



# Car Rental System

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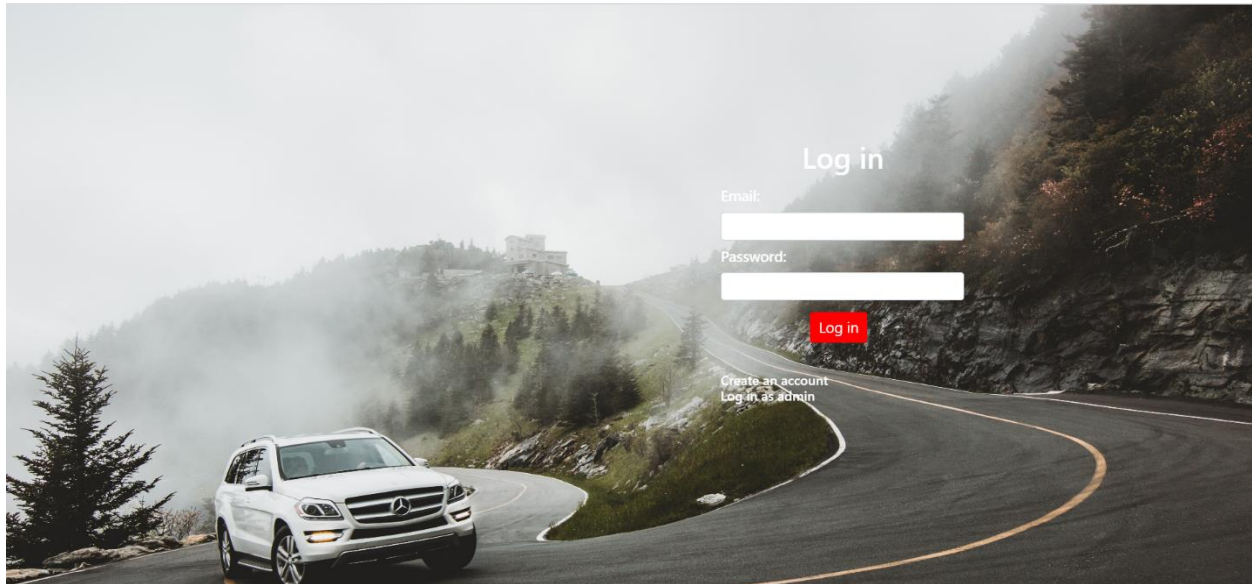
DATABASE FIINAL PROJECT

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Nouran Tamer Ahmed Elmasry	7060
Ahmad Sameh ahmad	6782
Abdelaziz Mohammed Abdelaziz	6834

## **1-ADMINISTRATOR PART:**

- A logged in administrator can view the entire catalog of cars (whether available or out of service) and make adjustments to a car's information.
- A logged in administrator can search through reservations using some (or all) of the details of a reservation, such as the customer's name, the time of the reservation, etc.
- Similarly, a logged in administrator can search through cars and customers.
- The rental agency has multiple offices all over the world, each office has one admin. Each car is associated with a certain office.

## 1-Index:

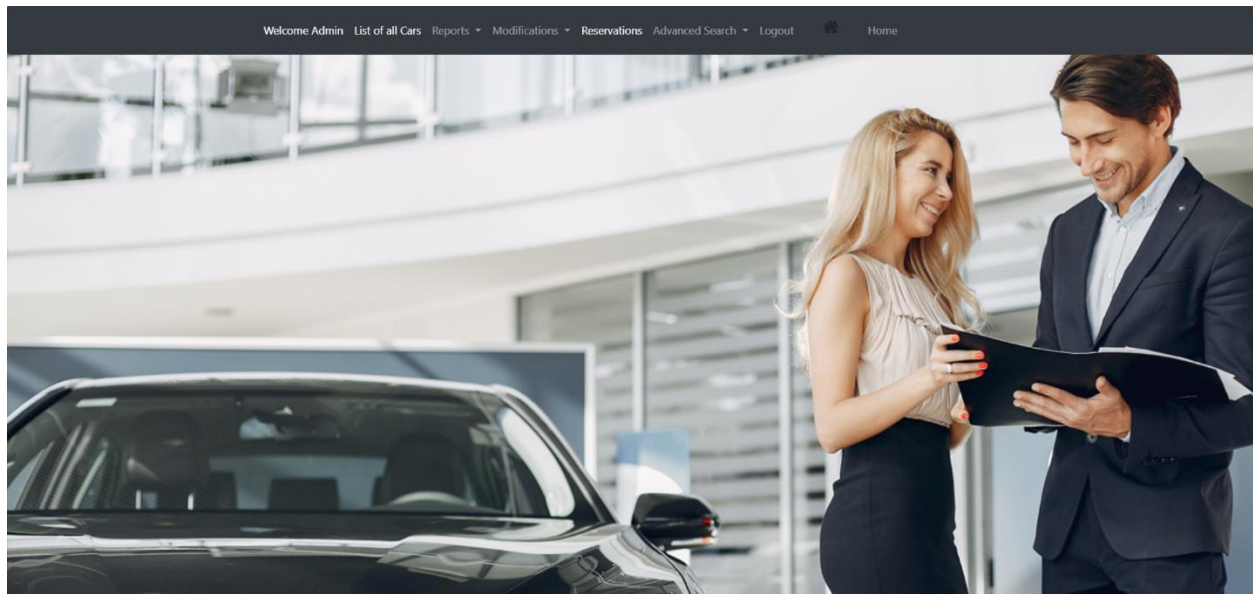


Then you choose login as a customer or admin or if you don't have an account you should sign up.

When you Login as an admin you are directed to the admin home page.

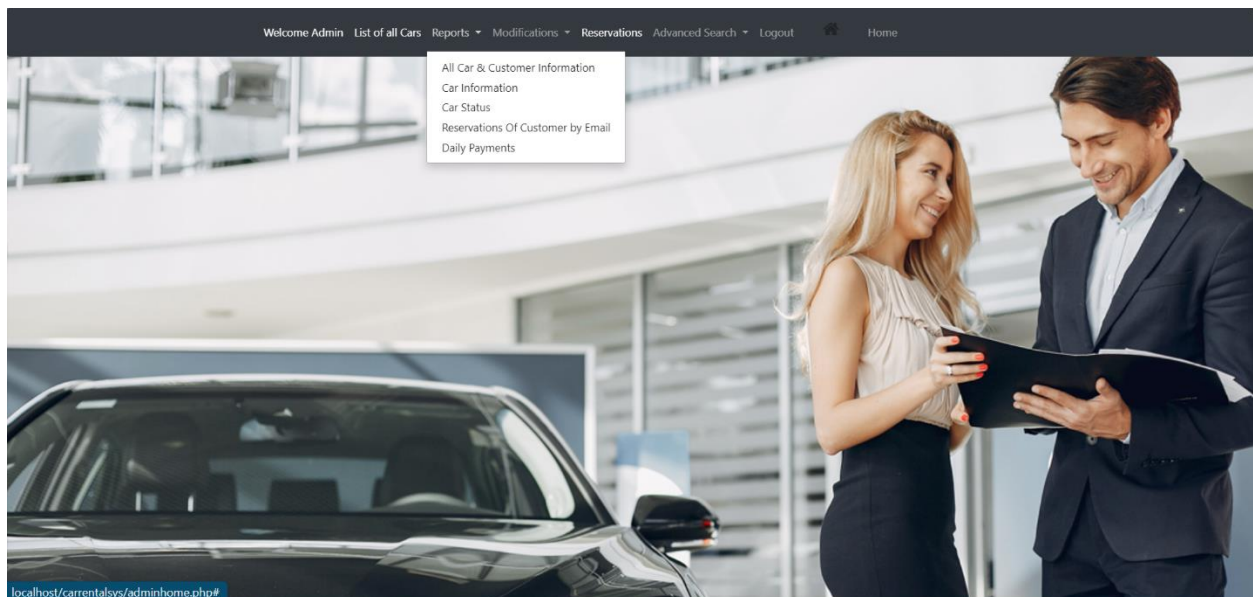
The navigation bar menu :

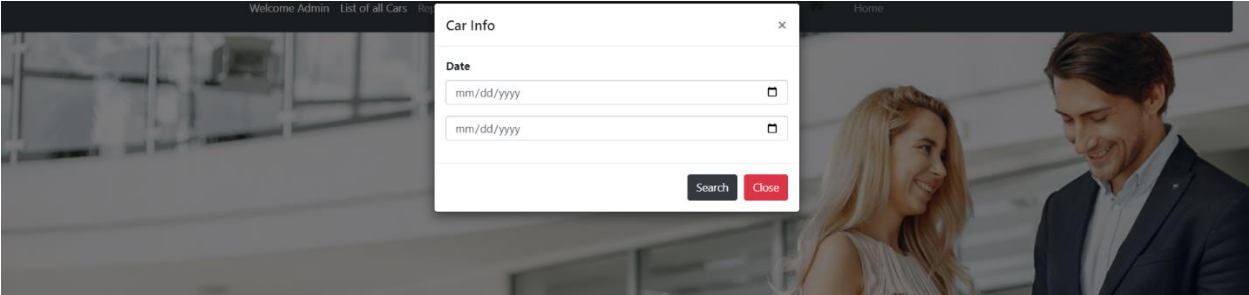
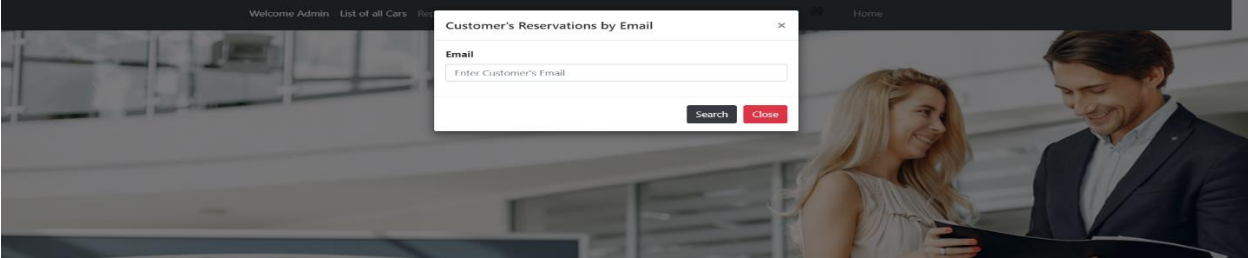
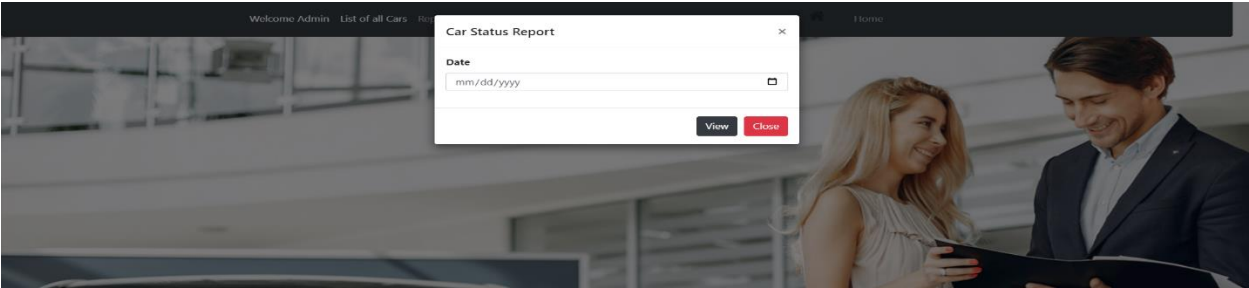
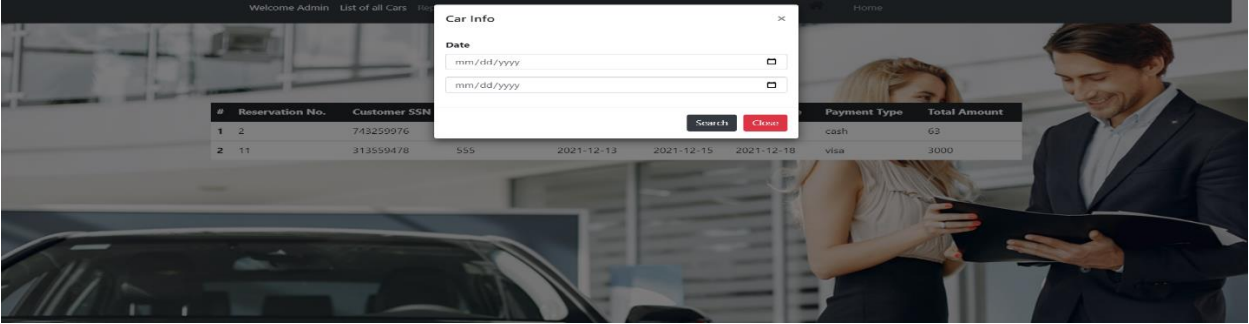
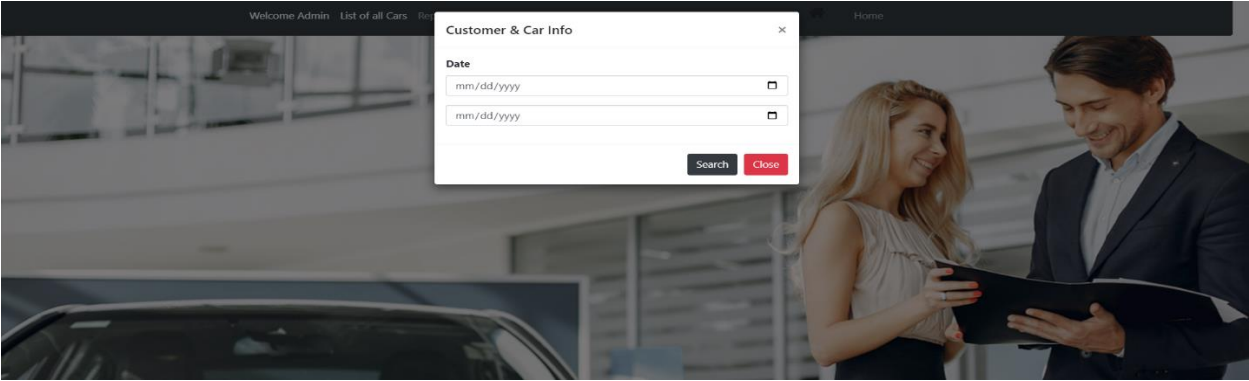
- List of all cars
- Reports
- Modifications
- Reservations
- Advanced Search
- Logout
- Home



- **REPORTS OF ADMIN:**

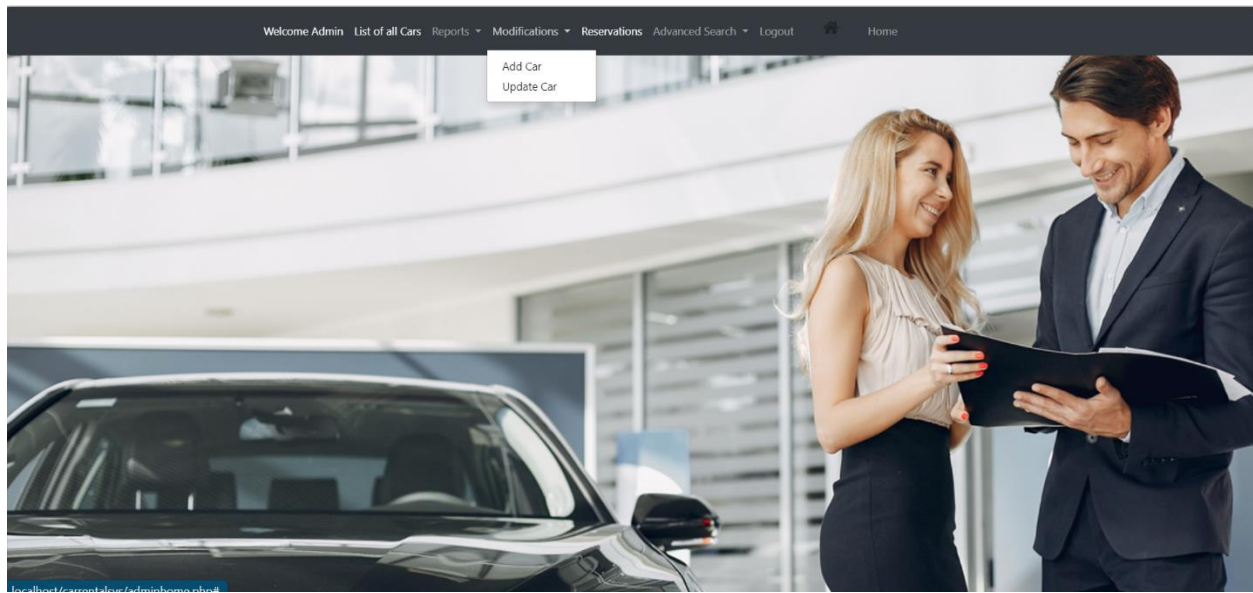
- o All reservations within a specified period including all car and customer information.
- o All reservations of any car within a specified period including all car information.
- o The status of all cars on a specific day.
- o All reservations of specific customer including customer information, car model and plate id.
- o Daily payments within specific period.







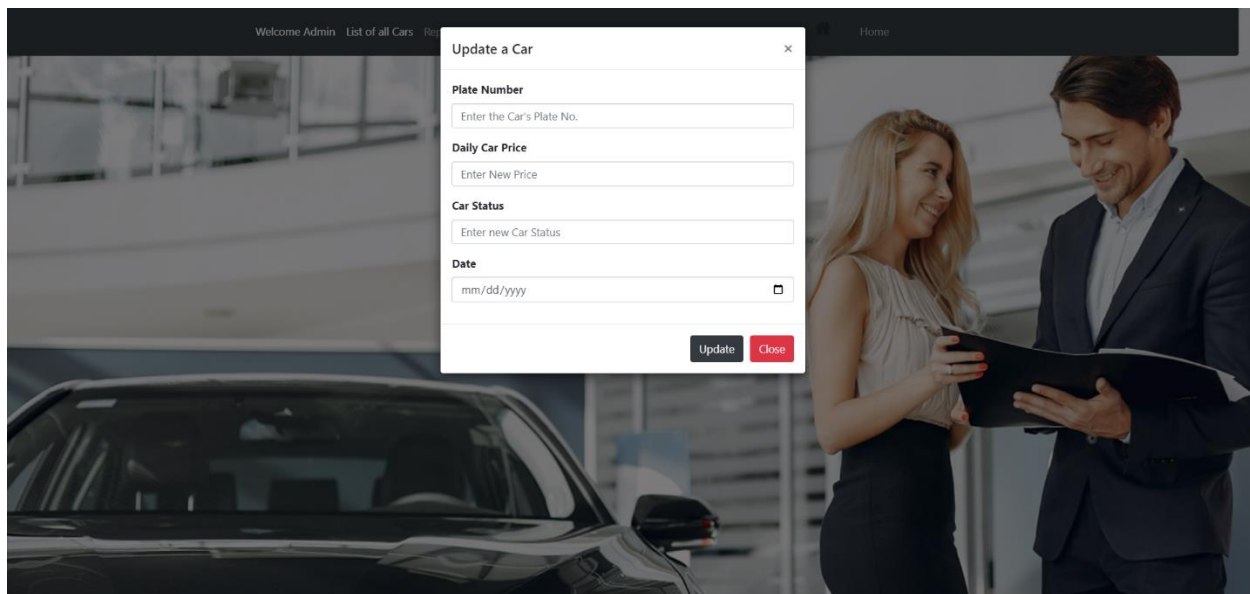
- **Modifications :**  
**ADD CAR**  
**UPDATE A CAR**



A screenshot of the 'Register a Car' form overlay. The form is titled 'Register a Car' and has a close button (X) in the top right corner. It contains the following fields:

- Plate Number
- Model
- brand
- year
- Color
- price per day
- Office\_ID
- Image

At the bottom right of the form, there are two buttons: 'Register Car' and 'Close'.



Admin can view all the reservations :

A screenshot of the "RESERVATIONS" page in the admin interface. The page features a table with reservation data. The table has columns for #, Reservation No., Customer SSN, Plate Number, Reserve Date, Start Date, Return Date, Payment Type, and Total Amount. The background shows a blurred image of a car and a man and a woman looking at a tablet.

#	Reservation No.	Customer SSN	Plate Number	Reserve Date	Start Date	Return Date	Payment Type	Total Amount
1	2	743259976	2333378	2021-12-24	2021-12-25	2022-02-01	cash	63
2	11	313559478	555	2021-12-13	2021-12-15	2021-12-18	visa	3000

localhost/carrentalsys/all\_reservations.php

- Admin has advanced Search :

## By car

The screenshot displays a web application interface for car rental management. A modal titled "Search for Car" is open, allowing users to search for a car by various criteria. The background shows a blurred image of a car and a couple looking at a tablet.

**Search for Car**

**Brand**  
Enter Car Brand

**Model**  
Enter Brand Model

**Year**  
Enter Year

**Plate Number**  
Enter Car Plate No

**Office ID**  
Enter Office ID

**Search** **Close**

**Reservation Table:**

#	Reservation No.	Customer SSN
1	2	743259976
2	11	313559478

**Payment Table:**

Payment Type	Total Amount
cash	63
visa	3000

## By customer

The screenshot displays the same web application interface, but with a modal titled "Search For Customer" open. This modal allows users to search for a customer by various criteria. The background remains the same, showing a blurred image of a car and a couple looking at a tablet.

**Search For Customer**

**SSN**  
Enter Customer SSN

**First Name**  
Enter Customer First Name

**Last Name**  
Enter Customer Last Name

**Email**  
Enter Customer Email

**Phone Number**  
Enter Phone No.

☐ Male  
☐ Female

**Search** **Close**

**Reservation Table:**

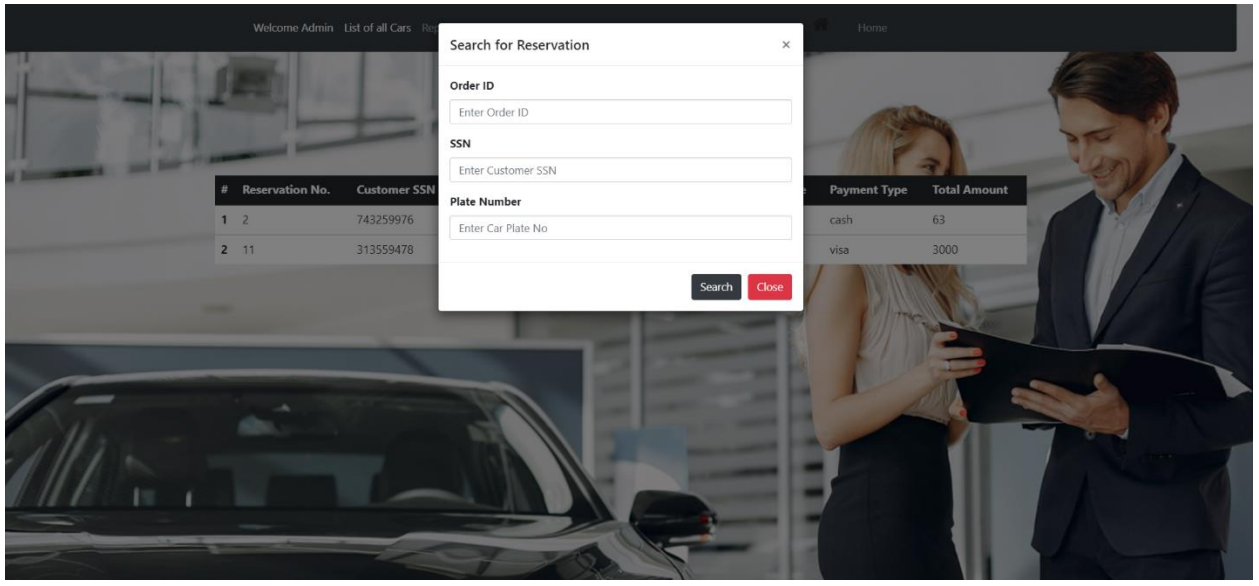
#	Reservation No.	Customer SSN
1	2	743259976
2	11	313559478

**Payment Table:**








Payment Type	Total Amount
cash	63
visa	3000

## By Reservations:

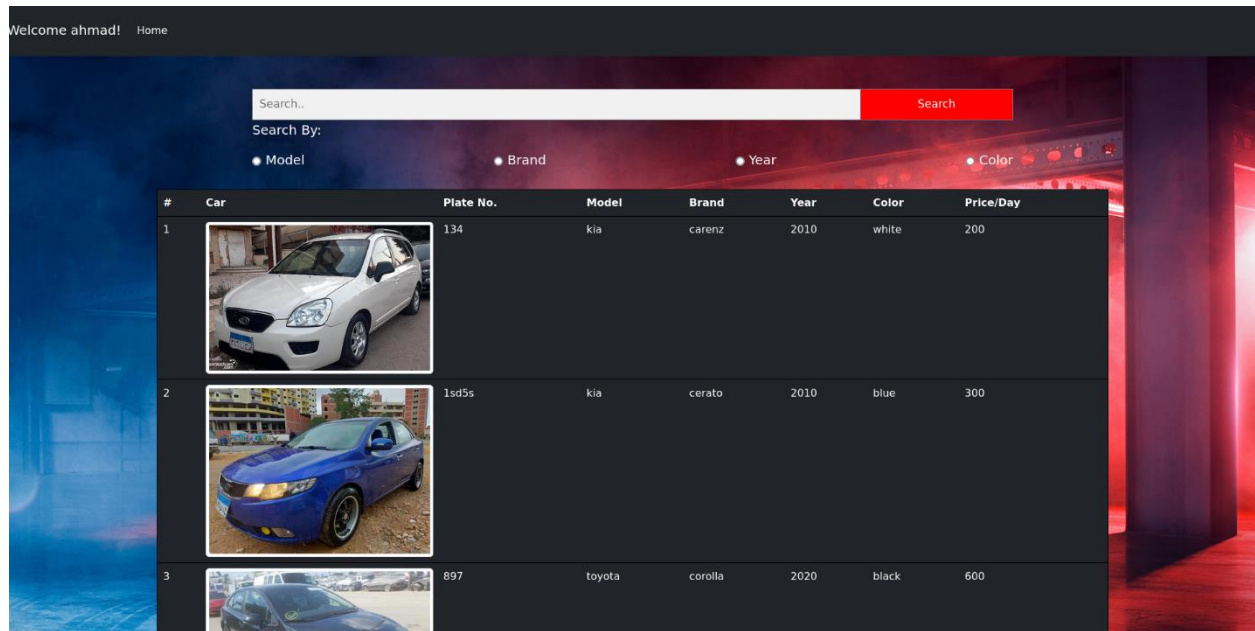




## Admin can view the list of all cars:

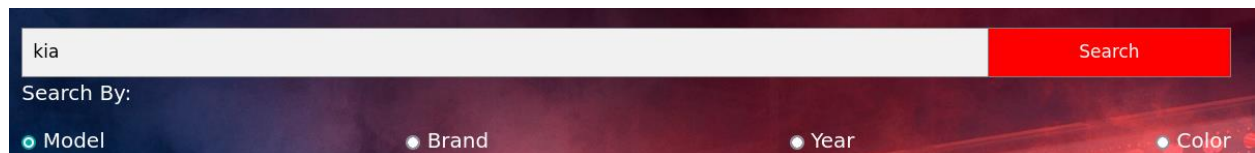
#	Plate no.	Brand	Model	Year	State	Color	Price	office_id	image
1	5564387	Honda	Civic	2015	active	White	2300	16	
2	6284327	Hyundai	Azera	2018	active	White	2850	16	
3	6342876	Hyundai	Sonata	2016	active	Copper	2200	16	
4	8765934	Kia	Picanto	2022	active	White	6030	16	
5	2333378	Ferrari	Spider	2020	active	Red	12500	15	
6	2345678	Ferrari	Roma	2021	active	Red	13500	15	
7	3451229	Toyota	Land Cruiser	2022	active	Black	17600	12	

- **Customer Greeting:**

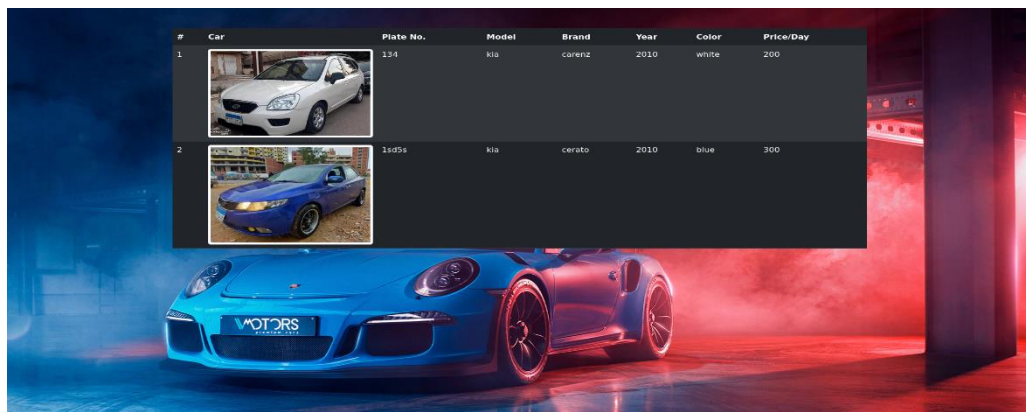


A customer is greeted with a table showing all available cars and a search bar that allows him to search for a car by model, brand, year or color. Naturally the search bar will not work with no input.

- **Search Example:**



The above search option redirects the user to the following page.



- **Rent Date Selection:**

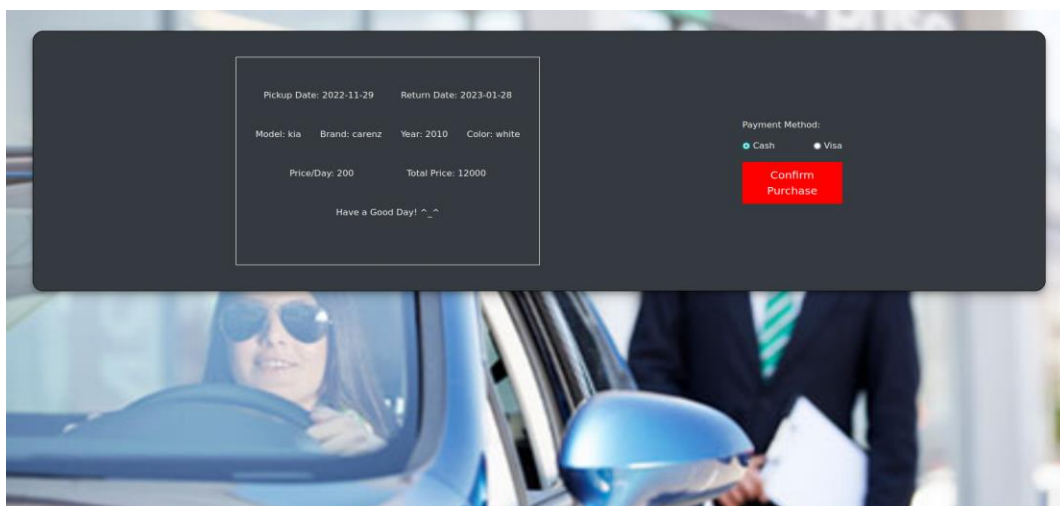
Simply clicking on the desired car to be rented the user is redirected to the following page.



The user is to select the rent date and the return date of the car. Naturally, the rent date can't be greater than the return date or the current date.

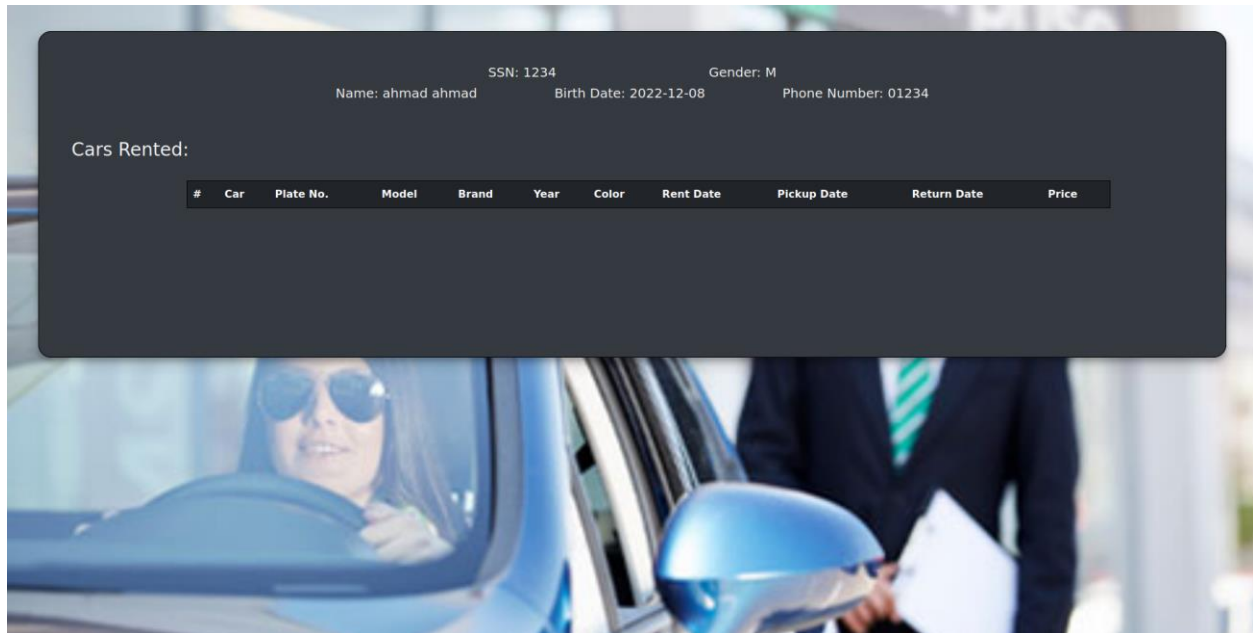
- **Rent Date Selection:**

Finally, the user chooses whether to pay with visa or in cash. Then the user confirms reservation.

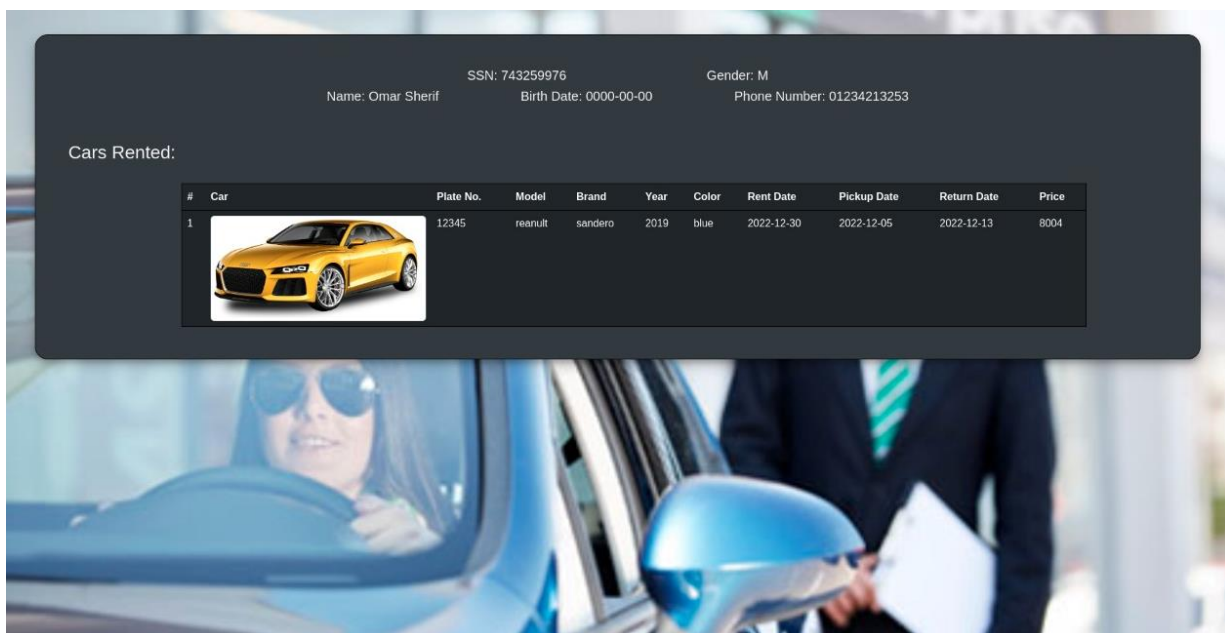


- **User Page:**

The user can select to view his personal and his rented cars by simply pressing on the “home” button in the user page. Which would lead him to the following page.



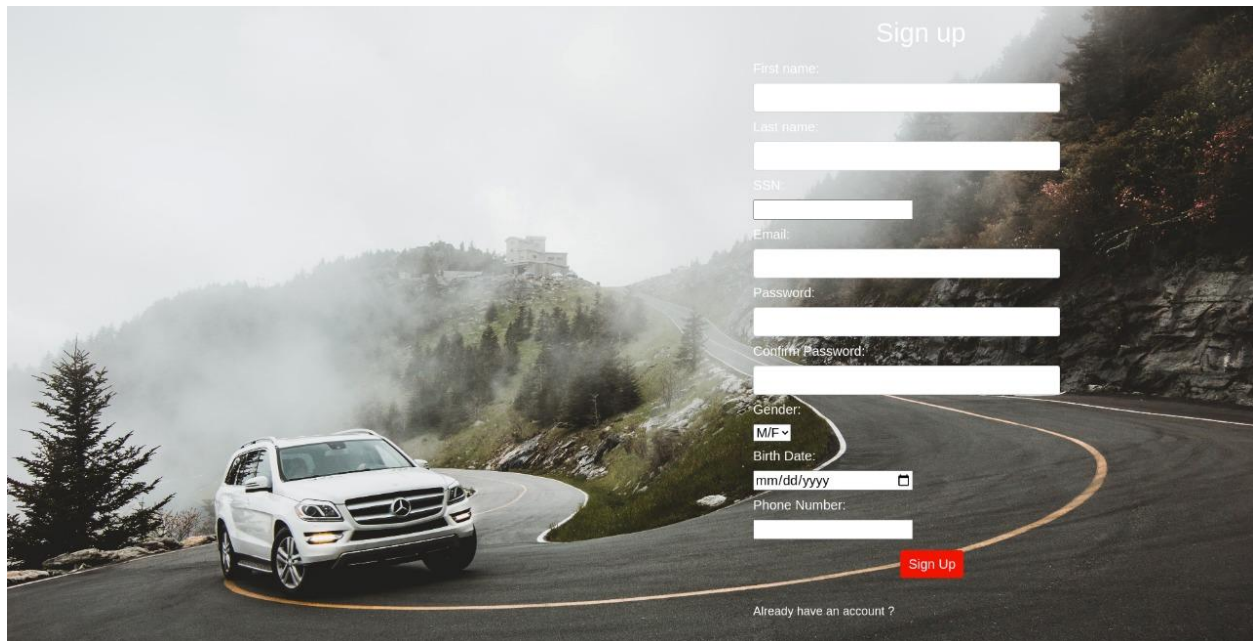
The previous is an example of a user who rented nothing yet. In case of rented cars, the following shows.





- **User Registration:**

Finally, the user can create an account in the system whenever he likes to. The user enters all the details shown in the page. When the user sign ups, all data are inserted into our database.

A user registration form is overlaid on a scenic background image of a winding asphalt road through a misty, mountainous landscape. A white SUV is driving on the road. The form is titled "Sign up" and includes input fields for First name, Last name, SSN, Email, Password, Confirm Password, Gender (with a dropdown menu showing "M/F"), Birth Date (with a date picker icon), and Phone Number. A red "Sign Up" button is located below the form fields. At the bottom of the form, there is a link that says "Already have an account ?".

Sign up

First name:

Last name:

SSN:

Email:

Password:

Confirm Password:

Gender:  
M/F

Birth Date:  
mm/dd/yyyy

Phone Number:

Sign Up

Already have an account ?



