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### **ABSTRACT**

Customers will be able to reserve their vehicles from anywhere in the world due to the Car Rental System. Consumers provide information to this application by filling in their personal information. When a consumer creates an account on the website, he or she can reserve a car. The proposed system is an online system that is fully integrated. It effectively and efficiently automates manual procedures. Customers are aided by this automated method, which allows them to fill in the specifics according to their needs. It contains information on the sort of car they want to hire as well as the location. The goal of this system is to create a website where customers can book their automobiles and request services from anywhere in the world. There are three phases to this car rental system mentioned in the introduction.

### INTRODUCTION

A car rental management system is an autonomous system that will preserve the records of all the cars available, cars rented, etc. The user can rent a car based on its efficiency, performance, effort, or cost. The dealer can make a lot of use of this system by providing the cars.

A project-based on Car Rental System which uses PHP Language. this car rental project system project in PHP focuses mainly on dealing with customers regarding their car rental hours and certain transactions. Also, it displays all the available cars on the home page whereas the users cannot view unavailable cars until and unless the user returns the rental car. The project is divided into two categories: Customer Login and Employee Login. In an overview of this web app, the employee has full control of the system. Talking about the project, a customer can simply log in or register their accounts. He/she can view available cars, select any one and proceed for rental after selecting various conditions, dates, etc. After all, the customer can rent a car by filling up the given forms.

The customer can view all his rental records and history once after logging onto the system. In addition, the customer needs to return the cars using the system because all the records are carried throughout the system. At last, the system prints an invoice stating all the information with total costs.

### **Employee Panel**

Similarly, an employee plays the main role in implementing the system. An employee has the right to view all bookings, drivers, cars. In order to add a car for rental purposes, an employee must provide a car name with its number plate, fare-related information, and car image too. Also, for adding driver records, he/she must provide his/her name with driving license number, contact information, and gender. Last but not the least, an admin can view all the system data such as bookings, car details, availability, driver information. For its UI elements, a free open-source CSS framework; Bootstrap is on board. Presenting a new car rental system project in PHP MySQL which includes an employee panel that contains all essential features to follow, and a knowledgeable resource for learning purposes.

There are three phases to this car rental system.

- 1) The first phase entails organising car rental locations into pools and allowing pooled car rental outlets to share a fleet of automobiles.
- 2) The second phase for each pool determines the types and quantities of cars to be acquired and delivered to the auto manufacturer, as well as the geographic redistribution of automobiles among pools across the long-term planning horizon.
- 3) The third phase entails day-to-day operations, during which the fleet's deployment within each pool and among its locations is determined.

### 1.1 Need for Car Rental System

Nowadays, there is Online Car Rental, which benefits users greatly. A rental service is one where customers come to seek the rental of a rental unit. It is more convenient than paying for the unit's ownership and maintenance. A car rental company lends autos for a price for a few hours, a few days, or a week or more.

### 1.2 Objective of Car Rental System

The project's goal is to automate vehicle rental and reservation so that clients don't have to waste time calling and waiting for a vehicle. To convert the manual car rental procedure into a digital method. A customer satisfaction test was used to validate the rental automobile system. As a system development reference, create documents such as Software Requirement Specification (SRS) and Software Design Description.

#### 1.3 Data and Information

Data gathering plays a vital function in a project's succession and also it plays an unavoidable role in the timely completion of the project. The project's data comprises the clients' contact information as well as their feedback/complaints, which are saved in a database. Only the admin has access to the information given by the clients in order to ensure security.

### 1.4 Available Features:

Customer Login/Register

Employee Login/Register

Display all available cars

Various price range

Rent cars

View rental history

Return cars

Total amount calculations according to days

Add and view rental cars

Add and list driver records

View overall bookings

Addition of extra charges (for crossing due dates).

### 1.5 Software Required

Software used: XAMPP/WAMP

PHP version: 5.6.3 and 7.4.12

Language/s Used: PHP, JavaScript

Database: MySQL

Type: Web Application

### PROBLEM STATEMENT

A car rental is a vehicle that may be rented for a price and utilised for a specific length of time. Getting a rental automobile makes it easier for people to travel around when they don't have access to their own vehicle or don't own one at all. A person who needs transportation must call a rental car company and sign a contract. This method improves client retention while also making car and employee management more straightforward.

### LITERATURE SURVEY

### 3.1 System analysis

System analysis is a thorough examination of a system's different processes and their interrelationships both within and outside the system. The key question here is – why are there so many flaws in the current system? What measures should be taken to address the problem? When a user or management begins a study of the software utilising the current system, analysis begins. Data was collected on numerous files, decision points, and transactions handled by the current system during the analysis. For example Data Flow Diagrams, etc. are widely utilised in the system. For the collection of important information needed to create the system, training, experience, and common sense are necessary. The system's success is primarily determined by how well the problem is identified, fully studied, and appropriately implemented via the selection of a solution. A good analytical model should include not just methods for comprehending the problem, but also the framework for solving it. As a result, it should be extensively investigated by gathering data about the system. The suggested system should next be extensively examined in light of the requirements. System analysis is divided into four sections.

- 1) Initial research and system architecture.
- 2) Using analytic tools to do structured analysis.
- 3) Feasibility study.
- 4) Analyze the cost and benefits.

### 3.2 Problem Analysis

We are currently creating a new system because there is no existing system at this time. There is currently no system on the market with these features and capabilities. This system is designed for a wide range of users, with a highly adaptable and adjustable solution that will ensure worldwide marketing.

### 3.3 Software Analysis

- 1) When developing web apps, it takes a long time.
- 2) The expense of research and analysis to establish the real-world requirement.
- 3) Implementation of the programme on the server, as well as the expense of web servers.

# CHAPTER 4 SYSTEM REQUIREMNET SPECIFICATION

### 4.1 Functional Requirements

Requirement analysis is a software engineering approach that consists of a series of activities that establish the demands or conditions that must be satisfied for a new or updated product while taking into account the potential for competing requirements from different users. Functional requirements are those that are used to demonstrate the system's internal functioning nature, as well as the system's description and explanation of each subsystem. It comprises the task that the system should accomplish, the processes involved, the data that the system should contain, and the user interfaces.

The functional requirements discovered are as follows:

- Log in with admin account
- Customer registration, skip if customer already registered
- Search for available vehicle
- View vehicle with details
- Calculate cost
- Reserve car for renting
- Collect feedback from customer

### 4.2 Non-functional Requirements

It describes system elements that are concerned with how the system fulfils functional requirements. They are as follows:

- 1) Security Only authorised corporate workers may get access to the firm's secured page on the systems, and only users with proper passwords and usernames can log in to see the users page.
- 2) Performance and Response Time The system should have a high-performance rate while executing user input and should be able to offer feedback or a response in a short amount of

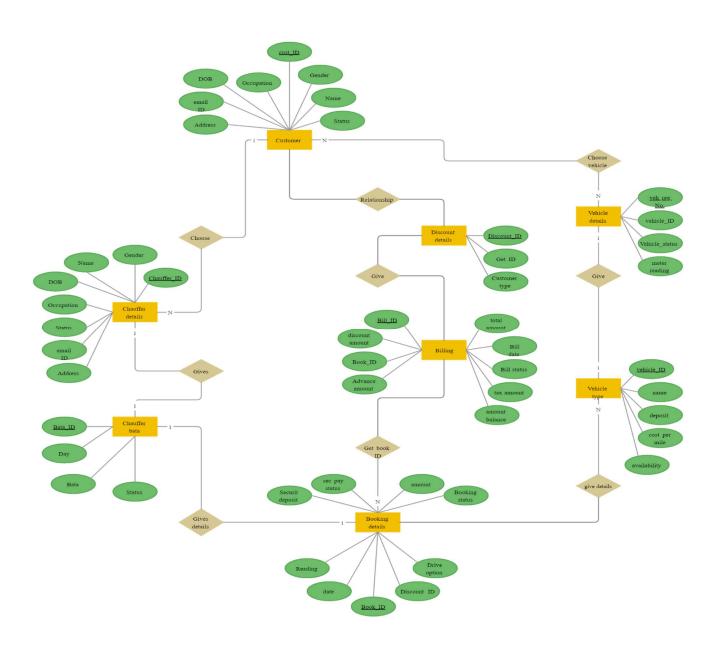
time, often 50 seconds for extremely difficult activities and 20 to 25 seconds for less sophisticated jobs.

- 3) Error Handling Errors should be avoided as much as possible, and a suitable error message should be supplied to help the user through the recovery process. The importance of validating user input cannot be overstated. In addition, the time it takes to recover from a mistake should be between 15 and 20 seconds.
- 4) Availability This system must be accessible at all times, 24 hours a day, seven days a week. In the event of a catastrophic system failure, the system should be back up and running within 1 to 2 business days, ensuring that the business process is not disrupted.
- 5) Ease of Use Given the consumers' level of understanding, a basic yet high-quality user interface should be created to make it simple to comprehend and need minimal training.

# CHAPTER 5 CONCEPTUAL DESIGN

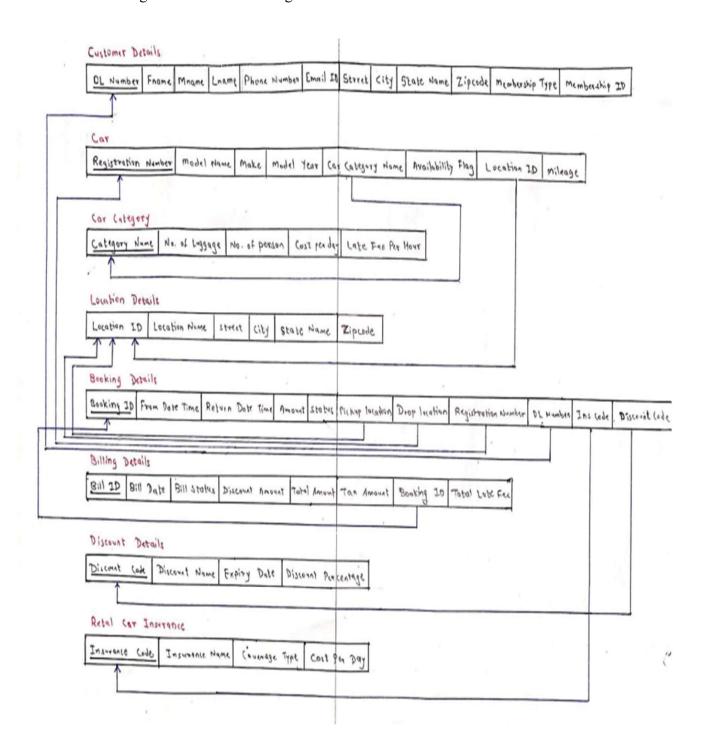
### 5.1 ER/EER Diagram

The ER diagram depicts all of the relationships between entity sets in the database. It demonstrates the database's logical structure.

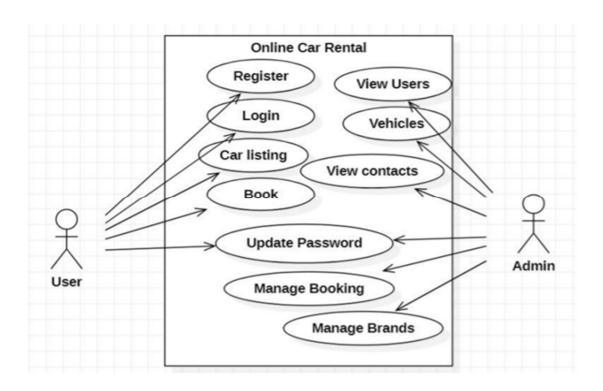


### 5.2 Relationship Model

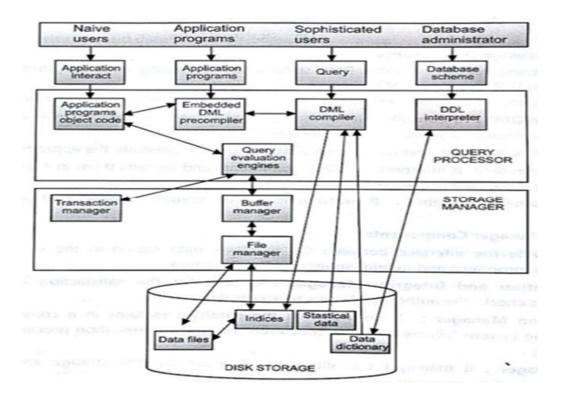
It aids in visualising how data is linked in general.



### **5.3** User Case Diagram



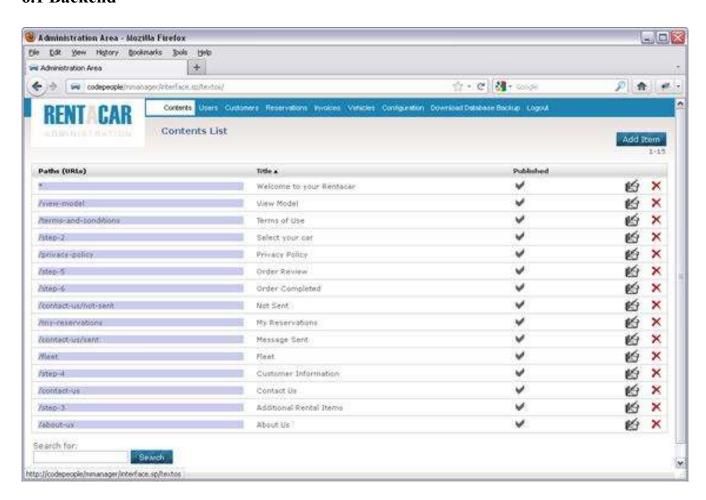
### 5.4 DATABASE MANAGEMENT STRUCTURE



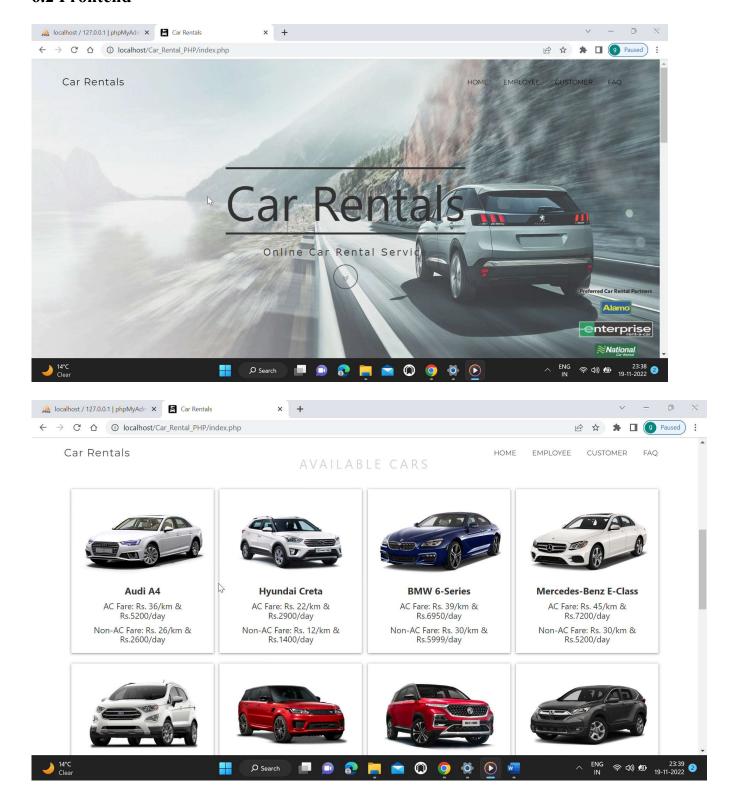
## CHAPTER 6 GRAPHICAL USER INTERFACE

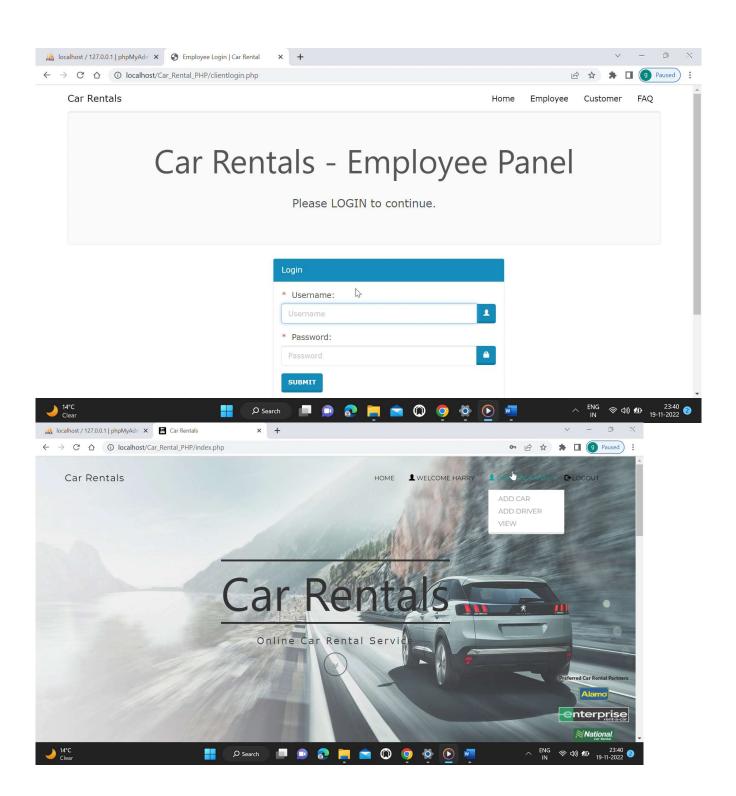
Graphical user interface (GUI) allows the user to communicate with an electronic device through visual components.

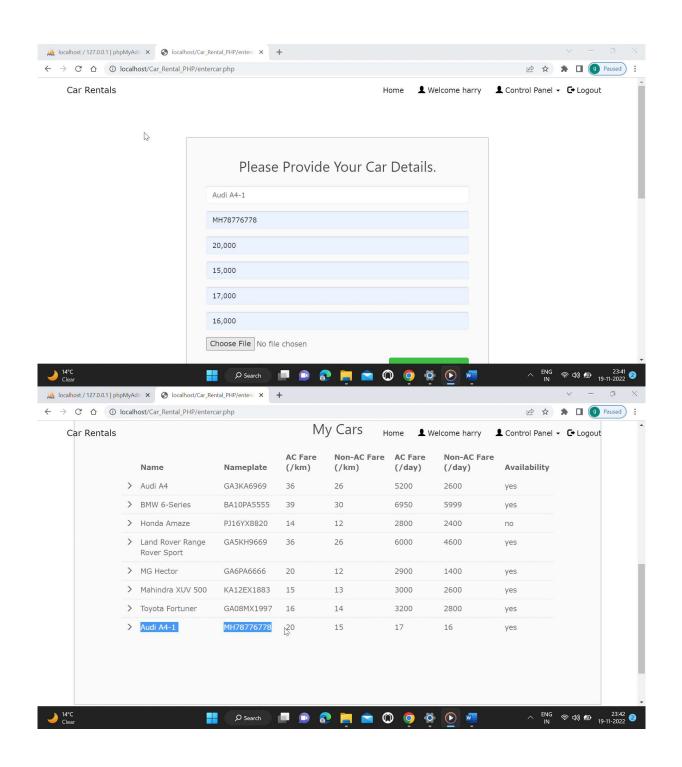
### 6.1 Backend

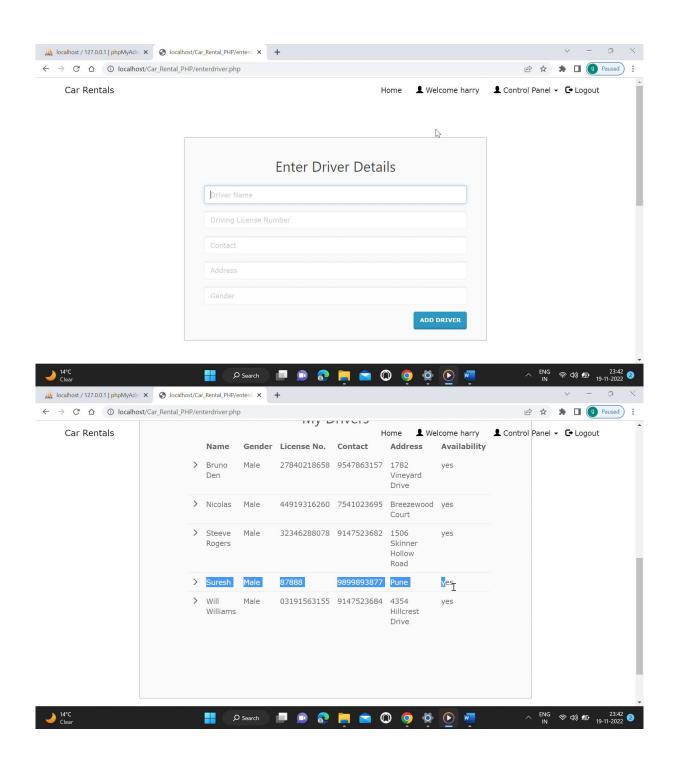


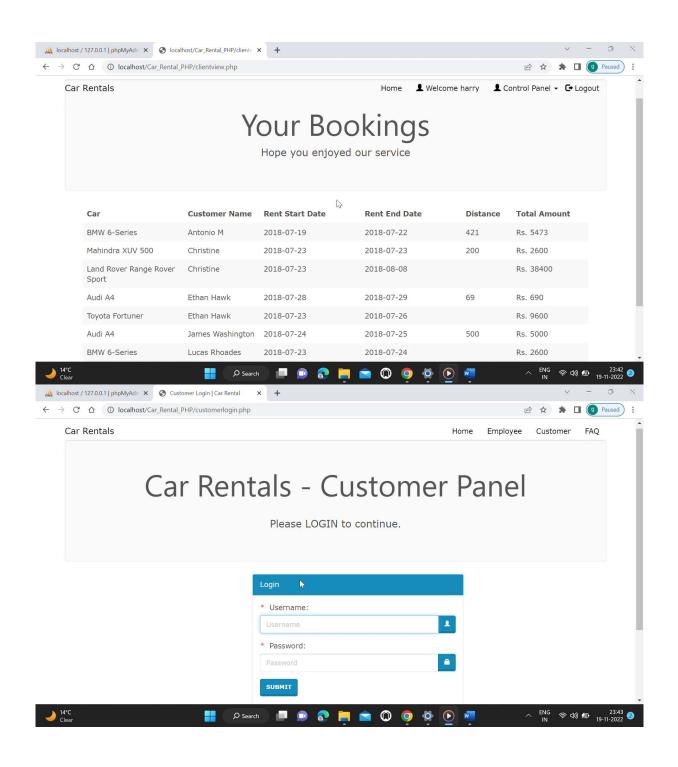
### **6.2 Frontend**

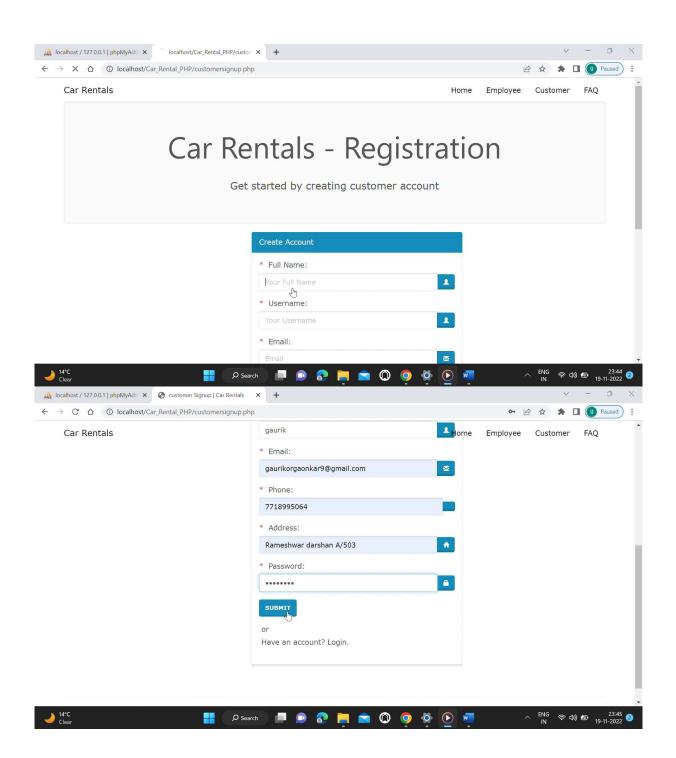


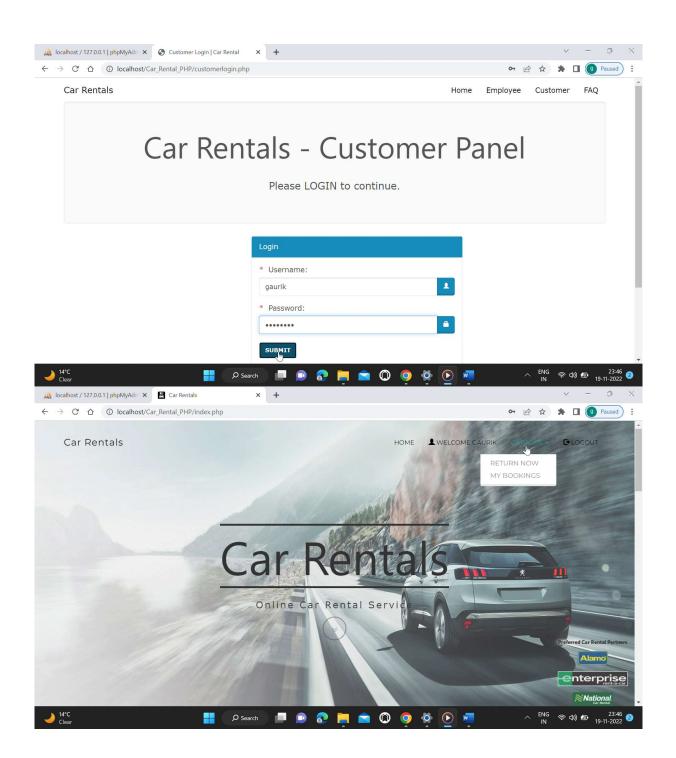


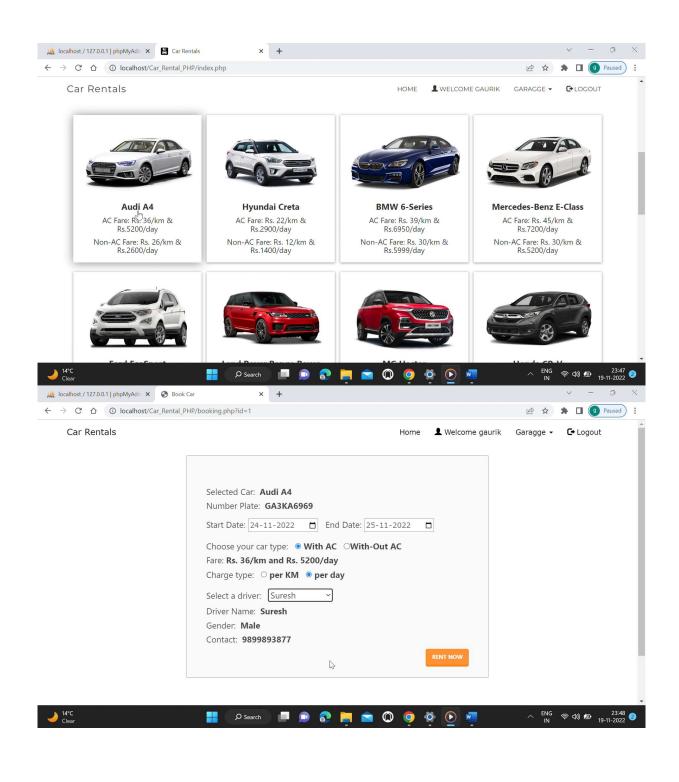


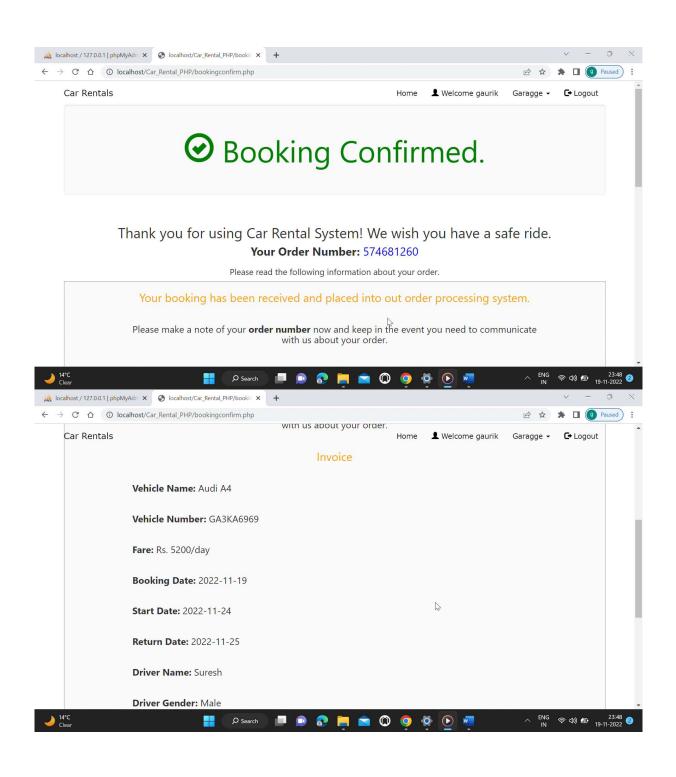


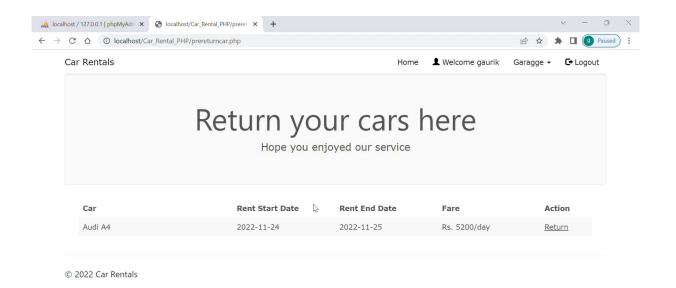


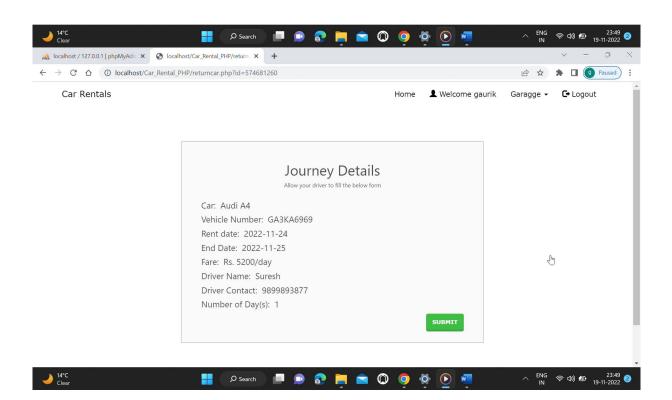


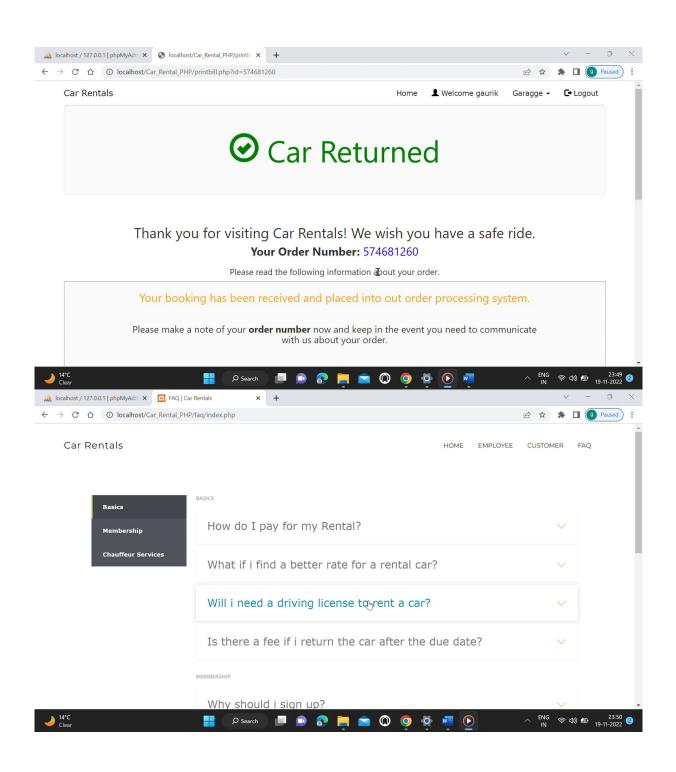












### **SOURCE CODE**

```
Database: 'carrentalp'
-- Table structure for table 'cars'
CREATE TABLE IF NOT EXISTS 'cars' (
'car id' int(20) NOT NULL,
 'car name' varchar(50) NOT NULL,
 'car nameplate' varchar(50) NOT NULL,
 'car img' varchar(50) DEFAULT 'NA',
 'ac price' float NOT NULL,
 'non ac price' float NOT NULL,
 'ac price per day' float NOT NULL,
 'non ac price per day' float NOT NULL,
 'car availability' varchar(10) NOT NULL)
ENGINE=InnoDB AUTO INCREMENT=15 DEFAULT CHARSET=utf8;
-- Dumping data for table 'cars'
INSERT INTO 'cars' ('car id', 'car name', 'car nameplate', 'car img', 'ac price',
'non ac price', 'ac price per day', 'non ac price per day', 'car availability') VALUES
(1, 'Audi A4', 'GA3KA6969', 'assets/img/cars/audi-a4.jpg', 36, 26, 5200, 2600, 'yes'),
(2, 'Hyundai Creta', 'BA2CH2020', 'assets/img/cars/creta.jpg', 22, 12, 2900, 1400, 'yes'),
(3, 'BMW 6-Series', 'BA10PA5555', 'assets/img/cars/bmw6.jpg', 39, 30, 6950, 5999, 'yes'),
(4, 'Mercedes-Benz E-Class', 'BA10CH6009', 'assets/img/cars/mcec.jpg', 45, 30, 7200, 5200,
'yes'),
(6, 'Ford EcoSport', 'GA4PA2587', 'assets/img/cars/ecosport.png', 21, 13, 3890, 2600, 'yes'),
(7, 'Honda Amaze', 'PJ16YX8820', 'assets/img/cars/amaze.png', 14, 12, 2800, 2400, 'no'),
(8, 'Land Rover Range Rover Sport', 'GA5KH9669', 'assets/img/cars/rangero.jpg', 36, 26, 6000,
4600, 'yes'),
(9, 'MG Hector', 'GA6PA6666', 'assets/img/cars/mghector.jpg', 20, 12, 2900, 1400, 'yes'),
(10, 'Honda CR-V', 'TN17MS1997', 'assets/img/cars/hondacr.jpg', 22, 15, 2850, 1400, 'yes'),
(11, 'Mahindra XUV 500', 'KA12EX1883', 'assets/img/cars/Mahindra XUV.jpg', 15, 13, 3000,
2600, 'yes'),
(12, 'Toyota Fortuner', 'GA08MX1997', 'assets/img/cars/Fortuner.png', 16, 14, 3200, 2800, 'yes'),
(13, 'Hyundai Veloster', 'BA20PA5685', 'assets/img/cars/hyundai0.png', 23, 15, 4500, 3500,
'yes'),
(14, 'Jaguar XF', 'GA8KH8866', 'assets/img/cars/jaguarxf.jpg', 39, 29, 6100, 4380, 'yes');
-- Table structure for table 'clientcars'
CREATE TABLE IF NOT EXISTS 'clientcars' (
 'car id' int(20) NOT NULL,
```

```
'client username' varchar(50) NOT NULL)
ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Dumping data for table 'clientcars'
INSERT INTO 'clientcars' ('car id', 'client username') VALUES
(1, 'harry'),
(3, 'harry'),
(7, 'harry'),
(8, 'harry'),
(9, 'harry'),
(11, 'harry'),
(12, 'harry'),
(2, 'jenny'),
(4, 'jenny'),
(6, 'jenny'),
(10, 'jenny'),
(13, 'jenny'),
(14, 'jenny');
-- Table structure for table 'clients'
CREATE TABLE IF NOT EXISTS 'clients' (
 'client username' varchar(50) NOT NULL,
 'client name' varchar(50) NOT NULL,
 'client phone' varchar(15) NOT NULL,
 'client email' varchar(25) NOT NULL,
 'client_address' varchar(50) CHARACTER SET utf8 COLLATE utf8_estonian_ci NOT
NULL,
 'client password' varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Dumping data for table 'clients'
INSERT INTO 'clients' ('client_username', 'client name', 'client phone', 'client email',
'client address', 'client password') VALUES
('harry', 'Harry Den', '9876543210', 'harryden@gmail.com', '2477 Harley Vincent Drive',
'password'),
('jenny', 'Jeniffer Washington', '7850000069', 'washjeni@gmail.com', '4139
                                                                              Mesa Drive',
'jenny'),
('tom', 'Tommy Doee', '900696969', 'tom@gmail.com', '4645 Dawson Drive', 'password');
-- Table structure for table 'customers'
CREATE TABLE IF NOT EXISTS 'customers' (
```

'customer username' varchar(50) NOT NULL,

```
'customer name' varchar(50) NOT NULL,
 'customer phone' varchar(15) NOT NULL,
 'customer email' varchar(25) NOT NULL,
 'customer address' varchar(50) NOT NULL,
 'customer password' varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Dumping data for table 'customers'
INSERT INTO 'customers' ('customer username', 'customer name', 'customer phone',
'customer email', 'customer address', 'customer password') VALUES
('antonio', 'Antonio M', '0785556580', 'antony@gmail.com', '2677 Burton Avenue', 'password'),
('christine', 'Christine', '8544444444', 'chr@gmail.com', '3701 Fairway Drive', 'password'),
('ethan', 'Ethan Hawk', '69741111110', 'thisisethan@gmail.com', '4554 Rowes Lane', 'password'),
('james', 'James Washington', '0258786969', 'james@gmail.com', '2316 Mayo Street',
'password'),
('lucas', 'Lucas Rhoades', '7003658500', 'lucas@gmail.com', '2737 Fowler Avenue', 'password');
_____
-- Table structure for table 'driver'
CREATE TABLE IF NOT EXISTS 'driver' (
'driver id' int(20) NOT NULL,
 'driver name' varchar(50) NOT NULL,
 'dl number' varchar(50) NOT NULL,
 'driver phone' varchar(15) NOT NULL,
 'driver address' varchar(50) NOT NULL,
 'driver gender' varchar(10) NOT NULL,
 'client username' varchar(50) NOT NULL,
 'driver availability' varchar(10) NOT NULL)
ENGINE=InnoDB AUTO INCREMENT=9 DEFAULT CHARSET=utf8;
-- Dumping data for table 'driver'
INSERT INTO 'driver' ('driver id', 'driver name', 'dl number', 'driver phone',
'driver_address', 'driver_gender', 'client_username', 'driver_availability') VALUES
(1, 'Bruno Den', '27840218658', '9547863157', '1782 Vineyard Drive', 'Male', 'harry', 'yes'),
(2, 'Will Williams', '03191563155', '9147523684', '4354 Hillcrest Drive', 'Male', 'harry', 'yes'),
(3, 'Steeve Rogers', '32346288078', '9147523682', '1506 Skinner Hollow Road', 'Male', 'harry',
'yes'),
(4, 'Ivy', '04316015965', '9187563240', '4680 Wayside Lane', 'Female', 'jenny', 'no'),
(5, 'Pamela C Benson', '68799466631', '7584960123', 'Urkey Pen Road', 'Female', 'jenny', 'yes'),
(6, 'Billy Williams', '36740186040', '8421025476', '2898 Oxford Court', 'Male', 'tom', 'yes'),
(7, 'Nicolas', '44919316260', '7541023695', 'Breezewood Court', 'Male', 'harry', 'yes'),
(8, 'Stephen Strange', '94592817723', '5215557850', 'Fairview Street12', 'Male', 'jenny', 'yes');
```

```
-- Table structure for table 'feedback'
CREATE TABLE IF NOT EXISTS 'feedback' (
 'name' varchar(20) NOT NULL,
 'e mail' varchar(30) NOT NULL,
 'message' varchar(150) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Dumping data for table 'feedback'
INSERT INTO 'feedback' ('name', 'e mail', 'message') VALUES
('Nikhil', 'nikhil@gmail.com', 'Hope this works.');
_____
-- Table structure for table 'rentedcars'
CREATE TABLE IF NOT EXISTS 'rentedcars' (
'id' int(100) NOT NULL,
 'customer username' varchar(50) NOT NULL,
 'car id' int(20) NOT NULL,
 'driver id' int(20) NOT NULL,
 'booking date' date NOT NULL,
 'rent start date' date NOT NULL,
 'rent end date' date NOT NULL,
 'car return date' date DEFAULT NULL,
 'fare' double NOT NULL,
 'charge type' varchar(25) NOT NULL DEFAULT 'days',
 'distance' double DEFAULT NULL,
 'no of days' int(50) DEFAULT NULL,
 'total amount' double DEFAULT NULL,
 'return status' varchar(10) NOT NULL
) ENGINE=InnoDB AUTO INCREMENT=574681260 DEFAULT CHARSET=utf8;
-- Dumping data for table 'rentedcars'
INSERT INTO 'rentedcars' ('id', 'customer username', 'car id', 'driver id', 'booking date',
'rent start date', 'rent end date', 'car return date',
                                                      `fare`,
                                                              `charge type`,
'no of days', 'total amount', 'return status') VALUES
(574681245, 'ethan', 4, 2, '2018-07-18', '2018-07-01', '2018-07-02', '2018-07-18', 11, 'km', 244, 1,
5884, 'R'),
(574681246, 'james', 6, 6, '2018-07-18', '2018-06-01', '2018-06-28', '2018-07-18', 15, 'km', 69,
27, 5035, 'R'),
(574681247, 'antonio', 3, 1, '2018-07-18', '2018-07-19', '2018-07-22', '2018-07-20', 13, 'km', 421,
3, 5473, 'R'),
(574681248, 'ethan', 1, 2, '2018-07-20', '2018-07-28', '2018-07-29', '2018-07-20', 10, 'km', 69, 1,
690, 'R'),
```

```
(574681249, 'james', 1, 2, '2018-07-23', '2018-07-24', '2018-07-25', '2018-07-23', 10, 'km', 500, 1, 5000, 'R'),
```

(574681250, 'lucas', 3, 2, '2018-07-23', '2018-07-23', '2018-07-24', '2018-07-23', 2600, 'days', NULL, 1, 2600, 'R'),

(574681251, 'james', 10, 1, '2018-07-23', '2018-07-25', '2018-07-30', '2018-07-23', 10, 'km', 60, 2, 600, 'R'),

(574681252, 'christine', 11, 2, '2018-07-23', '2018-07-23', '2018-07-23', '2018-07-23', '2018-07-23', 13, 'km', 200, 0, 2600, 'R'),

(574681253, 'christine', 6, 7, '2018-07-23', '2018-07-23', '2018-08-03', '2018-07-23', 2600, 'days', NULL, 11, 28600, 'R'),

(574681254, 'ethan', 12, 5, '2018-07-23', '2018-07-23', '2018-07-26', '2018-07-23', 3200, 'days', NULL, 3, 9600, 'R'),

(574681255, 'christine', 8, 5, '2018-07-23', '2018-07-23', '2018-08-08', '2018-07-23', 2400, 'days', NULL, 16, 38400, 'R'),

(574681257, 'james', 7, 4, '2018-08-11', '2018-08-13', '2018-08-17', NULL, 14, 'km', NULL, NULL, 'NR'),

(574681258, 'lucas', 3, 1, '2021-03-24', '2021-03-24', '2021-03-25', '2021-03-24', 2600, 'days', NULL, 1, 2600, 'R'),

(574681259, 'lucas', 14, 8, '2021-03-24', '2021-03-24', '2021-03-26', '2021-03-24', 6100, 'days', NULL, 2, 12200, 'R');

- -- Indexes for dumped tables
- -- Indexes for table 'cars'

ALTER TABLE 'cars'

ADD PRIMARY KEY ('car id'), ADD UNIQUE KEY 'car nameplate' ('car nameplate');

-- Indexes for table 'clientcars'

ALTER TABLE 'clientcars'

ADD PRIMARY KEY ('car id'), ADD KEY 'client username' ('client username');

-- Indexes for table 'clients'

--

ALTER TABLE 'clients'

ADD PRIMARY KEY ('client username');

-- Indexes for table 'customers'

ALTER TABLE 'customers'

ADD PRIMARY KEY ('customer username');

-- Indexes for table 'driver'

ALTER TABLE 'driver'

ADD PRIMARY KEY ('driver\_id'), ADD UNIQUE KEY 'dl\_number' ('dl\_number'), ADD KEY 'client\_username');

-- Indexes for table 'rentedcars'

ALTER TABLE 'rentedcars'

ADD PRIMARY KEY ('id'), ADD KEY 'customer\_username' ('customer\_username'), ADD KEY 'car id' ('car id'), ADD KEY 'driver id' ('driver id');

- -- AUTO INCREMENT for dumped tables
- -- AUTO INCREMENT for table 'cars'

ALTER TABLE 'cars'

MODIFY 'car id' int(20) NOT NULL AUTO INCREMENT, AUTO INCREMENT=15;

-- AUTO INCREMENT for table 'driver'

ALTER TABLE 'driver'

MODIFY 'driver id' int(20) NOT NULL AUTO INCREMENT, AUTO INCREMENT=9;

-- AUTO INCREMENT for table 'rentedcars'

ALTER TABLE 'rentedcars'

MODIFY 'id' int(100) NOT NULL AUTO INCREMENT, AUTO INCREMENT=574681260;

- -- Constraints for dumped tables
- -- Constraints for table 'clientcars'

ALTER TABLE 'clientcars'

ADD CONSTRAINT 'clientcars\_ibfk\_1' FOREIGN KEY ('client\_username') REFERENCES 'clients' ('client username'),

ADD CONSTRAINT 'clientcars\_ibfk\_2' FOREIGN KEY ('car\_id') REFERENCES 'cars' ('car\_id');

-- Constraints for table 'driver'

ALTER TABLE 'driver'

ADD CONSTRAINT 'driver\_ibfk\_1' FOREIGN KEY ('client\_username') REFERENCES 'clients' ('client username');

-- Constraints for table 'rentedcars'

ALTER TABLE 'rentedcars'

ADD CONSTRAINT 'rentedcars\_ibfk\_1' FOREIGN KEY ('customer\_username') REFERENCES 'customers' ('customer username'),

ADD CONSTRAINT `rentedcars\_ibfk\_2` FOREIGN KEY (`car\_id`) REFERENCES `cars` (`car\_id`),

ADD CONSTRAINT `rentedcars\_ibfk\_3` FOREIGN KEY (`driver\_id`) REFERENCES `driver` (`driver\_id`);

# CHAPTER 8 SOFTWARE TESTING

Testing is the process of evaluating a system or its components with the motive to find whether it meets the required specification or not. It is done for finding the errors, mistakes, identifying any gaps or missing requirements with respect to actual requirements. To get a good quality software we perform testing.

## 8.1 Test Cases Admin test cases

Test Case Id	Purpose	Input	Output	Result
Tc-01	To login with verified/valid credentials for admin.	Email:admin@gmail.com Password:admin	Show the admin page.	Pass
Tc-02	To login with Invalid mail id for admin.	Email:admi@gmail.com Password:Admin	Invalid mail address .	Pass
Tc-03	To view the listed vehichles in admin page.	Click on Listed vehichle in dashboard.	Show the listed vehichles.	Pass
Tc-04	To view the total bookings in admin page	Click on Total booking in dashboard.	Show the Total bookings.	Pass
Tc-05	To confirm booking	First click on manage booking and then click on confirm for confirming the booking.	Booking Confirmed.	Pass
Tc-06	To decline booking	Click on decline instead of confirm for decline the booking.	Booking declined	Pass

### **User Test case**

<b>Test Case Id</b>	Purpose	Input	Output	Result
Tc-07	To give valid details for Registrations	Name:- abin jain Email:- abin@gmail.com Phone number:- 1234567890 Password:- abin123 Confirm Password:- abin123	Registration Successful	Pass
Tc-08	To Login with valid credentials	Email ID:- abin@gmail.com Password:- abin123	abin123 Login Successful & show welcome message in home page	Pass
Tc-09	To login with invalid mail id	Email ID:- ab@gmail.com Password:- abin123	abin123 Invalid mail id	Pass
Tc-10	To view car details	Click on car details in car listing page	Show the car details & booking button	Pass
Tc-11	To select Book now Click on book now button Show the booking page Pass	Click on book now butto	Show the booking page	Pass
Tc-12	To logout	Click on logout in user settings	Go to the login page	Pass

### **FUTURE ENHANCEMENT**

- In the future the application can be occupied with the payment option within the application and the user may get a billing receipt.
- The application can contain the SMS alert to notify the user. The user can be notified with the messages.
- Vehicle tracking system can be implemented to trace the location of given cars.
- Online Car Rental can provide on road assistance for the users.
- The application can assist with customer helpline for any queries.
- The application can provide Online cancellation.
- Multi-language support can set to the application for better experience.

## CONCLUSION

The world has become a place where there is a lot of technological development; where every single thing done physically has been transformed into computerized form. Nowadays, people's activities have been transformed into work done by computerized systems. One of which is the main target of this project which is about Car Rental System. The system of renting cars exist back in the previous years, were people rent cars for their personal reasons. Car renting is essential to many peoples' plan to travel or move from one place to another for business purposes, tour, and visit or holidays. Some car rental companies still use desktop application for their car rental services and thus making it to be limited to so many important feature that are not available unlike in the web based application where there are so many feature available.

In our application we have simplified the booking procedures and the customer can easily perform the booking and there is a collection of cars where the customer can select according to their wish, the customer can book their vehicles according to their particular date. In admin side the booking information will be saved to the database, the admin can add new vehicles to the database and manage the booking.

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