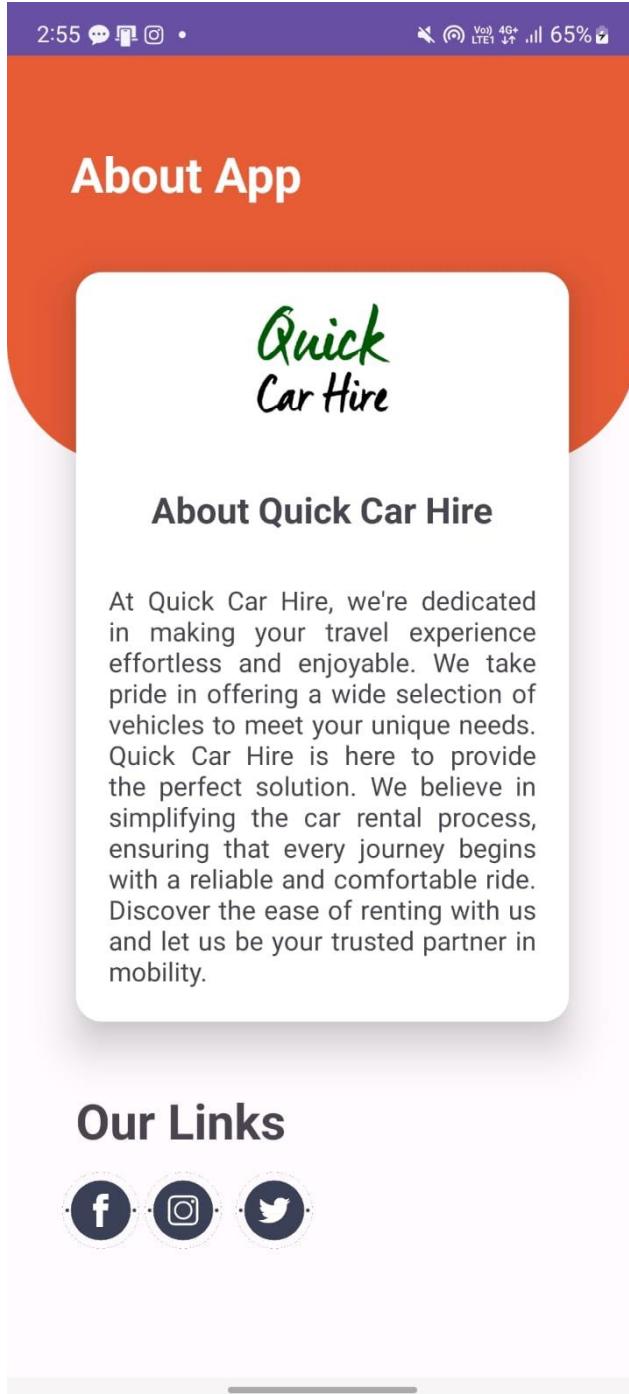
13) Contact Screen



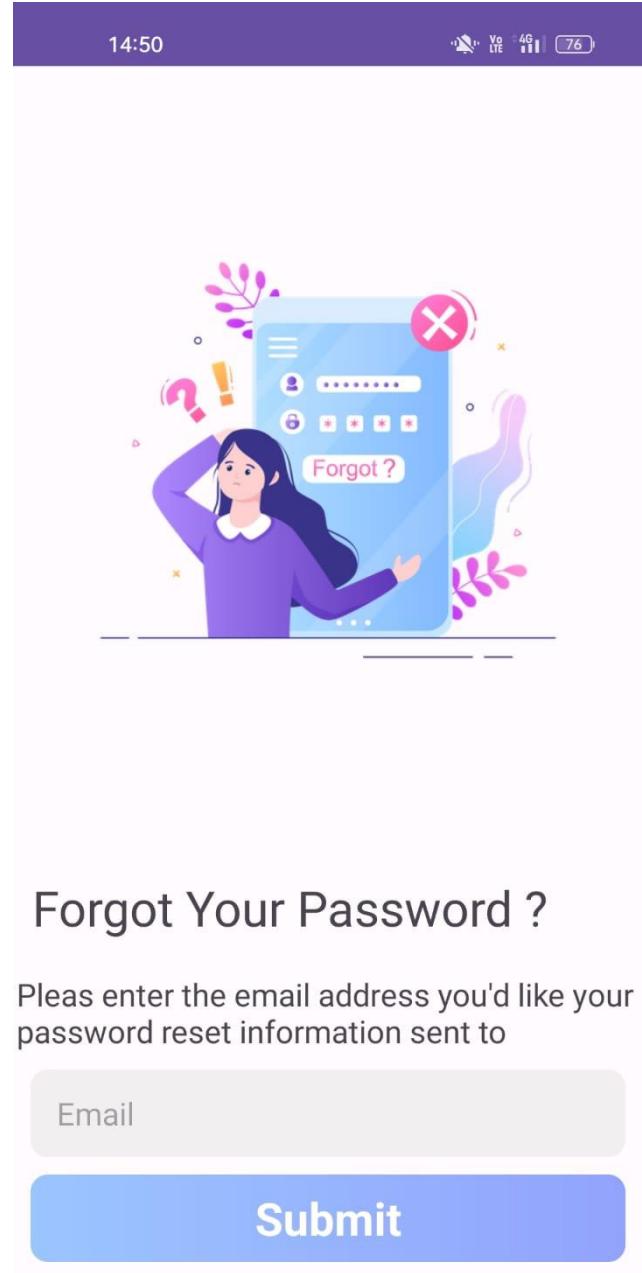
14) No Internet Screen



15) About Us Screen



16) Forget Password Screen



Chapter-3 Coding Standard

3.1 Standard Coding

1. Database name must project name and lower case.
2. Variable names should be meaningful.
3. No more than one statement per line.
4. Avoid the use of digits in variable name.
5. There should be one blank line after single control code block.

3.2 Critical Code

1. Mail sent Code

Code:

```
<?php
function sendMail($email, $otp) {
    require ("PHPMailer/Exception.php");
    require ("PHPMailer/PHPMailer.php");
    require ("PHPMailer/SMTP.php");
    $mail = new PHPMailer(true);

    try {
        $mail->isSMTP();
        $mail->Host = 'smtp.gmail.com';
        $mail->SMTPAuth = true;
        $mail->Username = 'quickcarhire.india@gmail.com';
        $mail->Password = 'zltmzgqhqqedugh';
        $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;
        $mail->Port = 465;

        $mail->setFrom(' quickcarhire.india@gmail.com', 'OTP Varification ');
        $mail->addAddress($email);
        $mail->isHTML(true);
        $mail->Subject = 'OTP verification Quick car hire';
        $mail->Body = '$otp';
        $mail->send();
        echo 'Message has been sent';
    } catch (Exception $e) {
        echo "<script> alert('Message could not be sent. Mailer Error: {$mail->ErrorInfo}')</script>";
    }
}?
?>
```

Justification:- This PHP code snippet defines a function called sendMail that is used for sending an email with an OTP (One-Time Password) to a given email address. The code utilizes the PHPMailer library to facilitate the email sending process.

2. Payment Code

Code:

```
<script>
var options = {
    "key": "rzp_test_Pfm4BfCRvIiLWz",
    "amount": "50000",
    "currency": "INR",
    "name": "Quick Car Hire",
    "description": "Test Transaction",
    "image": "https://example.com/your_logo",
    "handler": function (response) {
        console.log(response);
    }
};
var rzp1 = new Razorpay(options);
rzp1.on('payment.failed', function (response) {
    alert(response.error.code);
    alert(response.error.description);
});
document.getElementById('rzp-button1').onclick = function (e) {
    rzp1.open();
    e.preventDefault();
}
</script>
```

Justification:- This JavaScript code snippet is used to integrate the Razorpay payment gateway into a web page for processing online payments. This code integrates the Razorpay payment gateway into a web page, allowing users to make online payments.

3.3 Webpage code

→ **Procedure :-**

```
CREATE DEFINER=`id21008230_quickcarhire`@`%` PROCEDURE `InsertCity` (IN
`p_City_Id` VARCHAR(10), IN `p_City` VARCHAR(255), IN `p_Mobile` VARCHAR(255),
IN `p_Email` VARCHAR(255), IN `p_Address` VARCHAR(255))
BEGIN
    INSERT INTO city (City_Id, City, Mobile, Email, Address)
    VALUES (p_City_Id, p_City, p_Mobile, p_Email, p_Address);

    END$$
```

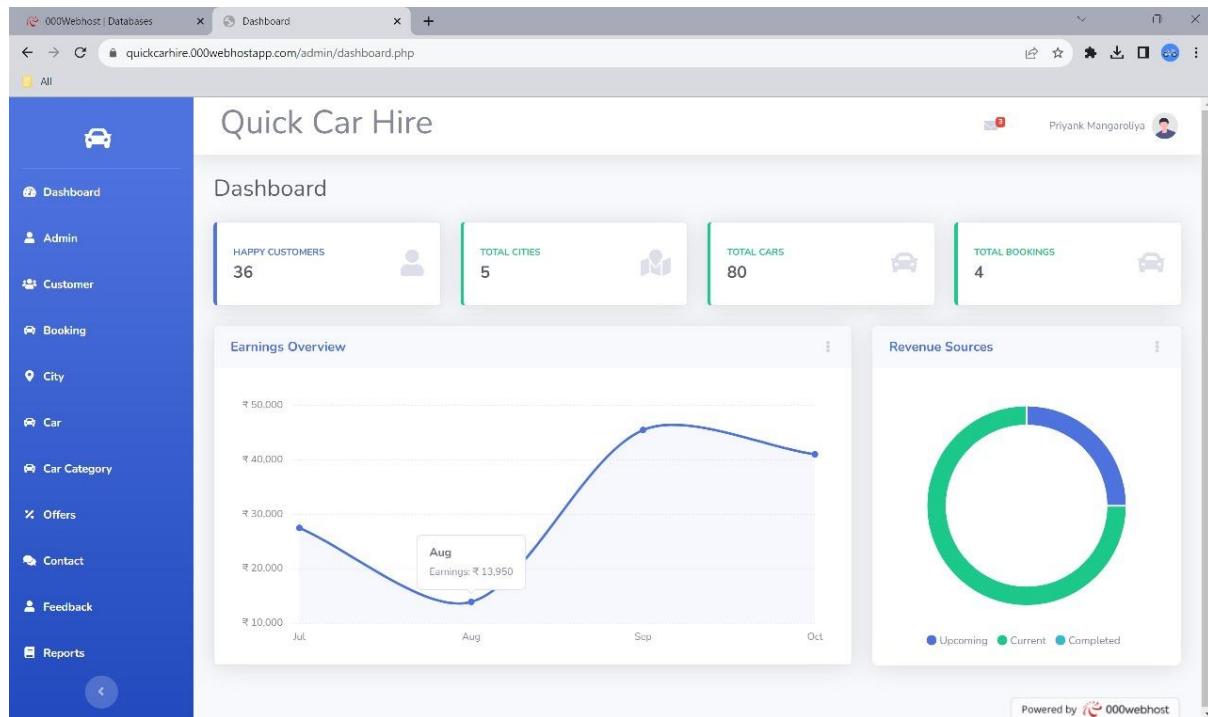
3.4 Description of APIs, Libraries, Plug-ins, Web services

| External Library | Description |
|---|---|
| → "key": "rzp_test_Pfm4BfCRvIiLWz" | This is the public key provided by Razorpay for your account. It is used to identify your account when making API calls. |
| <pre data-bbox="187 534 922 889"> → use PHPMailer\PHPMailer\PHPMailer; → use PHPMailer\PHPMailer\SMTP; → use PHPMailer\PHPMailer\Exception; require ("PHPMailer/Exception.php"); require ("PHPMailer/PHPMailer.php"); require ("PHPMailer/SMTP.php"); </pre> | The code begins by including the necessary PHPMailer library files (Exception.php, PHPMailer.php, and SMTP.php) using the require statement. This ensures that the required classes and functions from the PHPMailer library are available for use. |
| → https://kit.fontawesome.com/be19cf8b62.js | Font Awesome is a collection of scalable vector icons that can be customized in size, color, drop shadow, and anything that can be done with the power of CSS. |
| → https://code.jquery.com/jquery-1.12.4.js | jQuery is a popular open-source JavaScript library that simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development. |
| → https://quickcarshire.000webhostapp.com/API/car.php → https://quickcarshire.000webhostapp.com/API/City.php → https://quickcarshire.000webhostapp.com/API/History.php | We have created this web services to fetch and display data in our Mobile Application. |

Chapter-4 Dashboard and Reports

4.1 Dashboard View

1. Administrator Dashboard



| | |
|--------------------------|---|
| Purpose of the UI | The main purpose of this page is to let admin know about total number of customers, cars, bookings, city. |
| Associated tables | Customer, Car, Booking, City |
| Data In | - |
| Data Out | Total number of Customer, Car, Booking, City and Chats |

2. Employees Dashboard

The screenshot shows the employees dashboard for Quick Car Hire. The left sidebar contains navigation links for Dashboard, Admin, Customer, Booking, City, Car, Car Category, Offers, Contact, Feedback, and Reports. The main area displays key statistics: Happy Customers (36), Total Offers (2), Total Cars (17), and Total Bookings (2). Below these are two tables: 'Pick up Cars Today' and 'Drop off Cars Today'. The 'Pick up Cars Today' table shows one record with details: Name (parthbhanusali002@gmail.com), Car Number (GJ05DJ2298), and Total Amount (41039). The 'Drop off Cars Today' table shows one record with details: Name (drupenEYE@gmail.com), Car Number (GJ29HY3673), and Total Amount (13950).

| | |
|--------------------------|---|
| Purpose of the UI | The main purpose of this page is to know which customer is going to pickup booked car and which customer is going to drop-off booked car and total number of customers, cars, bookings, offers. |
| Associated tables | Booking |
| Data In | - |
| Data Out | Pick up Cars and Drop off Cars Today by Customer and Total Number of Customers, Cars, Bookings, Offers. |
| Data Validation | - |

4.2 User wise TPS/MIS/DSS Reports

1. TPS Reports

The screenshot shows the Admin Dashboard of the Quick Car Hire application. The left sidebar contains navigation links for Dashboard, Admin, Customer, Booking, City, Car, Car Category, Offers, Contact, Feedback, and Reports. The main content area is titled 'Dashboard' and displays four summary boxes: 'HAPPY CUSTOMERS 36', 'TOTAL OFFERS 2', 'TOTAL CARS 17', and 'TOTAL BOOKINGS 2'. Below these are two tables: 'Pick up Cars Today' and 'Drop off Cars Today'. The 'Pick up Cars Today' table has columns for No, Name, Car Number, and Total Amount, showing one entry for parthbhanusali002@gmail.com with car number GJ05DJ2298 and total amount 41039. The 'Drop off Cars Today' table has columns for No, Name, Car Number, and Total Amount, showing one entry for drupenEYE@gmail.com with car number GJ29HY3673 and total amount 13950.

| No | Name | Car Number | Total Amount |
|----|-----------------------------|------------|--------------|
| 1 | parthbhanusali002@gmail.com | GJ05DJ2298 | 41039 |

| No | Name | Car Number | Total Amount |
|----|---------------------|------------|--------------|
| 1 | drupenEYE@gmail.com | GJ29HY3673 | 13950 |

| | |
|--------------------------|---|
| Purpose of the UI | The main purpose of this page is to know which customer is going to pickup booked car and which customer is going to drop-off booked car. |
| Associated tables | Booking |
| Data In | - |
| Data Out | Pick up Cars and Drop off Cars Today by Customer |
| Data Validation | Current day bookings |

2. MIS Reports

The screenshot shows the 'Total Car' report page. On the left is a sidebar with navigation links: Dashboard, Admin, Customer, Booking, City, Car, Car Category, Offers, Contact, Feedback, and Reports. The main area has a title 'Quick Car Hire' and a sub-section 'Total Car'. It includes filters for 'City' (Surat) and 'Car brand' (Hyundai), and a 'Search' button. Below is a table with columns: No, Registration No, Car Name, Status, Category Id, and Car hire cost. The table contains four rows of data.

| No | Registration No | Car Name | Status | Category Id | Car hire cost |
|----|-----------------|---------------|----------|-------------|---------------|
| 1 | GJ05BV2849 | Alcazar | Active | CFV3243432 | 17 |
| 2 | GJ05CN3243 | Creta | Active | CFV3243432 | 20 |
| 3 | GJ05DF3223 | Tucson | Deactive | CFV3243432 | 19 |
| 4 | GJ05HB2824 | Kona Electric | Deactive | CFV3243432 | 17 |

| | |
|--------------------------|--|
| Purpose of the UI | The main purpose of this page is to let admin input a city and a car brand and it will show how many cars are available in that particular city. |
| Associated tables | Car, City |
| Data In | City and Brand |
| Data Out | Total Cars |
| Data Validation | - |

3. DSS Reports

The screenshot shows the 'Total Bookings' report page. The sidebar on the left lists various administrative and reporting functions. The main area displays a table of bookings with the following data:

| No | Email Id | Car Number | Total Amount |
|--------------|-----------------------------|------------|--------------|
| 1 | hetpatel007@gmail.com | GJ01EU4836 | 27536 |
| 2 | parthbhanusali002@gmail.com | GJ05DJ2298 | 41039 |
| 3 | drupenEYE@gmail.com | GJ29HY3673 | 13950 |
| 4 | drupenEYE@gmail.com | GJ05CN3243 | 45500 |
| Total Amount | | | 128025 |

| | |
|--------------------------|--|
| Purpose of the UI | The main purpose of this page is to let admin input Input from date and to date to get all the booking done. |
| Associated tables | Booking |
| Data In | From date and To date |
| Data Out | Total Car, Bookings and Payment |
| Data Validation | To Date : - We can not select previous date of from date. |

Chapter-5 Testing

1) Manual Testing

- Functional Testing
- Usability Testing
- User Interface Testing
- Dataflow Testing
- Control Flow Testing

2) Automation Testing

- API Testing (Postman)
- Web Application Testing (Selenium)

Postman:-

Postman is an API (application programming interface) development tool which helps to build, test and modify APIs. Almost any functionality that could be needed by any developer is encapsulated in this tool.

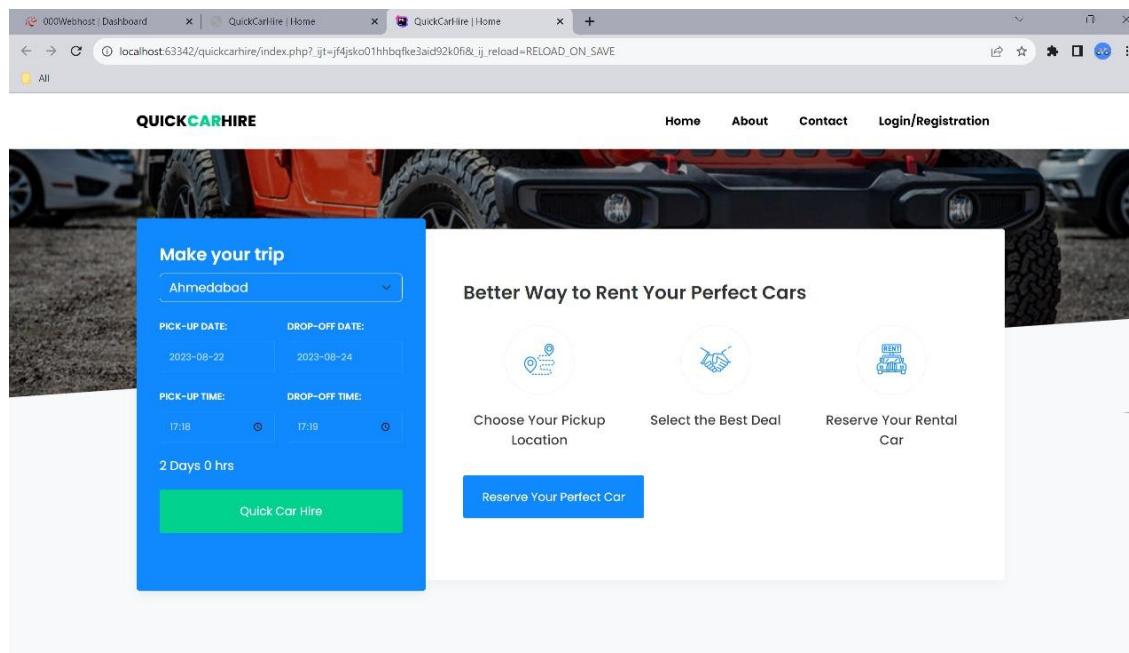
Selenium:-

Selenium is a popular open-source software testing framework used for automating web applications. It is widely used for functional testing, regression testing, and performance testing.

5.1 Manual Testing

5.1.1 Search Car Functional Testing

| Test Case Id | Test Case Name | Test Data | Expected Result | Actual Result | Result |
|--------------|----------------|--|---|---|--------|
| TC01 | Check Date | PICK-UP DATE : 23-03-2023 DROP-OFF DATE: 24-03-2023 --Valid Data | Pick up Date :- We can not select previous date of current date. Drop off Date : - We can not select previous date of pick up date | Pick up Date :- We can not select previous date of current date. Drop off Date : - We can not select previous date of pick up date | Pass |
| TC02 | Check Date | PICK-UP DATE : 23-03-2023 DROP-OFF DATE: 24-03-2023 City : Surat --Valid Data | It will show all the selected city car. | It will show all the selected city car. | Pass |



5.1.2 View Car Usability Testing

| | |
|------------------------|---|
| Test Case Id | TC01 |
| Description | Evaluate the user-friendliness of View Car. |
| Test Step | <ol style="list-style-type: none"> 1) Select City. 2) Select Time Duration. 3) Click on “Quick Car Hire” Button. |
| Expected Result | View All Available Cars in Selected City. |
| Actual Result | View All Available Cars in Selected City. |
| Status | Pass |
| Remarks | The process of viewing a car is user-friendly. |

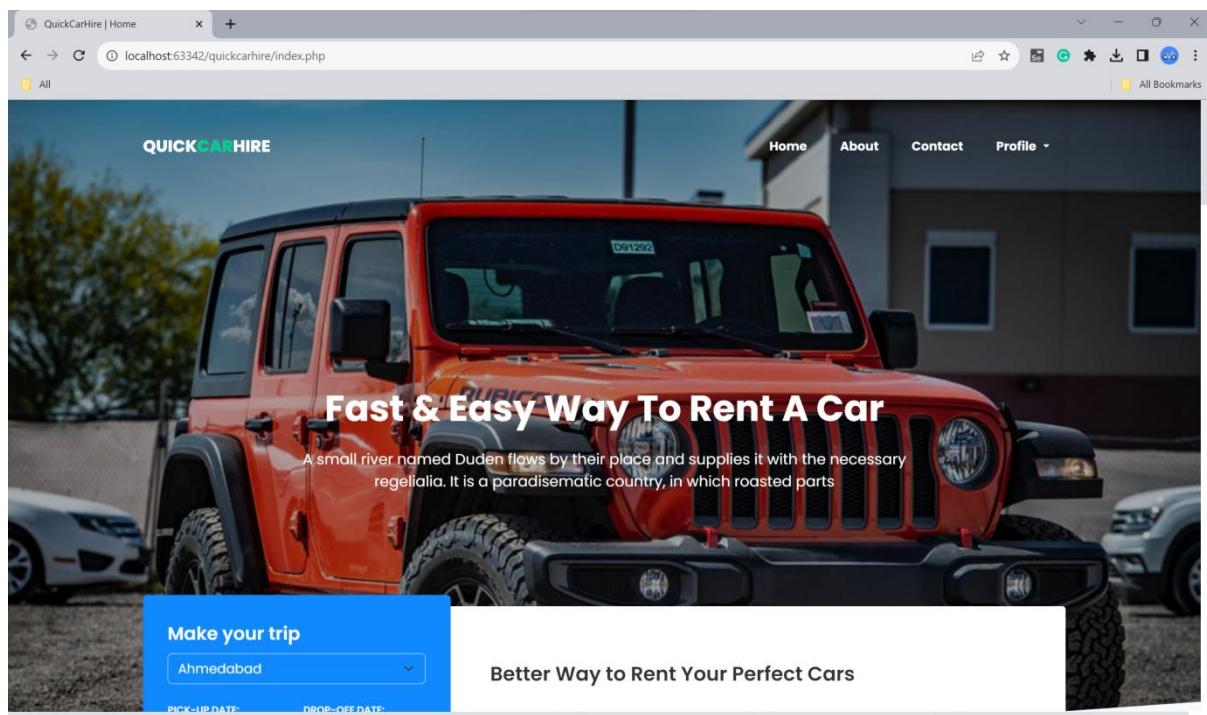
The screenshot shows a web browser window with three tabs: '000WebHost | Dashboard', 'QuickCarHire | Home', and 'QuickCarHire | Car'. The 'QuickCarHire | Car' tab is active, displaying the URL 'localhost:63342/quickcarhire/car.php'. The main content area is titled 'Available Cars' and features three cards for different vehicle models:

- Tribet** (Renault): A yellow SUV. Details: 5 People, 18, ₹ 8064, Petrol, Manual. Buttons: 'Rent now'.
- Alto** (Maruti Suzuki): A red hatchback. Details: 5 People, 22, ₹ 7680, Petrol, Manual. Buttons: 'Rent now'.
- Outlander** (Mitsubishi): A silver SUV. Details: 5 People, 15, ₹ 7296, Petrol, Manual. Buttons: 'Rent now'.

Below these cards, there are partial views of other car cards: a red hatchback, a black SUV, and a grey SUV.

5.1.3 Home Page User Interface Testing

| | |
|------------------------|--|
| Test Case Id | TC01 |
| Description | Evaluate the user interface testing. |
| Test Step | 1) Open Web Application |
| Expected Result | Proper Navigation and Application Design. |
| Actual Result | Proper Navigation and Application Design. |
| Status | Pass |
| Remarks | The process of checking proper user interface. |



5.1.4 Booking History Database Testing

| | |
|------------------------|---|
| Test Case Id | TC01 |
| Description | Evaluate the data retrieval from database. |
| Test Step | 1) Login mandatory. 2) Open Booking History page. |
| Expected Result | All booking history data fetch and display from the database. |
| Actual Result | All booking history data fetch and display from the database. |
| Status | Pass |
| Remarks | The process of displaying retrieved data from database. |

| No | Registration No | Name | Image | Start Date | End Date | Address | Total Amount | Invoice | Status |
|----|-----------------|--------|-------|------------|------------|---|--------------|----------------------------------|-------------------------------|
| 1 | GJ21IE4345 | Ignis | | 26-08-2023 | 28-08-2023 | Quick Car Hire, Railway Station Rd, Bajipura, Gujarat 394690. | 18840 | Download Invoice | Give Feedback |
| 2 | GJ29BH3445 | XUV700 | | 26-08-2023 | 01-09-2023 | Quick Car Hire, Alkapuri Rd, MS University, Sayajiganj, Vadodara, Gujarat 390020. | 33900 | Download Invoice | Give Feedback |
| 3 | GJ05CN3243 | Creta | | 24-08-2023 | 30-08-2023 | Quick Car Hire, Sufi Baug, Mahidarpura, Begampura, Surat, Gujarat 395003. | 45500 | Download Invoice | Give Feedback |

5.1.5 Home and Car Page Dataflow Testing

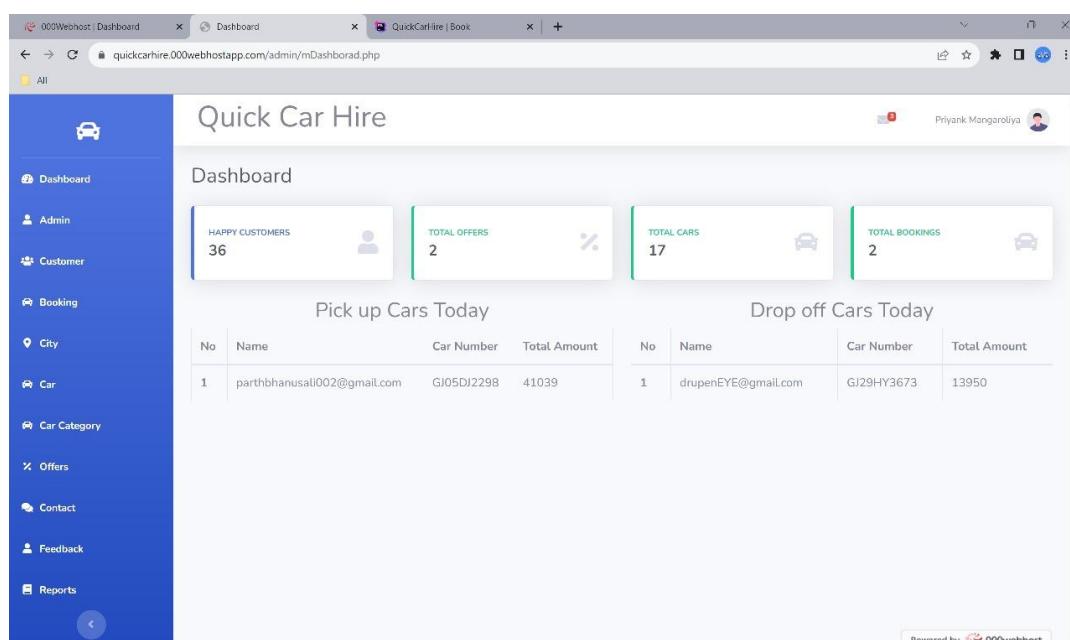
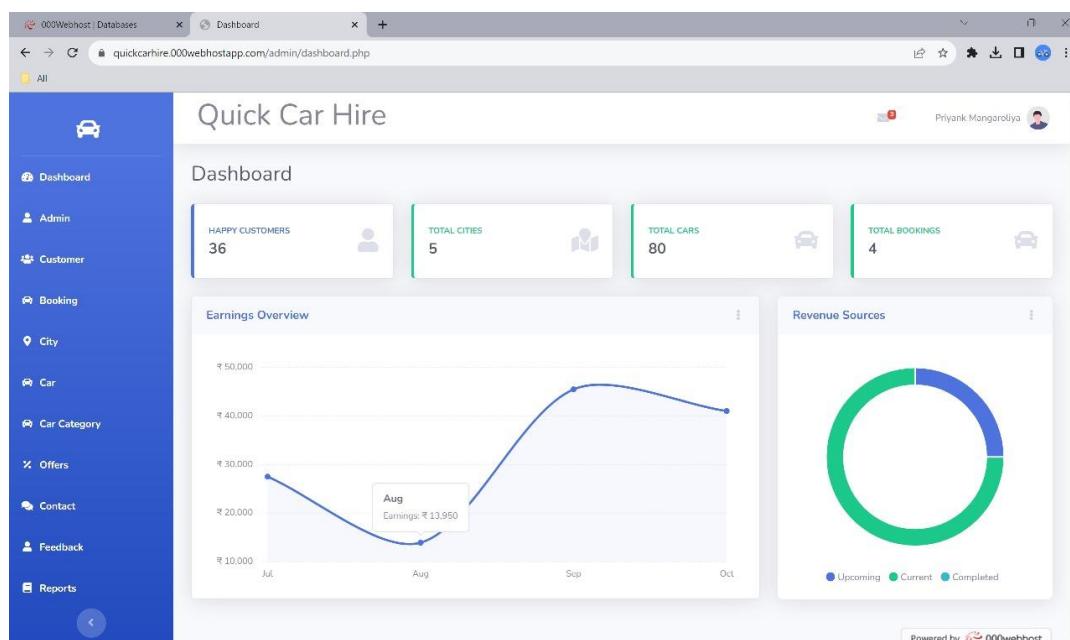
| | |
|------------------------|---|
| Test Case Id | TC01 |
| Description | Evaluate the Data Flow among pages. |
| Test Step | 1) Enter required data. 2) Click on “Quick Car Hire” Button. |
| Expected Result | All Selected data from the home page are as it is passed on car page. |
| Actual Result | All Selected data from the home page are as it is shown on car page. |
| Status | Pass |
| Remarks | The process of getting same data from one page to another. |

The screenshot shows the QuickCarHire Home page. A modal window titled "Make your trip" is open. It contains fields for "PICK-UP DATE" (2023-10-27), "DROP-OFF DATE" (2023-10-30), "PICK-UP TIME" (12:01), and "DROP-OFF TIME" (12:04). Below these, it shows "3 Days 0 hrs". At the bottom of the modal is a green button labeled "Quick Car Hire". To the right of the modal, there is a sidebar with the heading "Better Way to Rent Your Perfect Cars" and three buttons: "Choose Your Pickup Location", "Select the Best Deal", and "Reserve Your Rental Car". Below these buttons is a blue button labeled "Reserve Your Perfect Car".

The screenshot shows the QuickCarHire Car page. At the top, there is a search bar with dropdowns for "City" (Ahmedabad), "Pick-up date" (2023-10-27), "Drop-off date" (2023-10-30), "Pick-up time" (12:01), and "Drop-off time" (12:04). Below this, there is a section titled "Available Cars" featuring three car models: Tiago, Triber, and Alto. Each car has a thumbnail image, the model name, the number of seats, the fuel type, and the number of times booked. Above the car cards, there is a "Km plan" section with three buttons: "576 KMS", "792 KMS", and "1080 KMS".

5.1.6 Booking History Control Flow Testing

| | |
|------------------------|--|
| Test Case Id | TC01 |
| Description | Evaluate the Control Flow. |
| Test Step | 1) Role-Based Authentication. |
| Expected Result | Accordingly pages will be shown. |
| Actual Result | Accordingly pages will be shown. |
| Status | Pass |
| Remarks | The process of displaying pages according to the role. |



5.2 Automation Testing

5.2.1 API Testing using Postman

Registration

The screenshot shows the Postman interface with a collection named 'New Collection' containing a 'registration' endpoint. The request URL is <https://quickcarhire.000webhostapp.com/API/registration.php?email=shubhamlathiya2004@gmail.com&password=Shubham@704&cpassword=S>. The response status is 200 OK, time is 2.62 s, and size is 353 B. The response body is:

```

1: {
2:   "status": "success",
3:   "message": "Registration successful. An OTP has been sent to your email."
4: }

```

Login

The screenshot shows the Postman interface with a collection named 'New Collection' containing a 'Login' endpoint. The request URL is <https://quickcarhire.000webhostapp.com/API/Login.php?email=bhavik@gmail.com&password=Bhavik@0300>. The response status is 200 OK, time is 912 ms, and size is 331 B. The response body is:

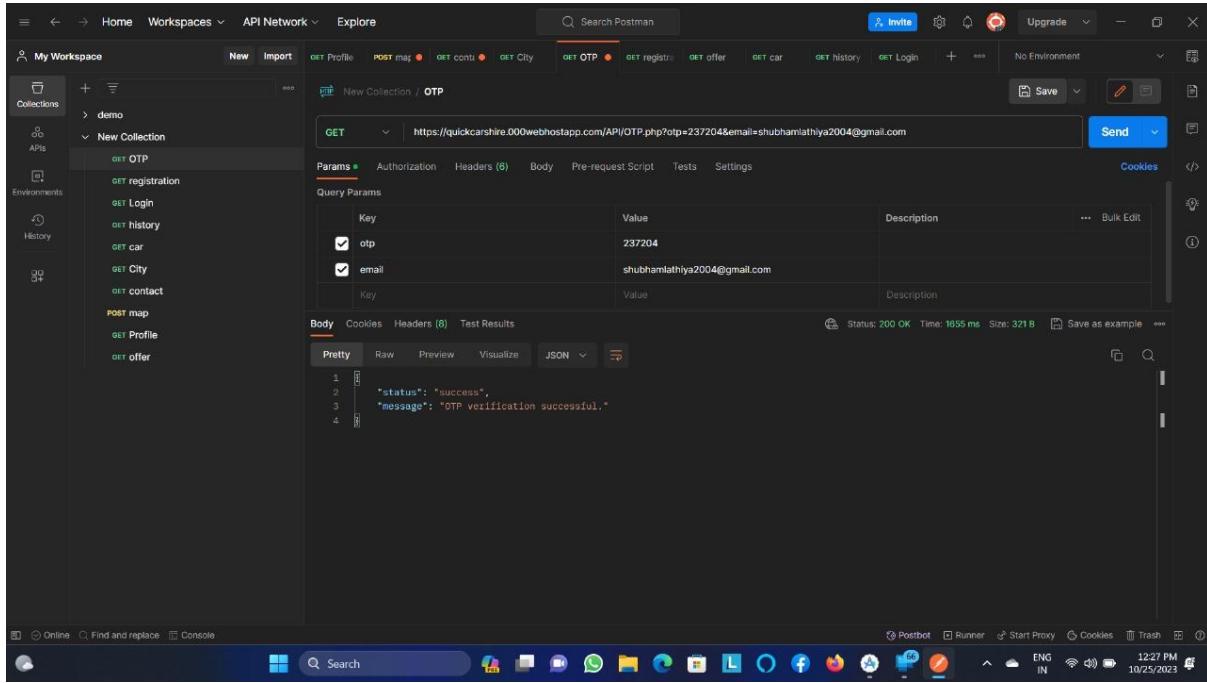
```

1: {
2:   "status": "success",
3:   "message": "Login successful",
4:   "user_email": "bhavik"
5: }

```

Quick Car Hire

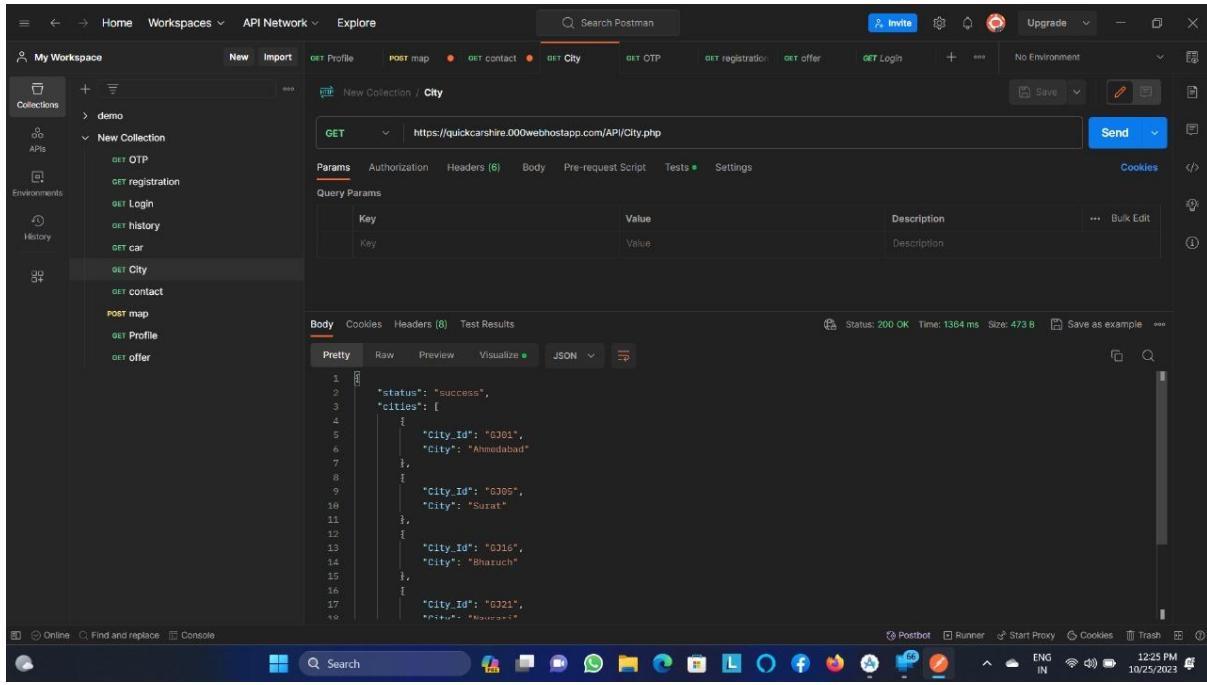
OTP



The screenshot shows the Postman application interface. The left sidebar displays a collection named 'demo' containing various API endpoints such as Profile, Map, Contact, City, Login, Registration, Car, History, and Offer. The main workspace is titled 'New Collection / OTP'. A GET request is being made to the URL <https://quickcarhire.000webhostapp.com/API/OTP.php?otp=237204&email=shubhamlathiya2004@gmail.com>. The 'Params' tab shows two parameters: 'otp' with value '237204' and 'email' with value 'shubhamlathiya2004@gmail.com'. The 'Body' tab displays the response in JSON format:

```
1   {
2     "status": "success",
3     "message": "OTP verification successful."
4 }
```

City



The screenshot shows the Postman application interface. The left sidebar displays a collection named 'demo' containing various API endpoints such as Profile, Map, Contact, City, Login, Registration, Car, History, and Offer. The main workspace is titled 'New Collection / City'. A GET request is being made to the URL <https://quickcarhire.000webhostapp.com/API/City.php>. The 'Params' tab shows no parameters. The 'Body' tab displays the response in JSON format, which is a list of cities:

```
1   [
2     {
3       "status": "success",
4       "cities": [
5         {
6           "City_Id": "0301",
7           "City": "Ahmedabad"
8         },
9         {
10          "City_Id": "0305",
11          "City": "Surat"
12        },
13        {
14          "City_Id": "0316",
15          "City": "Bharuch"
16        },
17        {
18          "City_Id": "0321",
19          "City": "Vadodara"
20        }
21      ]
22    }
23  ]
```

Quick Car Hire

Car

The screenshot shows the Postman application interface. The left sidebar displays a collection named 'New Collection / car' containing several API endpoints: GET OTP, GET registration, GET Login, GET history, GET car, GET City, GET contact, POST map, GET Profile, and GET offer. The main workspace shows a GET request for 'https://quickcarshire.000webhostapp.com/API/car.php?City=GJ01&Start_Date=2023-10-15&End_Date=2023-10-20'. The 'Params' tab is selected, showing three parameters: 'City' (value: GJ01), 'Start_Date' (value: 2023-10-15), and 'End_Date' (value: 2023-10-20). The 'Body' tab shows the JSON response, which includes details about two cars: one with Registration No. GJ01EU4036 and another with GJ01EW3762.

```
1  {
2     "Registration_No": "GJ01EU4036",
3     "Car_name": "Tiago",
4     "Brand": "Tigo",
5     "Image": "GJ01EU4036.jpg",
6     "Car_hire_cost": "19",
7     "TotalRookeed": "20",
8     "CategoryInfo": [
9         {
10             "Seats": "7",
11             "Fuel": "Petrol",
12             "Transmission": "Manual"
13         }
14     ],
15 },
16 {
17     "Registration_No": "GJ01EW3762",
18     "Car_name": "Tribor",
19     "Brand": "Tigo"
20 }
```

History

The screenshot shows the Postman application interface. The left sidebar displays a collection named 'New Collection / history' containing several API endpoints: GET OTP, GET registration, GET Login, GET history, GET car, GET City, GET contact, POST map, GET Profile, and GET offer. The main workspace shows a GET request for 'https://quickcarshire.000webhostapp.com/API/history.php?email=drupenEYE@gmail.com'. The 'Params' tab is selected, showing one parameter: 'email' (value: drupenEYE@gmail.com). The 'Body' tab shows the JSON response, which lists two car rental records with IDs 1 and 2.

```
1  [
2      {
3          "id": 1,
4          "registration_no": "GJ05CN3243",
5          "name": "Creta",
6          "Image": "https://quickcarshire.000webhostapp.com/images/carimg/GJ05CN3243.jpg",
7          "start_date": "24-08-2023",
8          "end_date": "30-08-2023",
9          "Address": "Quick Car Hire, Suli Baug, Mahidhapura, Begampura, Surat, Gujarat 395003.",
10          "Total_Amount": 45500
11      },
12      {
13          "id": 2,
14          "registration_no": "GJ21IE4345",
15          "name": "Tigo",
16          "Image": "https://quickcarshire.000webhostapp.com/images/carimg/GJ21IE4345.jpg",
17          "start_date": "26-08-2023",
18          "end_date": "30-08-2023"
19      }
20  ]
```

Profile

The screenshot shows the Postman interface with the following details:

- Collection:** New Collection / Profile
- Method:** GET
- URL:** https://quickcarshire.000webhostapp.com/API/Profile.php?Email=drupenEYE@gmail.com
- Params:** Email (Value: drupenEYE@gmail.com)
- Body:** (Pretty) JSON response showing user profile data:


```

1 {
2   "Name": "Drupen",
3   "Email": "drupenEYE@gmail.com",
4   "Mobile": "8967354499",
5   "DateOfBirth": "2003-01-17",
6   "DrivingLicence": "DL9898798676388",
7   "AadharCard": "470395045463",
8   "Image": null
9 }
```
- Status:** 200 OK
- Time:** 1118 ms
- Size:** 436 B

Offer

The screenshot shows the Postman interface with the following details:

- Collection:** New Collection / offer
- Method:** GET
- URL:** https://quickcarshire.000webhostapp.com/API/offer.php
- Params:** (empty)
- Body:** (Pretty) JSON response showing offer data:


```

1 [
2   {
3     "Status": "Active",
4     "Image": "https://quickcarshire.000webhostapp.com/images/offering/ICICI15.jpg",
5     "Code": "ICICI15",
6     "Name": "Bank Offer",
7     "Percentage": "15",
8     "Registration_No": null,
9     "Start_Date": "2023-10-01",
10    "End_Date": "2023-10-31"
11  },
12  {
13    "Status": "Active",
14    "Image": "https://quickcarshire.000webhostapp.com/images/offering/WORLDcup.jpg",
15    "Code": "WORLDCUP10",
16    "Name": "World Cup Offer",
17    "Percentage": "10",
18    "Registration_No": null
19  }
20 ]
21 }
```
- Status:** 200 OK
- Time:** 1295 ms
- Size:** 143 KB

5.2.2 Web Application Testing using Selenium

Selenium IDE - car

Project: car

Executing ✓ quickcarhire

http://localhost:63342/quickcarhire

| Command | Target | Value |
|---------------------|--|-------|
| 1 ✓ open | http://localhost:63342/quickcarhire/ | |
| 2 ✓ set window size | 1477x881 | |
| 3 ✓ click | id=start-date | |
| 4 ✓ click | linkText=30 | |
| 5 ✓ click | id=end-date | |
| 6 ✓ click | css=ui-icon-circle-triangle-e | |
| 7 ✓ click | linkText=2 | |
| 8 ✓ click | id=start-time | |
| 9 ✓ type | id=start-time | 18:07 |
| 10 ✓ click | id=end-time | |
| 11 ✓ type | id=end-time | 19:07 |
| 12 ✓ click | css=.request-form | |
| 13 ✓ click | id=Submit | |
| 14 ✓ click | css=nav > .nav-item:nth-child(2) > .nav-link | |
| 15 ✓ click | css=col-12:nth-child(3).car__more > span | |
| 16 ✓ click | id=BOOKCARNOW | |
| 17 ✓ select frame | index=0 | |

Runs: 1 Failures: 0

Log Reference

Selenium IDE - car

Project: car

Executing ✓ quickcarhire

http://localhost:63342/quickcarhire

| Command | Target | Value |
|---------------------|--------------------------------------|-------|
| 1 ✓ open | http://localhost:63342/quickcarhire/ | |
| 2 ✓ set window size | 1477x881 | |
| 3 ✓ click | id=start-date | |
| 4 ✓ click | linkText=30 | |
| 5 ✓ click | id=end-date | |

Runs: 1 Failures: 0

Log Reference

```

6. click on css= ui-icon-circle-triangle-e OK
7. click on linkText=2 OK
8. click on id=start-time OK
9. type on id=start-time with value 18:07 OK
10. click on id=end-time OK
11. type on id=end-time with value 19:07 OK
12. click on css=.request-form OK
13. click on id=Submit OK
14. click on css=nav > .nav-item:nth-child(2) > .nav-link OK
15. click on css=col-12:nth-child(3).car__more > span OK
16. click on id=BOOKCARNOW OK
17. selectFrame on index=0 OK
18. click on css= new-method:nth-child(3) > .stack OK
19. click on css=#bank-item-PUNB_R_mchild OK
'quickcarhire' completed successfully

```

Chapter-6 References

- <https://www.revv.co.in/car-rental/>
- <https://www.avis.co.in/>
- <https://www.justdrive.co.in/>
- <https://www.mylescars.com/>