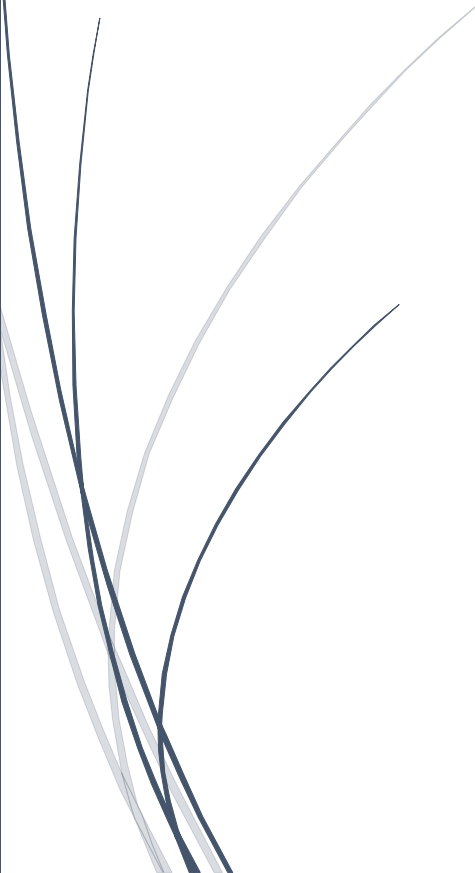




Fall 2022

# Car Rental Website

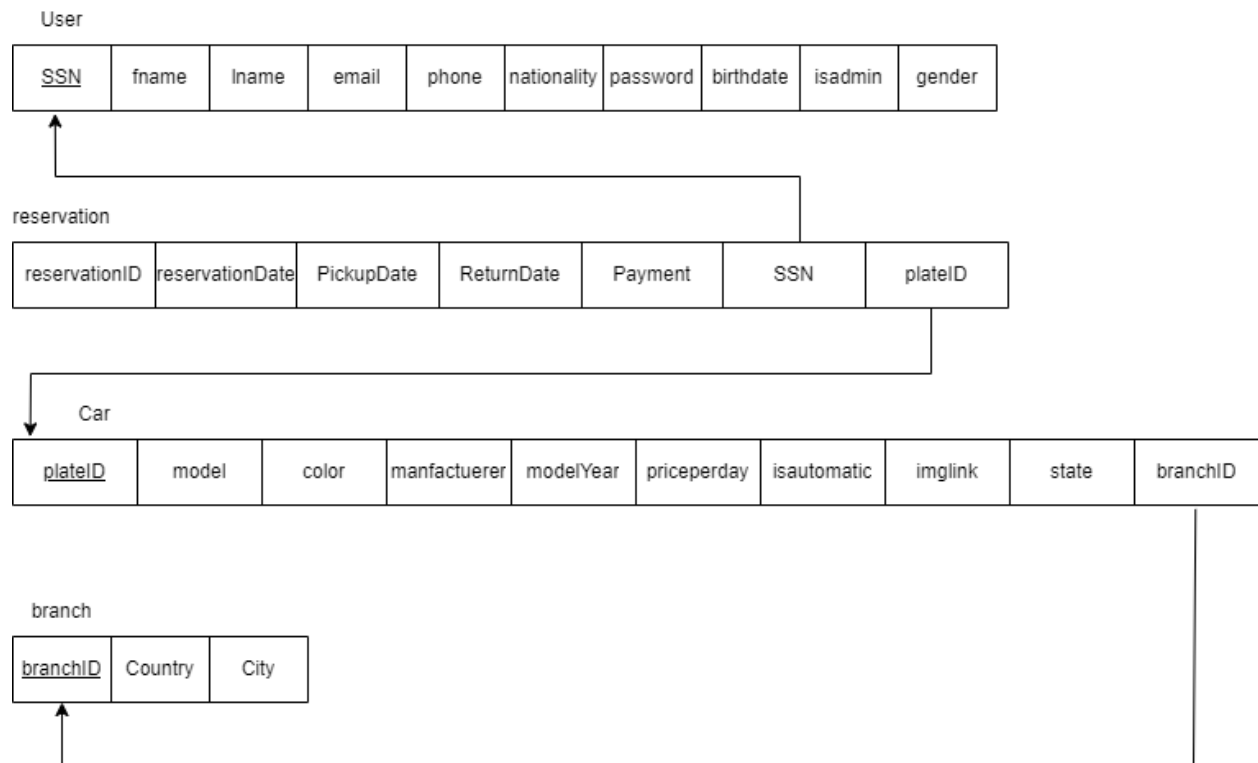
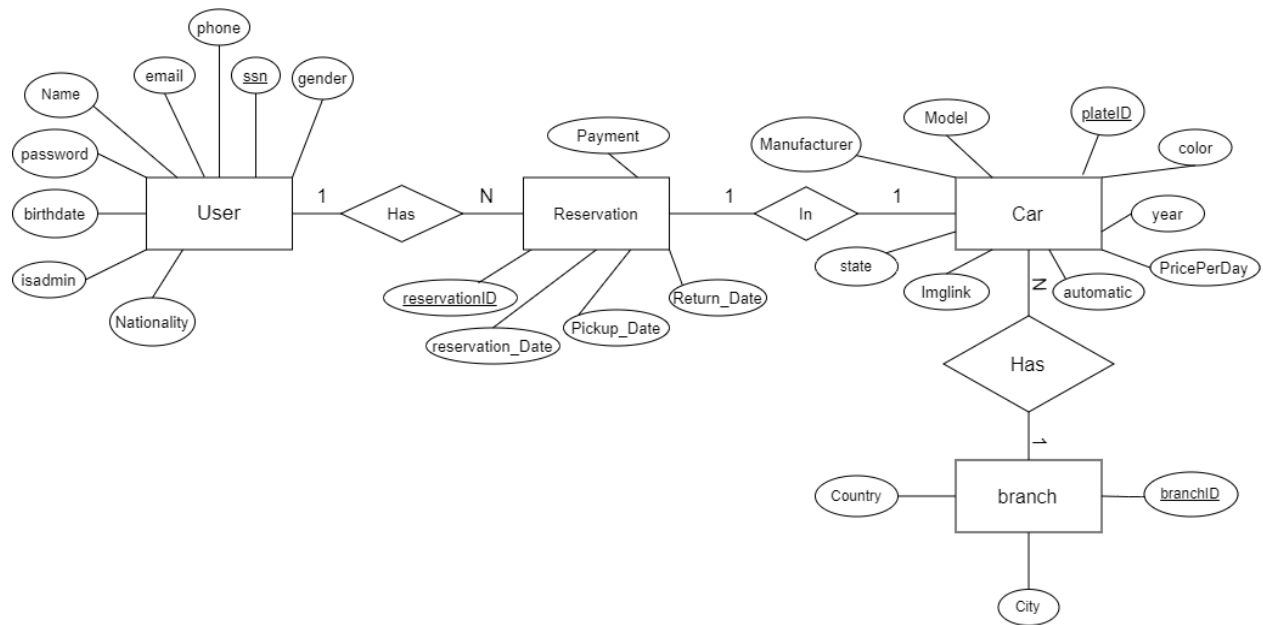
Name	ID
Ahmad Hazem Ahmad	7193
Mohammed Ahmed Saleh	7004
Amr Ahmed Mousa	6798
Nader Mohammed	7115



## CONTENTS

1.0	ER Diagram and schema .....	2
2.0	USER MODE .....	3
2.1	home page.....	3
2.2	Login pAGE.....	3
2.3	SIGN-UP pAGE .....	4
2.4	Profile Page.....	4
2.6	reserve Page.....	5
2.7	View user reservations.....	6
3.0	Admin MODE .....	7
3.1	Veiw reservations during specfic period.....	7
3.2	View all cars or a specfic car .....	8
3.3	View Car status.....	9
3.4	View Customer reservations by name .....	10
3.5	add CAR .....	12
3.6	Customize car .....	13
3.7	Delete CAR.....	15
3.8	Payments.....	16
3.9	Adding branches .....	18

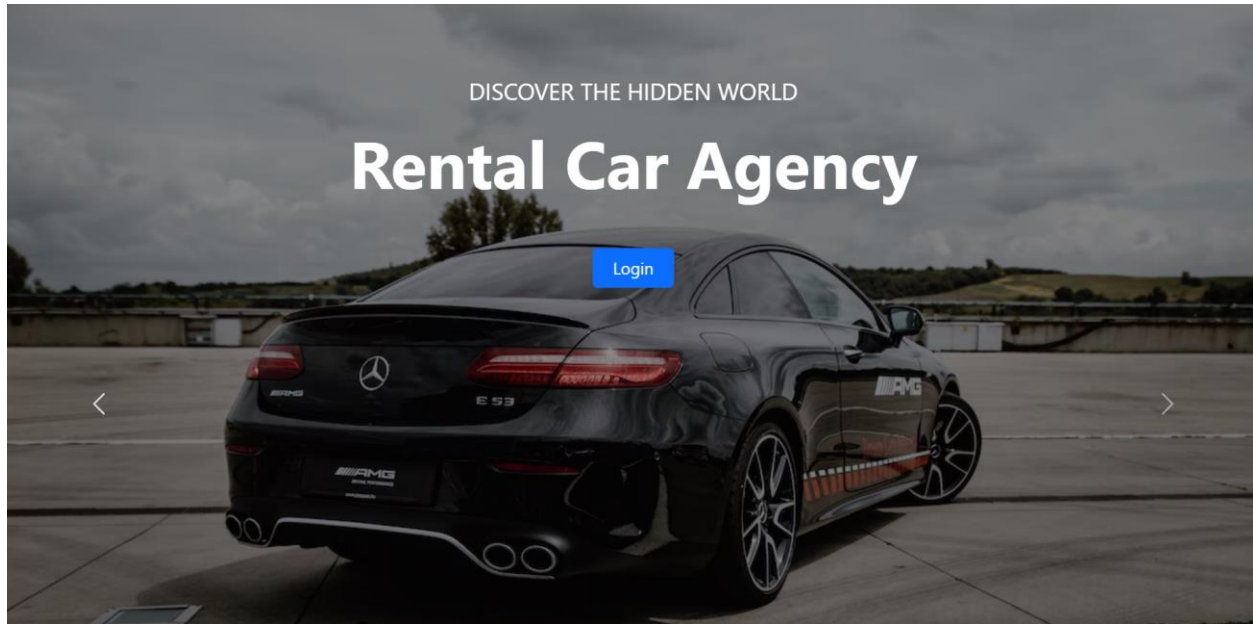
# 1.0 ER DIAGRAM AND SCHEMA



## 2.0 USER MODE

### 2.1 HOME PAGE

Our home pages



### 2.2 LOGIN PAGE

This is the login page the user can log in if he/she has an account otherwise sign up for a new account.

A login page with a city skyline background. The text "CAR RENTAL" is displayed. Below it, there are two empty input fields labeled "Email" and "Password". A blue "Submit" button is at the bottom, with a link "sign up ?" below it.A login page with a city skyline background. The text "CAR RENTAL" is displayed. Below it, there are two input fields. The "Email" field is pre-filled with "user@user.gmail" and the "Password" field is pre-filled with "...". A blue "Submit" button is at the bottom, with a link "sign up ?" below it.

## 2.3 SIGN-UP PAGE

This is our sign-up page for our website here the user must fill up that form to obtain an account.

Create a free account [Back To login page](#)

**Account Details**

Email\*  Password\*

**Personal Details**

First Name\*  Gender\* ☐ Male ☐ Female

Last Name\*  Birthdate

Phone\*

Nationality\*

Social Security Number\*

[Submit](#)

## 2.4 PROFILE PAGE

This is the user's profile page that contains all his login information

Car reservation [back](#) [Reserve car](#) [View your reservations](#)

First Name  
user

Last Name  
user

Email  
user@gmail.com

SSN  
031111111111111

Mobile  
0111111111

Nationality  
user

Birthdate  
2002-05-30

gender  
Male

[Delete account](#)

The user here can either click back to log out or reserve car to reserve car in the reserve page or view his previous reservations and due payments.

Also he can delete his account with the button below his information

## 2.6 RESERVE PAGE

Car reservation

Back To Profile

From

To

Pickup location

Car Manufacturer

Car Model

color

Max price per day

Submit

plateID

reserve

plate ID	Car Manufacturer	Car Model	modelYear	imglink	price per day	color	Automatic
----------	------------------	-----------	-----------	---------	---------------	-------	-----------

Here we can see the reservation page where the user can put the period he needs to reserve the car and the location branch. There are extra search filter to aid him/her in his search such as car brand/manufacture or car model or color or max price.

Car reservation

Back To Profile

From

To

Pickup location

Car Manufacturer

Car Model




color

Max price per day

Submit

plateID

reserve

plate ID	Car Manufacturer	Car Model	modelYear	imglink	price per day	color	Automatic
7009	Mercedes	e200	2020		750	silver	YES
7193	Mercedes	c200	2021			blue	YES
7195	Mercedes	glc 300	2021		800	white	YES

For this example, the user has entered the period that the car will be reserved in and chose Alexandria branch and wanted to reserve Mercedes cars.

To complete reservation user must click reserve.

localhost says

Car was rented : 4800 EGP

OK

## 2.7 VIEW USER RESERVATIONS

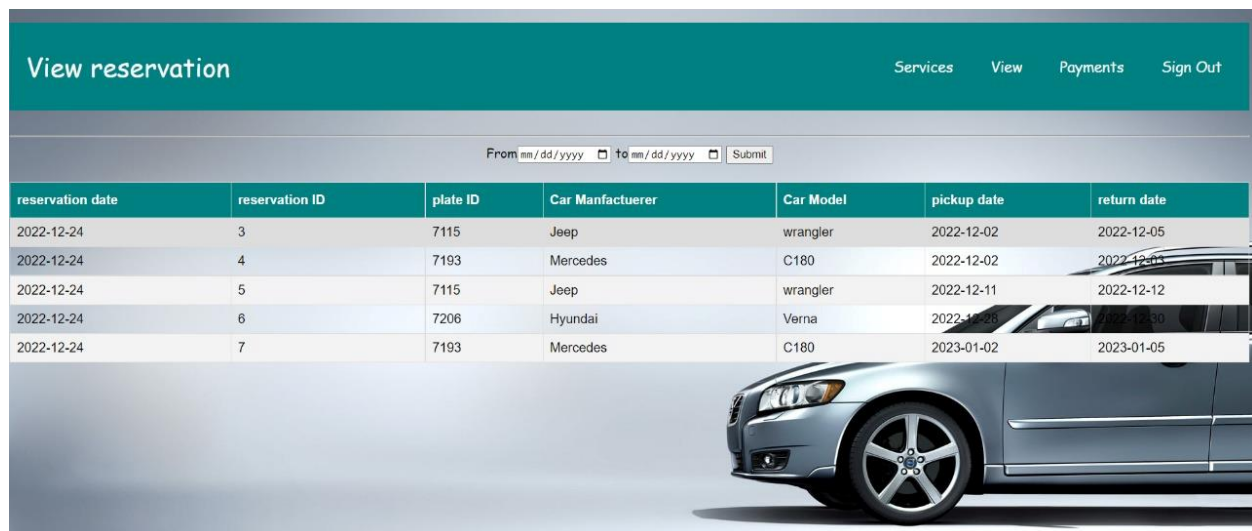
View Your reservations							<a href="#">Back To Profile</a>
Enter Reservation ID you want to delete: <input type="text"/> <a href="#">delete</a>							
reservation date	reservation ID	plate ID	Car Manufacturer	Car Model	Color	pickup date	return date
2022-12-30	6	7009	Mercedes	e200	silver	2022-12-10	2022-12-15
2022-12-30	11	7193	Mercedes	c200	blue	2022-12-11	2022-12-16
2022-12-30	14	7195	Mercedes	glc 300	white	2022-12-17	2022-12-22

Here the user can observe all of his reservation and delete a reservation if he/she wants by inserting it in the above form.

## 3.0 ADMIN MODE

### 3.1 VIEW RESERVATIONS DURING SPECIFIC PERIOD

If the ADMIN wishes to know ALL the cars which is reserved in the agency he/she can find “view reservation” page which Displays it ( figure shown below )




The screenshot displays a web application interface for viewing reservations. At the top, there is a teal header bar with the text "View reservation" on the left and navigation links "Services", "View", "Payments", and "Sign Out" on the right. Below the header, there is a search bar with the text "From mm/dd/yyyy" and "to mm/dd/yyyy" followed by a "Submit" button. The main content area features a table with the following columns: reservation date, reservation ID, plate ID, Car Manufacturer, Car Model, pickup date, and return date. The table contains five rows of reservation data. Below the table, there is a large image of a silver car, likely a Mercedes-Benz C180, shown from a side profile.

reservation date	reservation ID	plate ID	Car Manufacturer	Car Model	pickup date	return date
2022-12-24	3	7115	Jeep	wrangler	2022-12-02	2022-12-05
2022-12-24	4	7193	Mercedes	C180	2022-12-02	2022-12-05
2022-12-24	5	7115	Jeep	wrangler	2022-12-11	2022-12-12
2022-12-24	6	7206	Hyundai	Verna	2022-12-05	2022-12-09
2022-12-24	7	7193	Mercedes	C180	2023-01-02	2023-01-05





In Case of the ADMIN wants to search for a specific car to check its reservation information he/she can search for the car by inserting the range of the date to show all the cars with there pickuo date and return date which is in the given range by the ADMIN

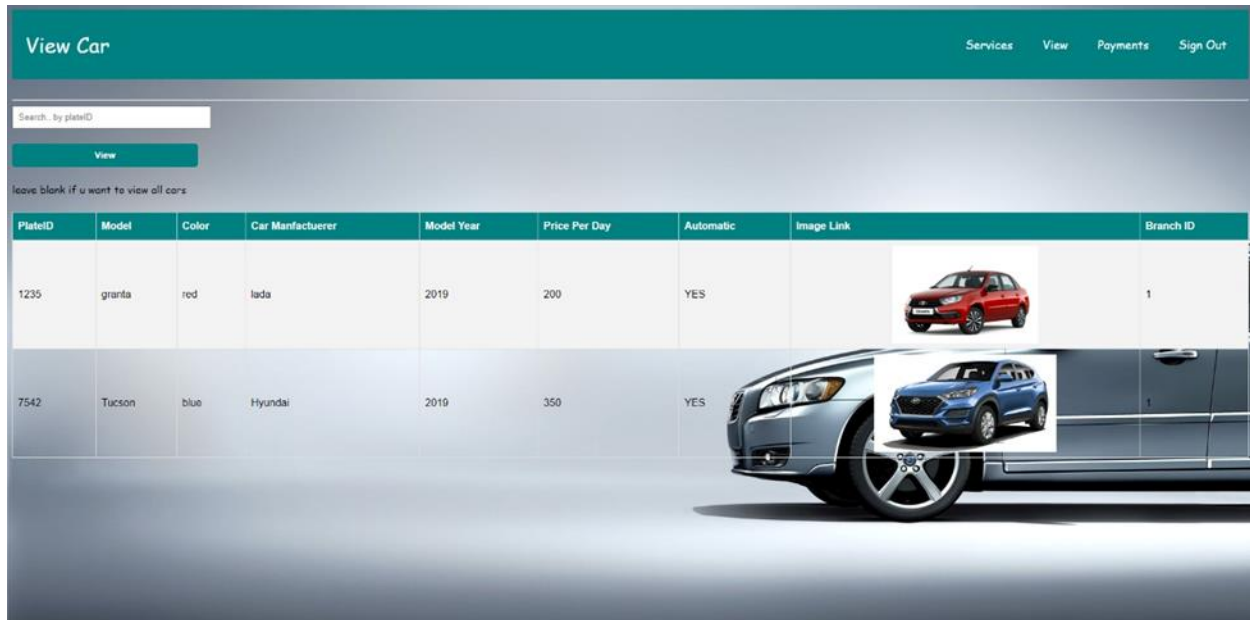
View reservation							Services	View	Payments	Sign Out
From 12/01/2022 to 12/31/2022 Submit										
reservation date	reservation ID	plate ID	Car Manfactuerer	Car Model	pickup date	return date				
2022-12-24	3	7115	Jeep	wrangler	2022-12-02	2022-12-05				
2022-12-24	4	7193	Mercedes	C180	2022-12-02	2022-12-03				
2022-12-24	5	7115	Jeep	wrangler	2022-12-11	2022-12-12				
2022-12-24	6	7206	Hyundai	Verna	2022-12-02	2022-12-03				
2022-12-29	8	7004	Mercedes	e200	2022-12-01	2022-12-05				



## 3.2 VIEW ALL CARS OR A SPECIFIC CAR

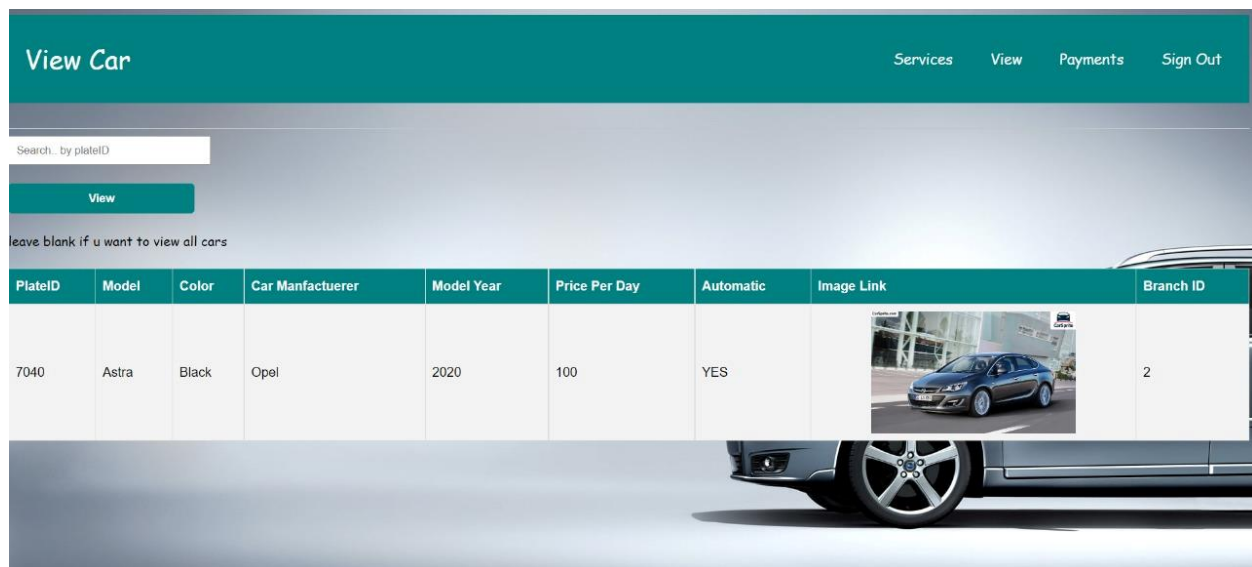
This is a view of All the cars which is in the agency

View Car										Services	View	Payments	Sign Out
7040													
View													
leave blank if u want to view all cars													
PlateID	Model	Color	Car Manfactuerer	Model Year	Price Per Day	Automatic	Image Link		Branch ID				
6666	granta	red	Lada	2020	180	YES			1				
6777	Yaris	Bronze	Toyota	2020	150	YES							



When the ADMIN wants to search for a specific car he/she can search for the car by inserting its plateID in the space provided

( In this example a search for a car with plateID → 7040 has been made )



### 3.3 VIEW CAR STATUS

In this page A view of the cars status which shows All the cars with its states ( Active OR out of service )

Car status				Services	View	Payments	Sign Out
plate ID <input type="text"/>				<input type="button" value="view"/>			
plate ID	Car Manfactuerer	Car Model	State				
6666	Lada	granta	out of service				
6777	Toyota	Yaris	active				
6798	Renault	Logan	active				
7004	Mercedes	e200	active				
7040	Opel	Astra	active				
7115	Jeep	wrangler	active				
7193	Mercedes	C180	active				
7197	BMW	X6	active				
7206	Hyundai	Verna	active				

If the ADMIN wishes to search for a specific car to check its current status , he/she can search for the car by inserting its PlateID

( In this example a search for a car with plateID→ 7004 has been made to check its status , which is shown in the below figure )

Car status				Services	View	Payments	Sign Out
plate ID <input type="text"/>				<input type="button" value="view"/>			
plate ID	Car Manfactuerer	Car Model	State				
7004	Mercedes	e200	active				

### 3.4 VIEW CUSTOMER RESERVATIONS BY NAME

A Customer Reservation page which views all the customers and the car specification which is reserved by its member displayed as in the figure below

Customer reservation

[Services](#)
[View](#)
[Payments](#)
[Sign Out](#)

First Name

Last Name

View

reservation date	reservation ID	SSN	First Name	Last Name	Phone	pickup date	return date	plate ID	Manufacturer	Car Model	Payments
2022-12-24	3	30107280200836	Ahmad	Metwaly	+201004851074	2022-12-02	2022-12-05	7115	Jeep	wrangler	180
2022-12-24	6	30107280200836	Ahmad	Metwaly	+201004851074	2022-12-02	2022-12-30	7206	Hyundai	Verna	50
2022-12-24	7	30107280200836	Ahmad	Metwaly	+201004851074	2023-01-02	2023-01-05	7193	Mercedes	C180	400

When the ADMIN wishes to view the information of a specific customer dealing with the agency and rented a car , he/she can search for the customer by searching for his/her name from the search box and press “View”

And then the customer will be displayed with his/her information

Customer reservation

[Services](#)
[View](#)
[Payments](#)
[Sign Out](#)

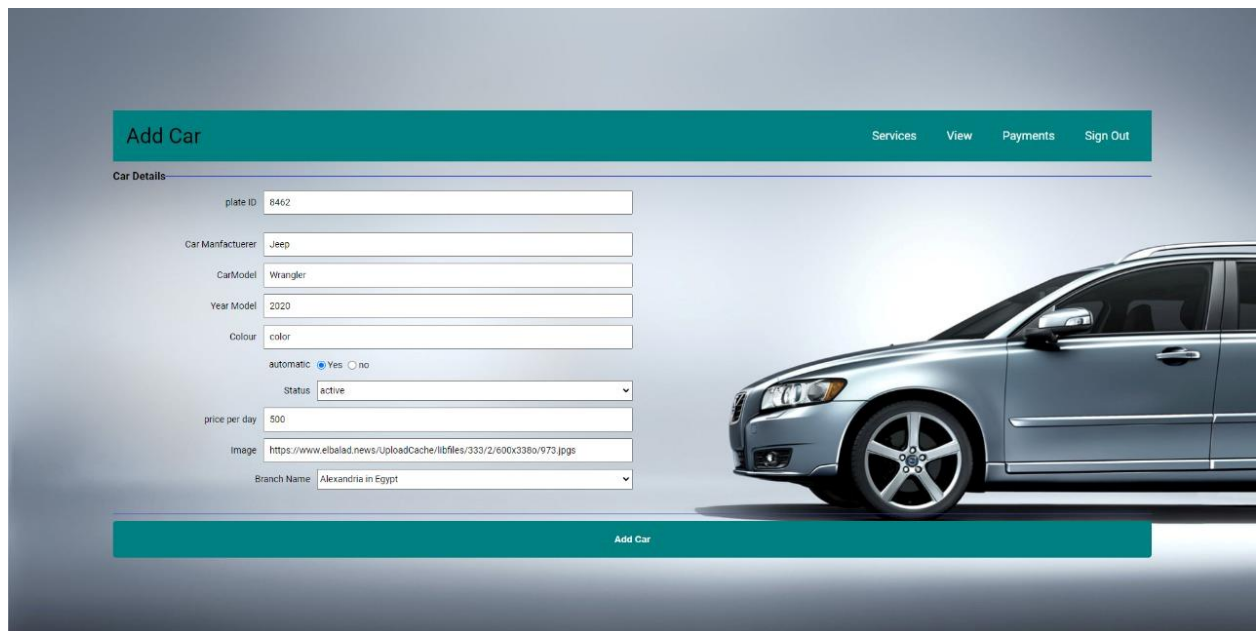
First Name

Last Name

View

reservation date	reservation ID	SSN	First Name	Last Name	Phone	pickup date	return date	plate ID	Manufacturer	Car Model	Payments
2022-12-24	4	0300448194240122	Mohammed	Saleh	0122334455	2022-12-02	2022-12-03	7193	Mercedes	C180	400
2022-12-24	5	0300448194240122	Mohammed	Saleh	0122334455	2022-12-02	2022-12-12	7115	Jeep	wrangler	180
2022-12-24	3	30107280200836	Ahmad	Metwaly	+201004851074	2022-12-02	2022-12-05	7115	Jeep	wrangler	180
2022-12-24	6	30107280200836	Ahmad	Metwaly	+201004851074	2022-12-02	2022-12-30	7206	Hyundai	Verna	50

## 3.5 ADD CAR



When the Admin wishes to add a new car to the agency, by going to the Adding car pages , and start inserting the specifications of the new car for insertion and

localhost says

Car Has been added succesfully

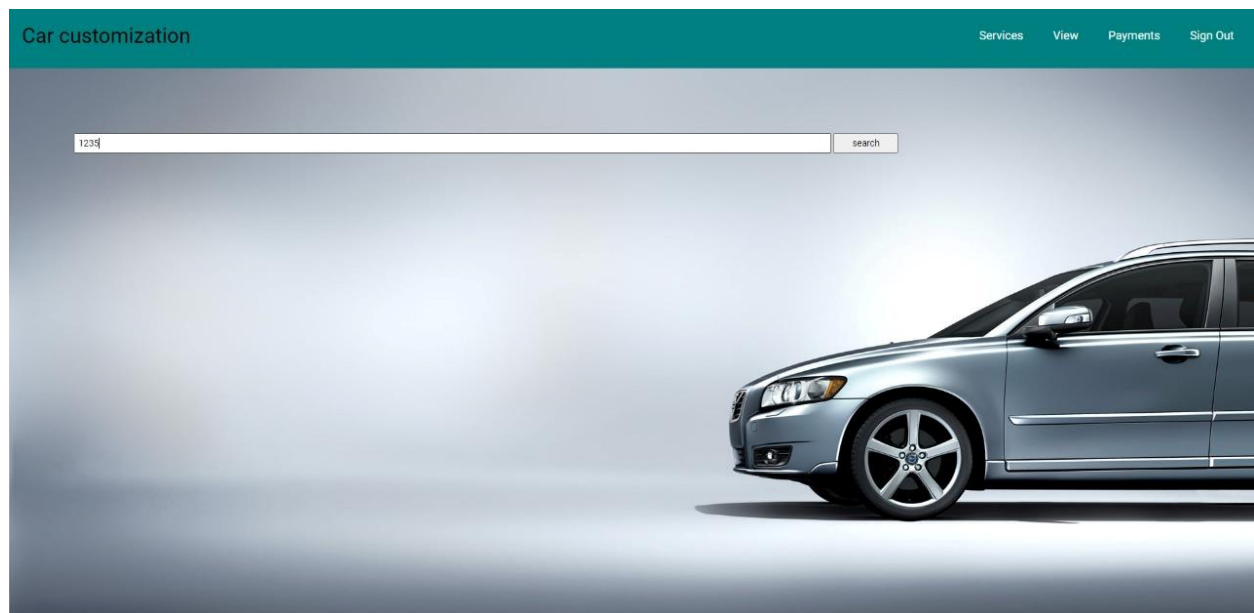
OK

## 3.6 CUSTOMIZE CAR

When the Admin wishes to customize a specific identify for a car that exists in the agency, he/she have to insert the plateID of the car required to be altered as the shown figure below.

In this example The price of the car with plateID →1235 ( Red lada ) price per day to be changed from 200 to become 400 per day and by which will be updated in the site once the Admin Apply his changes to the customization.

This a view list of the cars before any changes





### Car Details

Car Manufacturer

Car Model

Year Model

Color

automatic\*

☒ Yes ☐ no


plate ID

Status

Image Link

Price per Day



Branch name




View Car

[Services](#)
[View](#)
[Payments](#)
[Sign Out](#)

leave blank if u want to view all cars

PlateID	Model	Color	Car Manufacturer	Model Year	Price Per Day	Automatic	Image Link	Branch ID
1235	granta	red	lada	2019	400	YES		1
7542	Tucson	blue	Hyundai	2019	350	YES		1

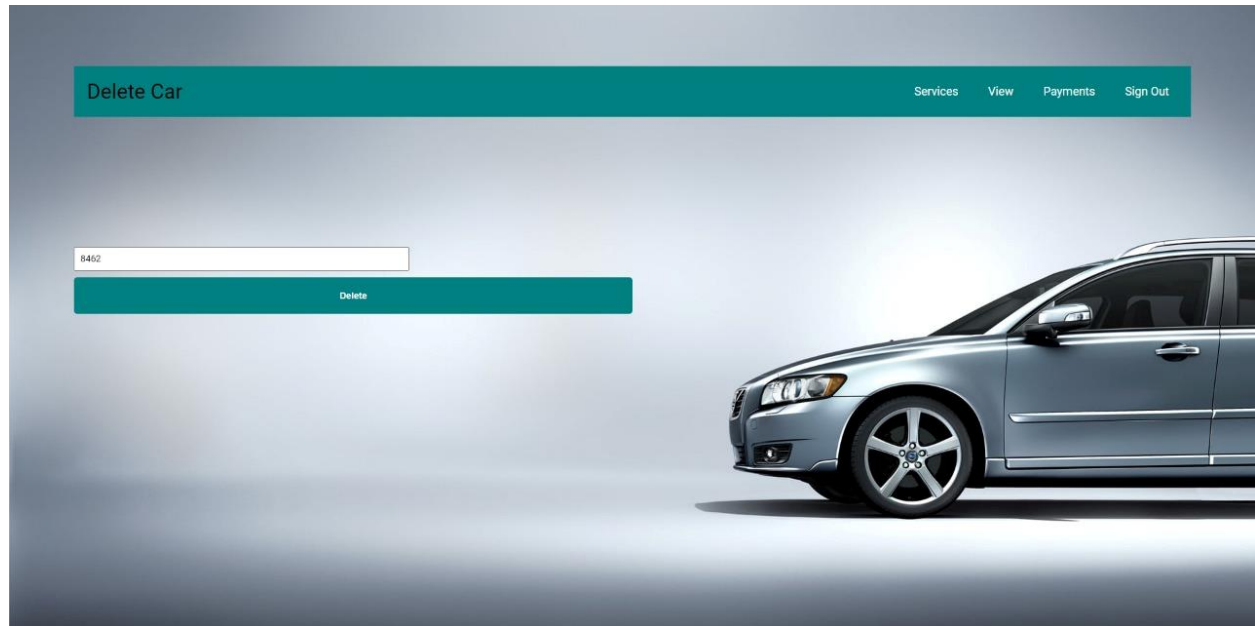


The new price of the car with plateID → 1235 after altering its price per day




## 3.7 DELETE CAR

This is an example of the lists of the car that exists in the Agency, before deleting a specific car

Here we are Removing a car from the agency with plateID → 8462 ( Jeep car )



A screenshot of a web application interface for viewing a list of cars. At the top, there is a teal header bar with the text 'View Car' on the left and navigation links 'Services', 'View', 'Payments', and 'Sign Out' on the right. Below the header, there is a search bar with the placeholder text 'Search: by plateID' and a teal 'View' button. Below the search bar, there is a small text instruction: 'leave blank if u want to view all cars'. The main content is a table with the following columns: PlateID, Model, Color, Car Manufacturer, Model Year, Price Per Day, Automatic, Image Link, and Branch ID. The table contains three rows of data, each with a car image in the 'Image Link' column.

PlateID	Model	Color	Car Manufacturer	Model Year	Price Per Day	Automatic	Image Link	Branch ID
1235	granta	red	lada	2019	200	YES		1
7542	Tucson	blue	Hyundai	2019	350	YES		1
8462	Wrangler	color	Jeep	2020	500	YES		1





localhost says

Car Has been deleted successfully

OK

The car has been removed from the agency successfully and an updated list of the Available cars in the agency shown in the figure below

View Car									
Search: by plateID									
View									
leave blank if u want to view all cars									
PlateID	Model	Color	Car Manufacturer	Model Year	Price Per Day	Automatic	Image Link		Branch ID
1235	granla	red	lada	2019	200	YES			1
7542	Tucson	blue	Hyundai	2019	350	YES			1


## 3.8 PAYMENTS

When the ADMIN wishes to know the profit which being made by the agency in a specific period

He/she should insert the range of the date, then the Total profit of the cars which is active in the agency


Display of all the cars which is active with each price per day is shown

Payments							
<div>ServicesViewPaymentsSign Out</div>							
From 12/01/2022 to 12/31/2022 Submit							
Total Profit in the specified period EGP							
reservation date	reservation ID	plate ID	First Name	Last Name	pickup date	return date	Payment
2022-12-24	4	7193	Mohammed	Saleh	2022-12-02	2022-12-03	400
2022-12-24	5	7115	Mohammed	Saleh	2022-12-11	2022-12-12	180
2022-12-24	3	7115	Ahmad	Metwaly	2022-12-02	2022-12-05	540
2022-12-24	6	7206	Ahmad	Metwaly	2022-12-28	2022-12-30	100
2022-12-24	7	7193	Ahmad	Metwaly	2023-01-02	2023-01-05	1200

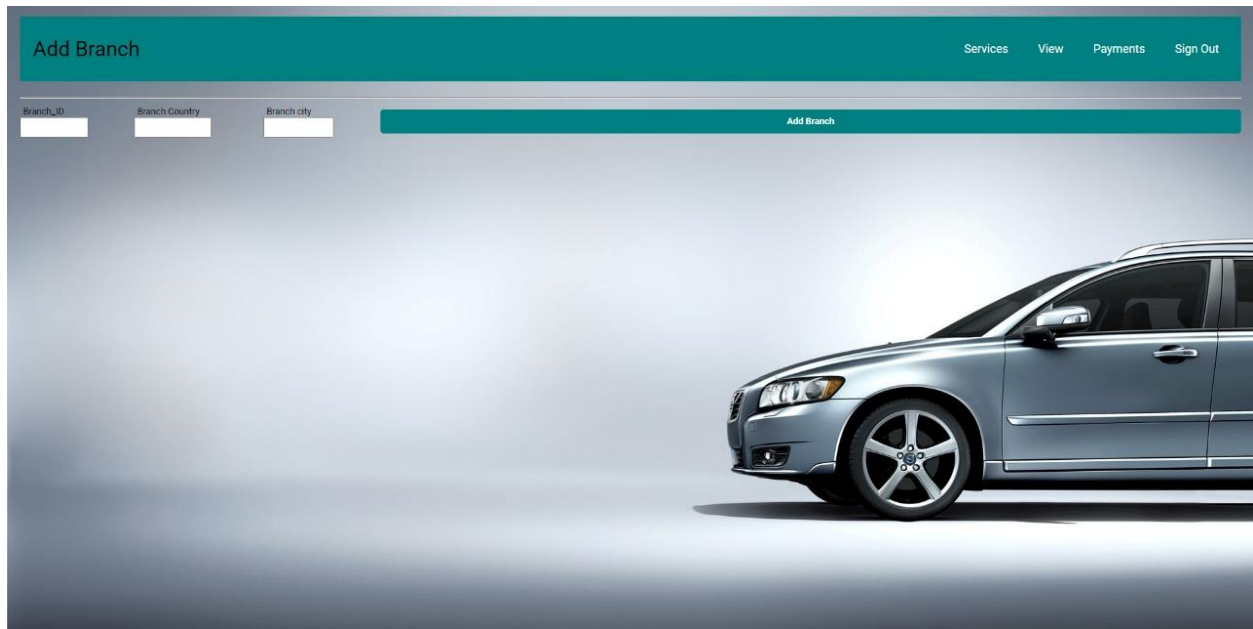


The shown figure below shows all the cars in the specific period being searched for and The Total profit which is made by the agency

Payments							
<div>ServicesViewPaymentsSign Out</div>							
From mm/dd/yyyy to mm/dd/yyyy Submit							
Total Profit in the specified period 280 EGP							
reservation date	reservation ID	plate ID	First Name	Last Name	pickup date	return date	Payment
2022-12-24	5	7115	Mohammed	Saleh	2022-12-11	2022-12-12	180
2022-12-24	6	7206	Ahmad	Metwaly	2022-12-28	2022-12-30	100



## 3.9 ADDING BRANCHES



The screenshot shows a web application interface for adding a new branch. At the top, there is a teal header bar with the text "Add Branch" on the left and navigation links "Services", "View", "Payments", and "Sign Out" on the right. Below the header, there is a form with three input fields labeled "Branch ID", "Branch Country", and "Branch city". To the right of these fields is a teal button labeled "Add Branch". The background of the page features a silver car parked on a light blue surface.

This is the available branches for which the ADMIN can select from when he/she adds a new car, before adding any new branches to the agency



The screenshot shows a dropdown menu for selecting a branch name. The label "Branch Name" is on the left. The dropdown list is open, showing three options: "Alexandria in Egypt", "New Giza in Egypt", and "Tanta in Egypt". The first option, "Alexandria in Egypt", is highlighted with a blue background.

Insertion of the specifications of the new branch which will be added to the Agency

The branches which will be available to the ADMIN when he/she wishes to add a new car to the agency

## 4.0 VIEWING WHOLE CUSTOMERS

Here whole customers in the system can be observed and even searched by name

SSN	First Name	Last Name	Phone	email	birthdate	nationality	gender
03111111111111	user	user	01111111111	user@gmail.com	2002-05-30	user	Male
30107280200836	Ahmad	Metwaly	+201004851074	es-Ahmad Ahmad24@alexu.ed.eg	2022-12-01	EGYPT	Male
7894563124862793	Amr	Mousa	012397455681	AmrMousa55@yahoo.com	2001-08-12	egypt	Male