

Project Title: **Car Rentals**

Team Members (**Group 15**):

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### **Introduction**

Car Rentals is a web-based platform to rent a car. This system enables the users around the world to easily rent any desired car through internet.

Nowadays, there is a lot of technological development, where people's activities are majorly performed through internet. Moreover, car renting is essential for many people who plan to travel or move from one place to another (for example- business, tour, holidays etc.).

Though there are many sources in today's world which helps people to rent a car, none of the car renting web sites does not provide online booking services such as car wash, book a desired driver, etc. But, in this proposed project the above missing services are developed and will be enhanced throughout this project.

### **Background**

Let us consider a tourist who travelled to a new location. He/She could find a lot of public or private transport facilities to explore the nearest areas. But one should sacrifice their own personal space and security. By considering the above discomforts, having a car will be a lot helpful. Moreover, different kind of services which are lacking in existing system motivated us to work on this project.

### **Proposed Idea**

None of the car rental websites provide services which help customers to book a desired driver, book a carwash, book a service for the car. All the lacking services are included in this proposed system.

## **Methodology**

Agile methodology is being followed. Where we develop the project in an incremental fashion. The first step is to create a project backlog and then pick the item which has the major priority for the business to start at the earliest. Then considering the team strength the backlogs are going to be picked up for a sprint where the sprint may consist of 1-2 weeks of time for the deliverables and every day we will have standup's on the blocker/issues or the work completed items and will have a retrospect at the end of the sprint where we will discuss about what went well, what went wrong and update for the next sprint.

## **Features**

1. Signing into system
2. Registering into system
3. Listing cars
4. Booking a car
5. Book a driver
6. Enroll as Driver
7. book a service for the car
8. book a car wash

## **Results & Evaluation**

The end result of the project is to help people book a car through a website. Not only booking a car, but the project is also to help users book a driver, a carwash, book a service for the car.

## **Conclusion**

Though anyone can rent a car from any car rental website, it is also important to enhance user experience by providing services which help customers such as book a carwash, driver, car service. Considering these missing features from previous rentals, all these services are developed in this project using different technologies.

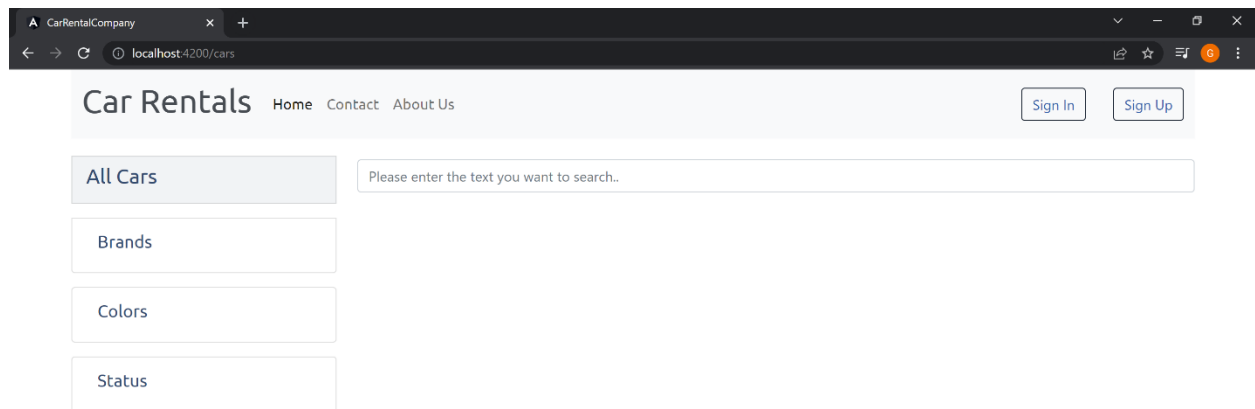
## Improvement from the increment1

Added services like,

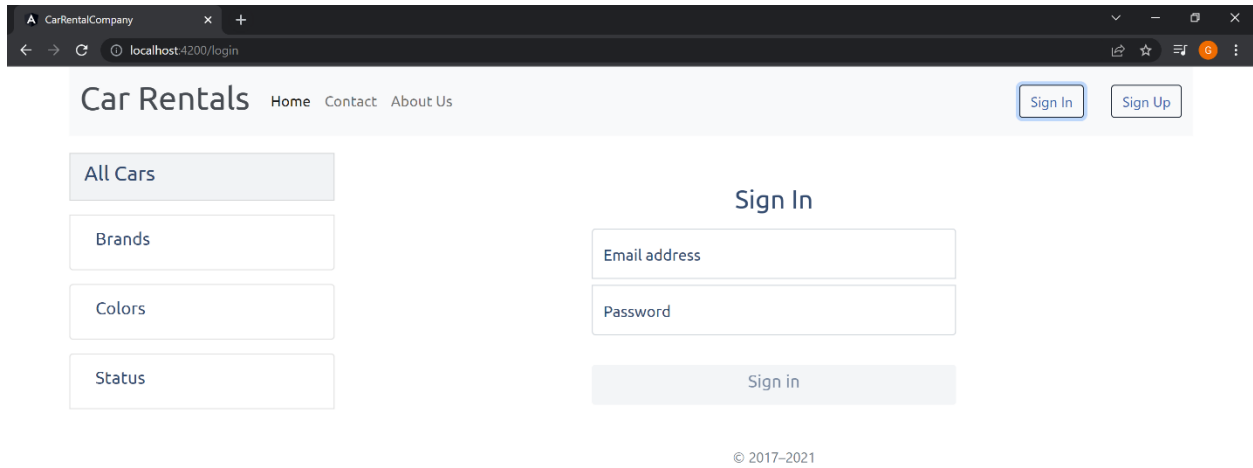
1. Book a driver
2. Enroll as Driver
3. book a service for the car
4. book a car wash

## Working Screenshots

Home page for the car rentals



## Sign In page for the car rentals



A screenshot of a web browser showing the 'Sign In' page for 'Car Rentals'. The browser's address bar shows 'localhost:4200/login'. The page has a header with the company name 'Car Rentals' and navigation links 'Home', 'Contact', and 'About Us'. On the right side of the header are 'Sign In' and 'Sign Up' buttons. On the left, there is a sidebar with filters: 'All Cars' (selected), 'Brands', 'Colors', and 'Status'. The main content area is titled 'Sign In' and contains two input fields: 'Email address' and 'Password'. Below these fields is a 'Sign in' button. At the bottom center, there is a copyright notice '© 2017-2021'.

Car Rentals Home Contact About Us Sign In Sign Up

All Cars Brands Colors Status

Sign In

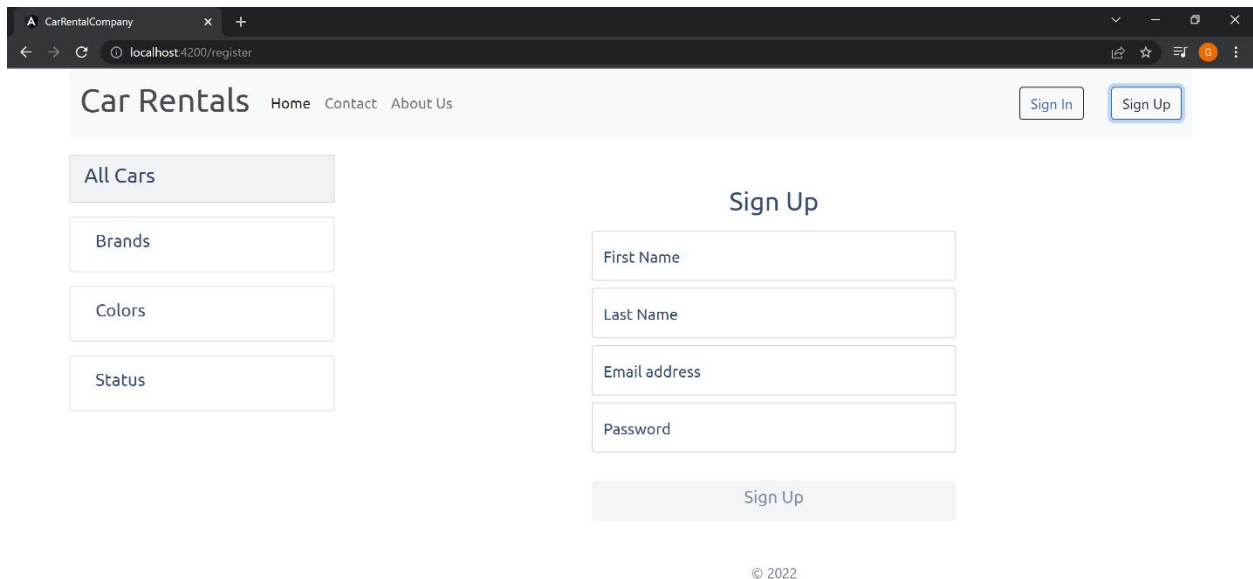
Email address

Password

Sign in

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## Sign Up Page for the car rentals



A screenshot of a web browser showing the 'Sign Up' page for 'Car Rentals'. The browser's address bar shows 'localhost:4200/register'. The page layout is identical to the Sign In page, with the same header, sidebar, and main content area. The main content area is titled 'Sign Up' and contains four input fields: 'First Name', 'Last Name', 'Email address', and 'Password'. Below these fields is a 'Sign Up' button. At the bottom center, there is a copyright notice '© 2022'.

Car Rentals Home Contact About Us Sign In Sign Up

All Cars Brands Colors Status

Sign Up

First Name

Last Name

Email address




Password

Sign Up

© 2022

Mockup designs

Listing the cars :

		
<b>Volvo XC 40</b> 5 Adult - 2 Suitcase - Diesel	<b>Volvo XC 40</b> 4 Adult - 3 Suitcase - Gasoline	<b>Mercedes Amg Gt Coupe</b> 5 Adult - 2 Suitcase - Diesel
Red	White	Blue
2021	2022	2021
220 €	210 €	230 €
Not Available	Not Available	Not Available
<a href="#">Edit</a>	<a href="#">Edit</a>	<a href="#">Edit</a>

Renting a car Mockup :

Rent This Car

Rent Date :

13.04.2021

Return Date :

gg.aa.yyyy

Rent

Close

## Payment confirmation page Mock Up

**Payment**

Your Saved Cards

Your Saved Cards ▼

**Name On The Card**

Admin Admin

**Card Number**

1234567891234567891

**Credit Card Expiration Date**

March ▼

2023 ▼

123

☒ Save this card.

Pay

## Project GitHub

<https://github.com/GollapudiSrikanth/WebMobileSpring2022/tree/main/Project-CarRentals>

## Work Sharing/Module sharing between teammates

Venkata Naga Sai Srikanth Gollapudi – home page, book a car wash

Varun Reddy Mangi – login, sign up

Yugandher Reddy Yarrava - listing of cars

Anurupa velupala - book a driver

## References

<https://www.spaceo.ca/best-car-rental-apps/>

<https://www.govirtuo.com/us>

<https://www.hertz.com/>

<https://turo.com/>