

Car Rent System

INTRODUCTION:

The main objective of the application car Rental System requires a temporary vehicle.

Rent now: primarily serves people who require a temporary vehicle, for example, those who do not own their own car, travelers who are out of town, or owners of damaged or destroyed vehicles who are awaiting repair or insurance compensation.

System Actors(Users)

- Admin
- Registered Users
- Guest Users

Admin Features:

- Admin Login
- Admin can Add New vehicle brand Details
- Admin can Manage Vehicle Brand Details(Edit, Delete)
- Admin can Add New Vehicle Details
- Admin Can Manage vehicle Details(Edit, Delete)
- Admin can Manage Booking details(Admin can confirm and Cancel Booking)
- Admin Can Manage Testimonial Details (Active and Inactive)
- Admin Can Check All registered users details
- Admin Can Change Password
- Admin Dashboard has(Count all users, Count total booking, Count total subscribers, Count total queries, etc)

Registered User Features:

- New User can Register through the Registration page
- Registered User can login with a valid email and password
- User can find car details and Booked car
- User can View Car booking history
- User Can Check Booking Status(admin can approve or disapprove)
- User can Update their Profile
- User Can Update their Password
- Logout

Guest User Features:

- Guest user can view the website and Surfe/Find Car details
- Guest user can also enquirer through the contact us page.

Software Requirements:

- XAMPP server
- Language Used
 1. Front End :(User Interface) HTML 5 , CSS3, JQUERY, JAVASCRIPT, BOOTSTRAP.
 2. Back End : PHP/ Laravel / MYSQL

How to run Project:

1. Download and Unzip the file on your local system copy rentCar.

Database Configuration:

Open phpmyadmin

Create Database: car_rent

Import database car_rent.sql (available inside zip package)

Registered User:

Open Your browser put inside browser “http://localhost/index”

Login Details for

user: test@gmail.com

password: test@12345

For Admin Panel:

Open Your browser put inside browser “<http://localhost/admin>”

Login Details for admin :

User Name: admin

Password : admin

Functional Requirements:

These are statements of services the system should provide, how the system should react to particular inputs, and how the system should behave in particular situations. It specifies the application functionality that the developers must build into the product to enable users to accomplish their tasks.

1) Reservation:

- ☐ The system must allow the customer to register for reservation.
- ☐ The system shall allow the customer to view detailed descriptions of a particular car.
- ☐ The system shall present an option for advanced search to limit the car search to
- ☐ specific categories of car search.
- ☐ The system must allow the customers to select specific cars using different search categories while reservation.
- ☐ The system must view a list of the available cars during reservation.
- ☐ The system shall allow the employee to update reservation information.
- ☐ The system shall allow the employee to view reservations made by customers

2) Log in:

- ☐ The system should allow manager to log in to the system using their Email and password.
- ☐ The system should allow employee to login to the system using their Email and password.
- ☐ The system shall allow the manager to create new user account.
- ☐ The system shall allow manager to change account password.
- ☐ The system shall allow customer to change account password.
- ☐ The system shall allow customer to logout.
- ☐ The system shall allow manager to logout.

3) Car:

- ☐ The system should allow customer to register new cars.
- ☐ The system shall allow customer to select cars in the list.
- ☐ The system shall allow customer to select cars in the list.
- ☐ The system shall allow customer to Search cars by specific record.
- ☐ The system shall allow customer to Search cars by specific record.
- ☐ The system shall allow customer to display all available car.
- ☐ The system shall allow customer to display all rented car.
- ☐ The system shall allow customer to display all off duty car.

Non-functional Requirements

Non-functional requirements, as the name suggests, are requirements that are not directly concerned with the specific services delivered by the system to its users. They may relate to emergent system properties such as reliability, response time, and store occupancy.

Alternatively, they may define constraints on the system implementation such as the capabilities of I/O devices or the data representations used in interfaces with other systems. Non-functional requirements, such as performance, security, or availability, usually specify or constrain characteristics of the system as a whole.

1) Usability:

The system provides a help and support menu in all interfaces for the user to interact with the system.

2) Security:

The system provides username and password to prevent the system from unauthorized access. The customer password must be greater than eight characters. The subsystem should provide a high level of security and integrity of the data held by the system, only users with valid passwords and email can login to view user's page.

3) Performance:

The system response time for every instruction conducted by the user must not exceed more than a minimum of 10 seconds.

4) Availability:

The system should always be available for access 24 hours, 7 days a week.

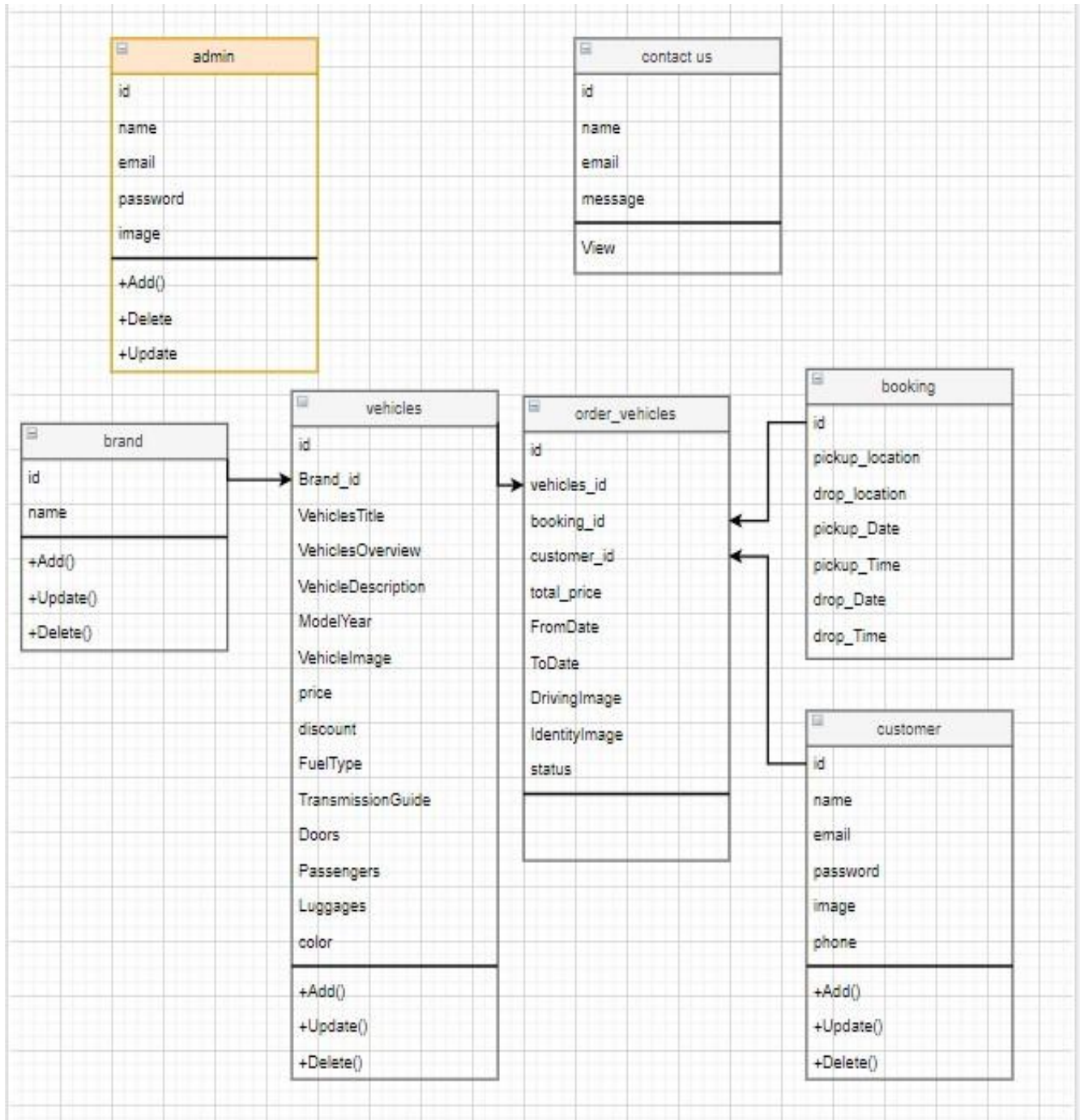
5) Error handling:

the error message that guides the user to recover from an error provided. Validation of user's input is highly essential.

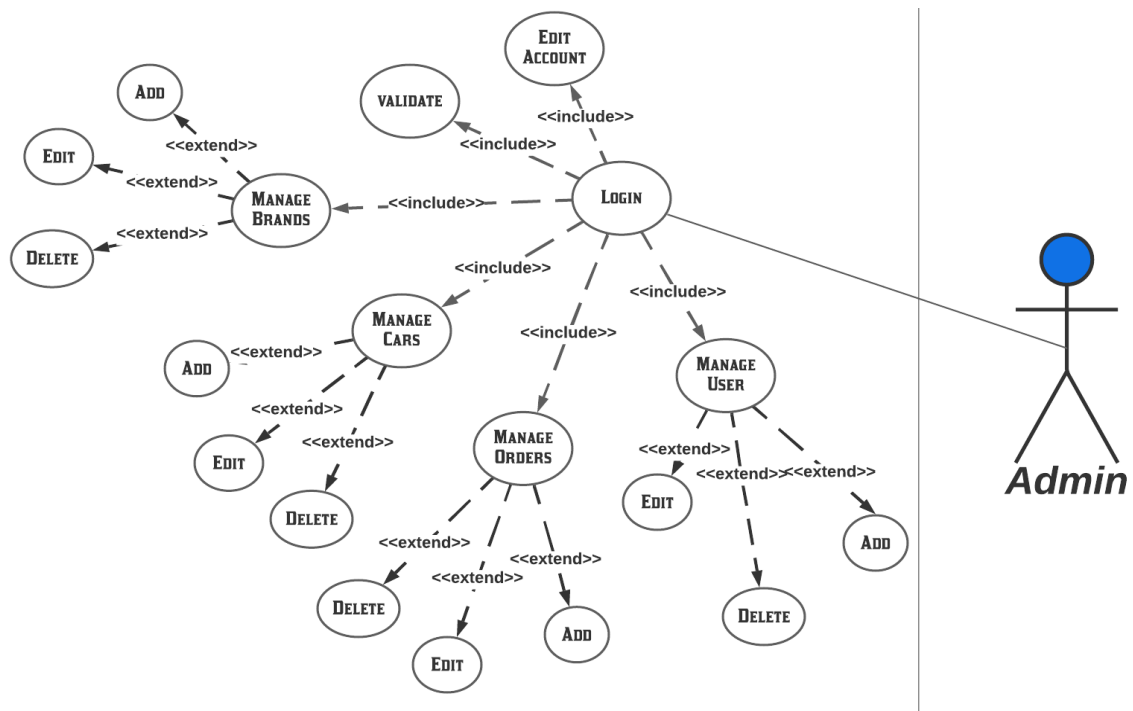
6) Ease of use:

Considered the level of knowledge possessed by the users of this system, a simple but quality user interface developed to make it easy to understand and required less training.

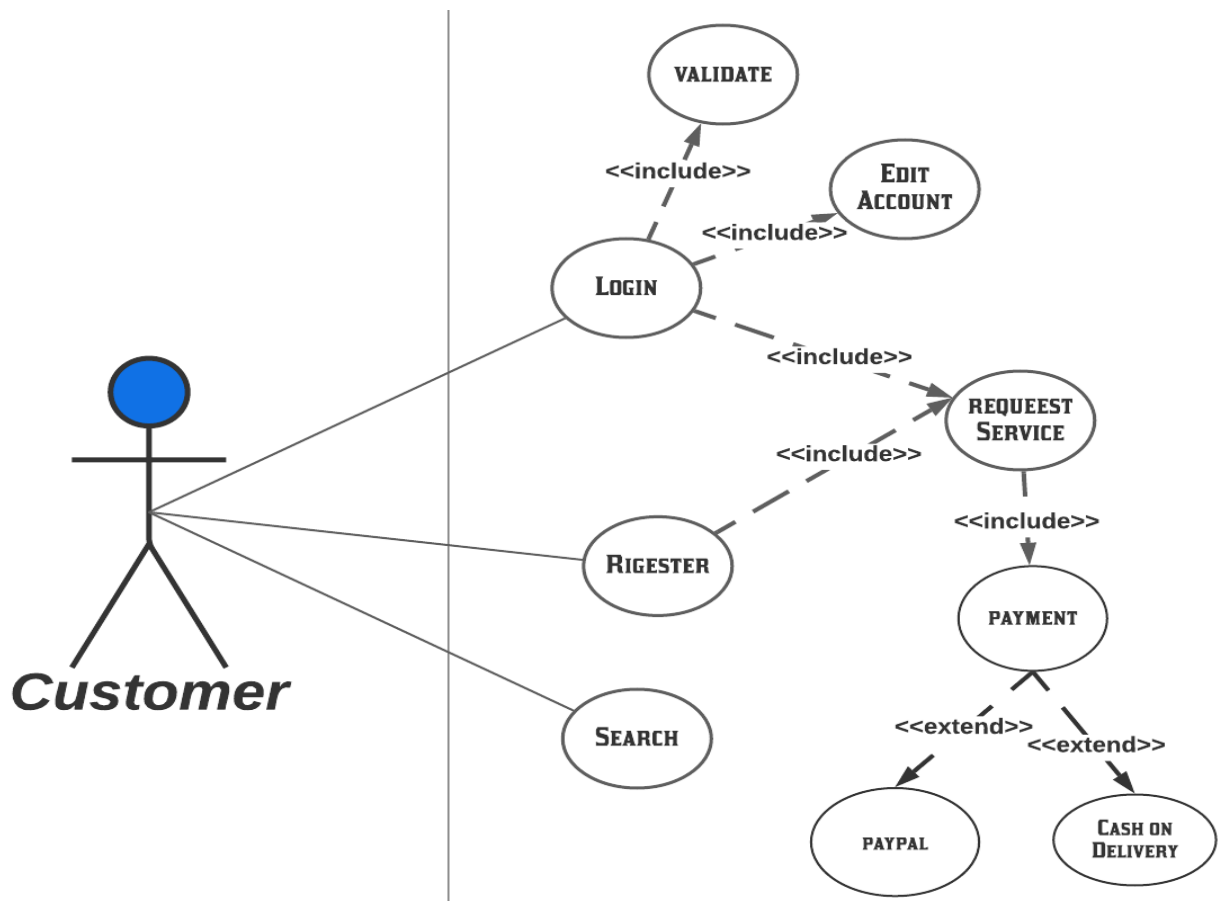
class Diagram:



UseCase Admin:

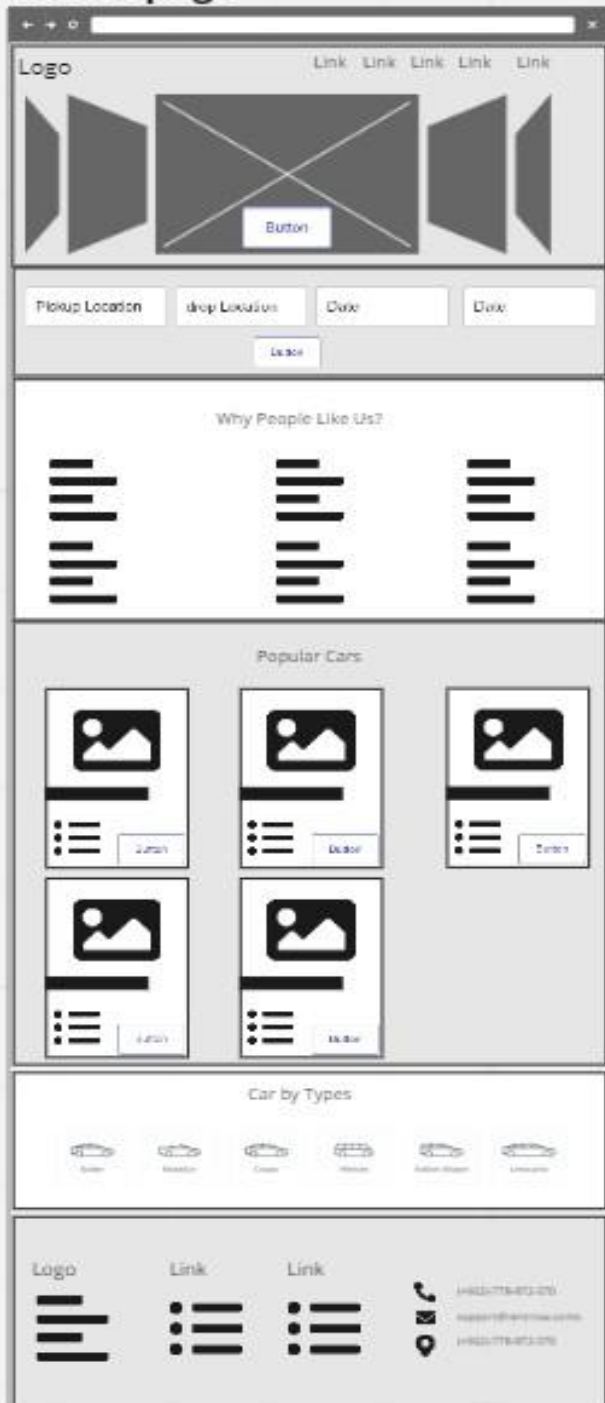


UseCase customer



Wireframe:

Home page



Cars page



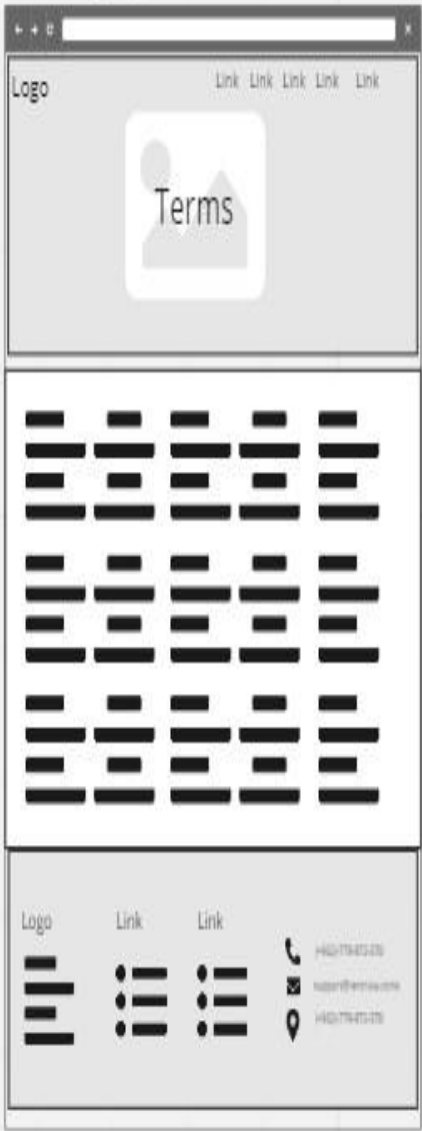
search car



car details



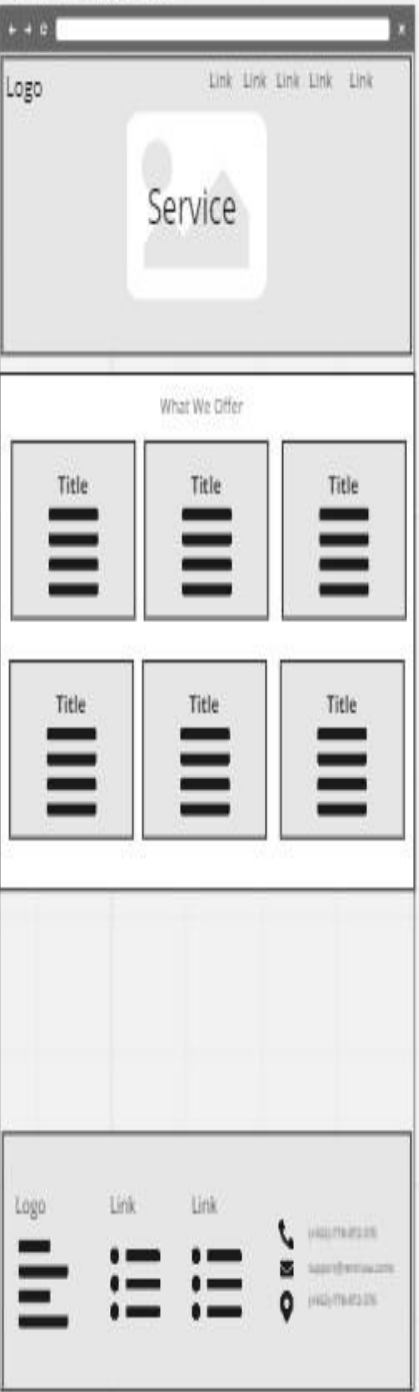
Terms page



contact



Service page



Mock-ups

Home Page

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Why People Like Us?

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- Best Price Guarantee**
Our prices are always the lowest in the market. We guarantee that you will get the best price for your car rental.
- No Hidden Fees**
We provide a transparent pricing system. No hidden fees, no extra charges. You will know exactly what you are paying for.
- Best Quality Cars**
Our fleet consists of the latest and most reliable cars. We ensure that every car in our fleet is in perfect condition.
- Excellent Customer Support**
Our support team is available 24/7 to assist you with any questions or issues. We are committed to providing the best service possible.
- Personal Driver**
We offer a personal driver service for those who prefer not to drive. Our drivers are professional and experienced.
- Unlimited Miles**
We offer unlimited mileage on all our car rentals. You can drive as far as you want without any extra charges.
- City to City**
We provide car rental services between different cities. This makes it easy for you to travel across the country.
- 24/7 Customer Support**
Our support team is available 24/7 to assist you with any questions or issues. We are committed to providing the best service possible.

Popular Cars

<ul style="list-style-type: none"> 2015 Auto petrol 55/day	<ul style="list-style-type: none"> 2018 Auto petrol 35/day	<ul style="list-style-type: none"> 2020 Auto petrol 45/day
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Testimonials

Read More

Kevin Little
CEO, Company

350 +
Cars For Rent

6500 +
Happy Clients

5000 +
Positive Reviews

600 +
Drivers

Car by Types

About Us

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget tempus risus. Integer ornare massa quis, lacinia ante scelerisque.

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Cars page

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All Cars

lorem, rhoncus ac risus sit amet, fringilla ultrices purus.

All Cars

<ul style="list-style-type: none"> 2015 Auto petrol 55/day	<ul style="list-style-type: none"> 2018 Auto petrol 35/day	<ul style="list-style-type: none"> 2020 Auto petrol 45/day
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About Us

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car-search

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Cars Search

lorem, rhoncus ac risus sit amet, fringilla ultrices purus.

Make

Year

Color

Search

BMW
Mauris semper nisl a massa convallis
5 Passengers 5 Luggages petrol Auto 5 Doors
[Book Now](#)

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About Us

lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent semper, risus eget ornare maximus, quam ante tempus.

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BMW

Mauris semper nisl a massa convallis

5 Passengers 5 Luggages petrol Auto 5 Doors

From 55 /day

lorem ipsum is simply dummy text of the printing and typesetting industry. Lorem ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries,

Pickup Location

Drop Location

Date

Date

Check Now

Facilities

- Audio input
- Bluetooth
- Heated seats
- All Wheel drive
- USB input
- FM Radio
- GPS Navigation
- Safe
- Air Conditioner
- Wi-Fi
- Sunroof

Barbara Miller
May 13, 2018 at 8:21 PM

Mauris quis sollicitudin ipsum. Morbi venenatis eros, quis pulvinar lacus pharetra nec. Vestibulum odio eros, venenatis ut, volut purus. Nunc tempus eros a interdum blandit.

Write A Review

Write your Review ...

Submit Review

Similar cars

- 2015
- Auto
- petrol

55/day

- 2018
- Auto
- petrol

55/day

- 2020
- Auto
- petrol

48/day

About Us

lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent semper, risus eget ornare maximus, quam ante tempus.

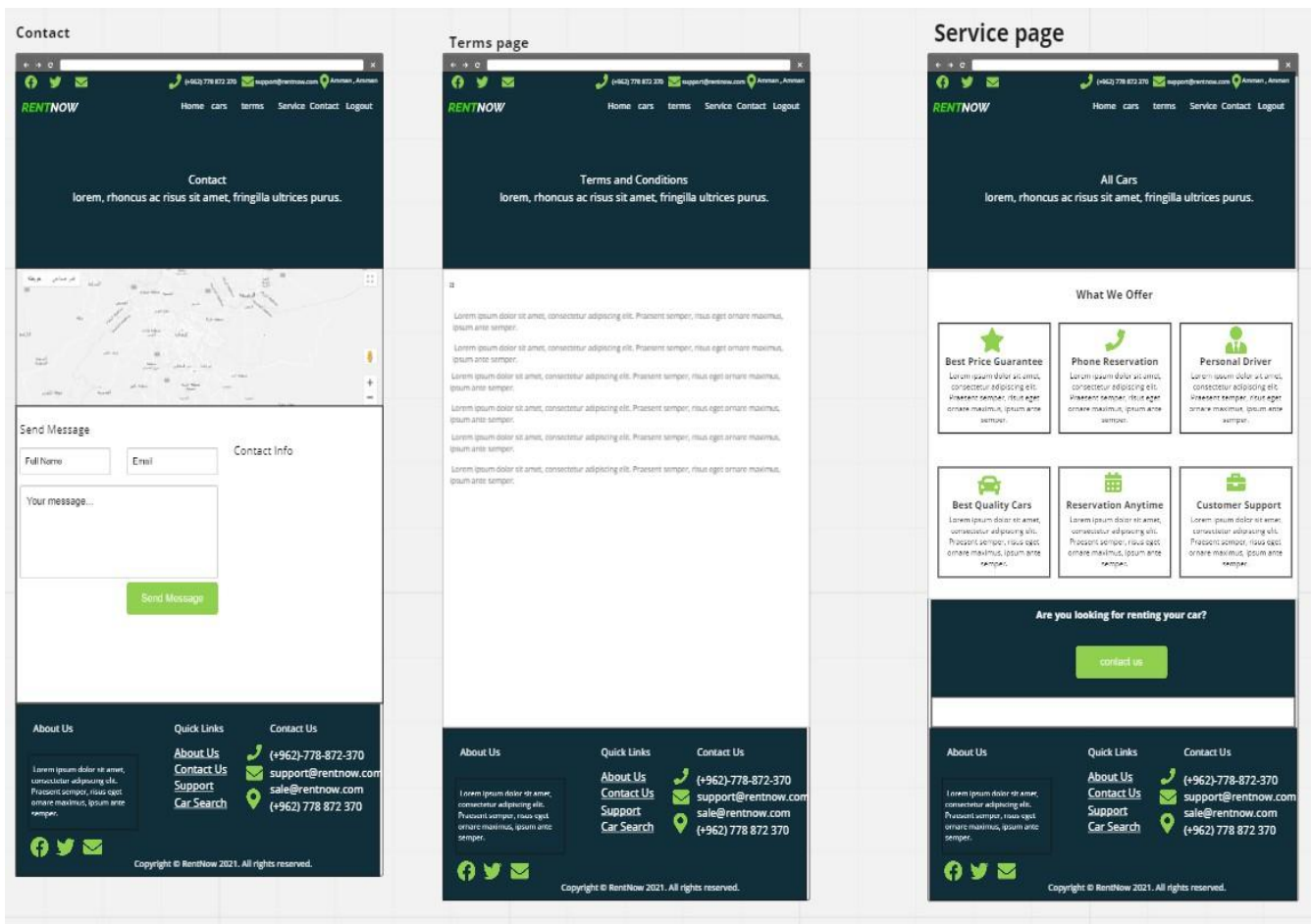
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Conclusion:

The car rental business has emerged with new goodies compared to the past experience where every activity concerning the car rental business is limited to a physical location only. Even though the physical location has not been totally eradicated; the nature of functions and how these functions are achieved has been reshaped by the power of the internet. Nowadays, customers can reserve cars online, rent car online, the customer is a registered member, or go to the office to pick the car.

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 satisfy customers' need at the click of a button.