

# YOUR CAR

## CAR RENTAL SYSTEM

### NAMES:

MAYAR AHMED

MERNA MOURAD

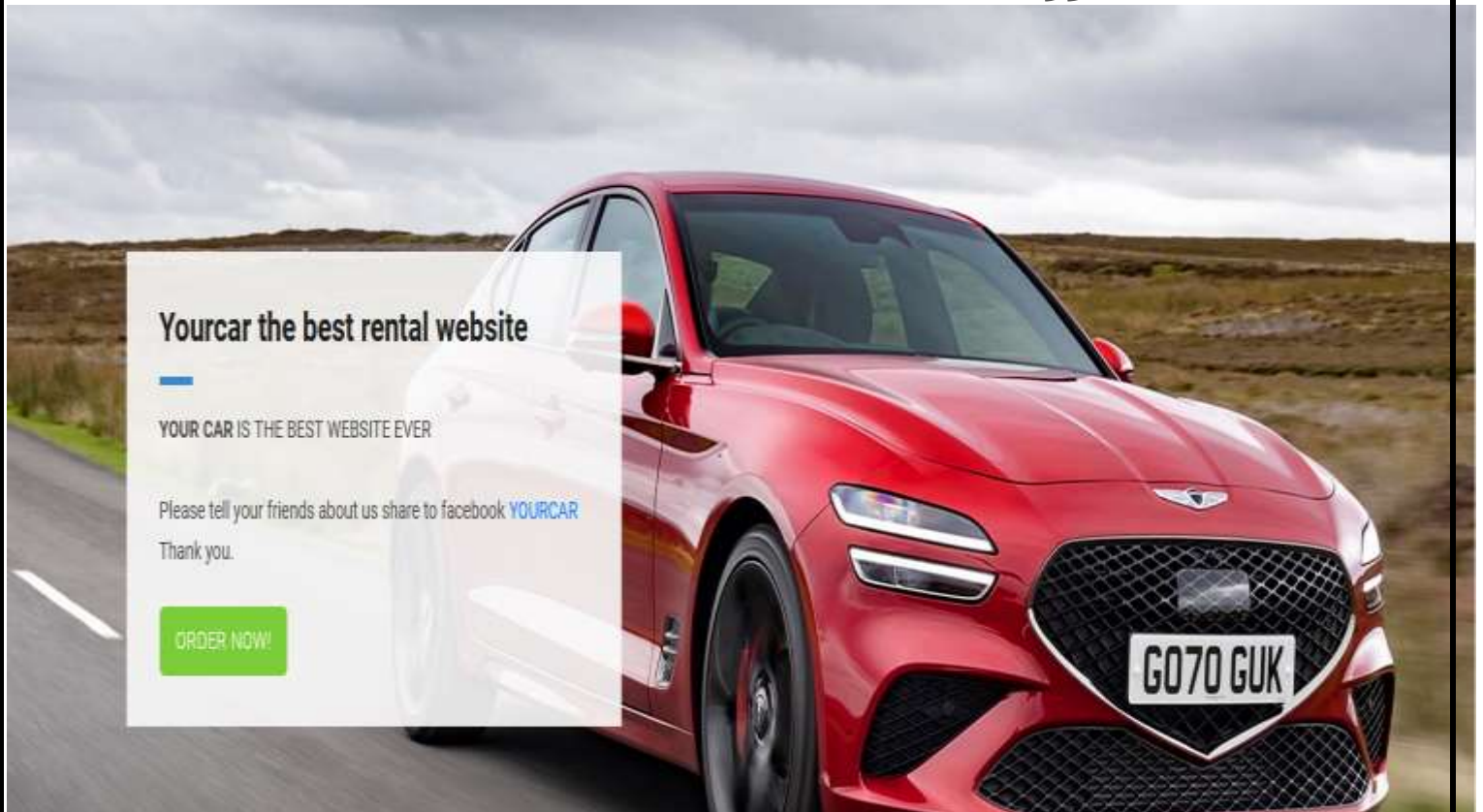
MENNA ABDELMEGUID

### ID:

6055

6377

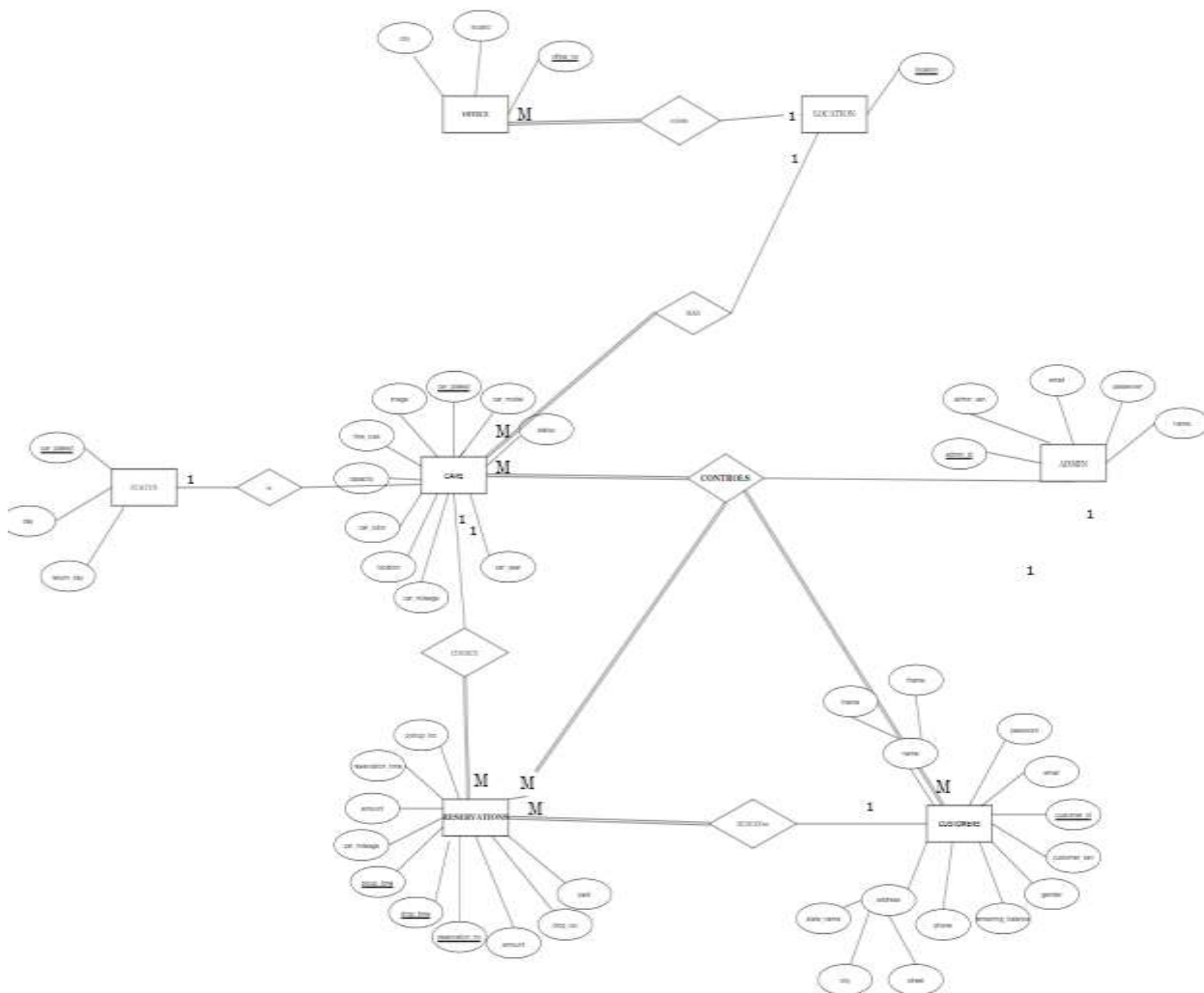
6538



# **OUR OBJECTIVE IN THIS PROJECT IS TO CREATE A FULL CAR RENTAL SYSTEM FOR A COMPANY (YOUR CAR):**

## **• FIRST: ER DIAGRAM**

BEFORE CREATING THE DATABASE ON PHPMYADMIN WE HAVE DESIGNED THE ER DIAGRAM OF THE SYSTEM:





















## SECOND: THE DATABASE ON PHPMYADMIN:

The screenshot displays the phpMyAdmin web interface. The top navigation bar includes tabs for Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, and Events. The left sidebar shows a tree view of databases, with 'car\_rental\_system' selected. The main panel shows the 'Structure' view for the 'car\_rental\_system' database. A 'Filters' section is visible with a search box. Below it, a table lists the database's contents:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> cars	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> customer	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> office	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> reservation	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
5 tables	Sum	16	InnoDB	utf8mb4_general_ci	176.0 KiB	0 B

## IN OUR SYSTEM WE HAVE 7 TABLES:

### 1-ADMIN:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 admin_id	 int(11)			No	None		AUTO_INCREMENT	 Change  Drop  More
<input type="checkbox"/>	2 name	varchar(255)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	3 password	varchar(255)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	4 email	 varchar(255)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	5 admin_ssn	 char(9)	utf8mb4_general_ci		No	None			 Change  Drop  More

### WITH 5 ATTRIBUTES:

1-ADMIN\_ID :PRIMARY KEY

2-NAME

3-PASSWORD

4-EMAIL

5-ADMIN\_SSN

## 2-CARS :

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 car_plateid	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	2 image	text	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 car_model	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	4 car_color	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	5 car_year	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	6 car_mileage	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	7 hire_cost	decimal(15,2)			No	None			Change  Drop  More
<input type="checkbox"/>	8 capacity	int(11)			No	None			Change  Drop  More
<input type="checkbox"/>	9 status	varchar(255)	utf8mb4_general_ci		No	Available			Change  Drop  More
<input type="checkbox"/>	10 location	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More

## WITH 10 ATTRIBUTES:

1-CAR\_PLATEID :PRIMARY KEY

2-IMAGE

3-CAR\_MODEL

4-CAR\_COLOR

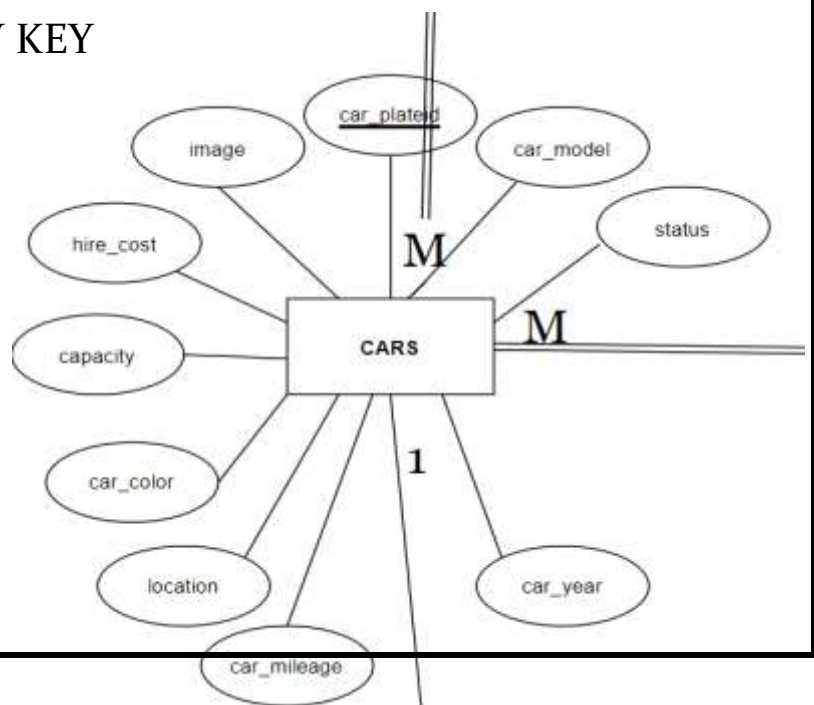
5-CAR\_YEAR

6-CAR\_MILEAGE

7-HIRE\_COST

8-CAPACITY

9-STATUS



10-LOCATION

### 3-STATUS:

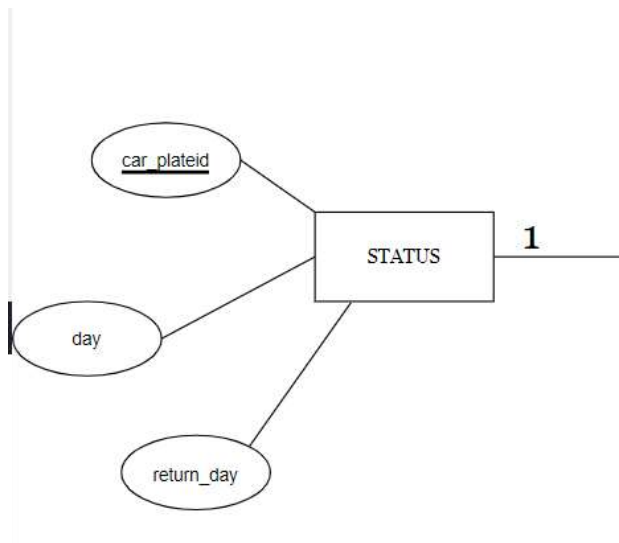
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	return_day	date			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 2	day	date			No	None			Change  Drop  More
<input type="checkbox"/> 3	car_plateid	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More

### WITH 3 ATTRIBUTES:

1-DAY:PRIMARY KEY

2-RETURN\_DAY

3-CAR\_PLATEID





## 4-CUSTOMERS:

<input type="checkbox"/>	1	customer_id	int(11)		No	None	AUTO_INCREMENT	Change	Drop	More
<input type="checkbox"/>	2	password	varchar(255)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	3	fname	varchar(255)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	4	lname	varchar(255)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	5	email	varchar(255)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	6	customer_ssn	char(9)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	7	phone	int(20)		No	None		Change	Drop	More
<input type="checkbox"/>	8	gender	char(1)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	9	remaining_balance	decimal(15,2)		No	0.00		Change	Drop	More
<input type="checkbox"/>	10	street	varchar(255)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	11	city	varchar(2255)	utf8mb4_general_ci	No	None		Change	Drop	More
<input type="checkbox"/>	12	state_name	varchar(255)	utf8mb4_general_ci	No	None		Change	Drop	More

## WITH 12 ATTRIBUTES:

1-CUSTOMER: PRMARY KEY

2-PASSWORD

3-FIRST\_NAME

4-LAST\_NAME

5-EMAIL

6-CUSTOMER\_SSN

7-PHONE

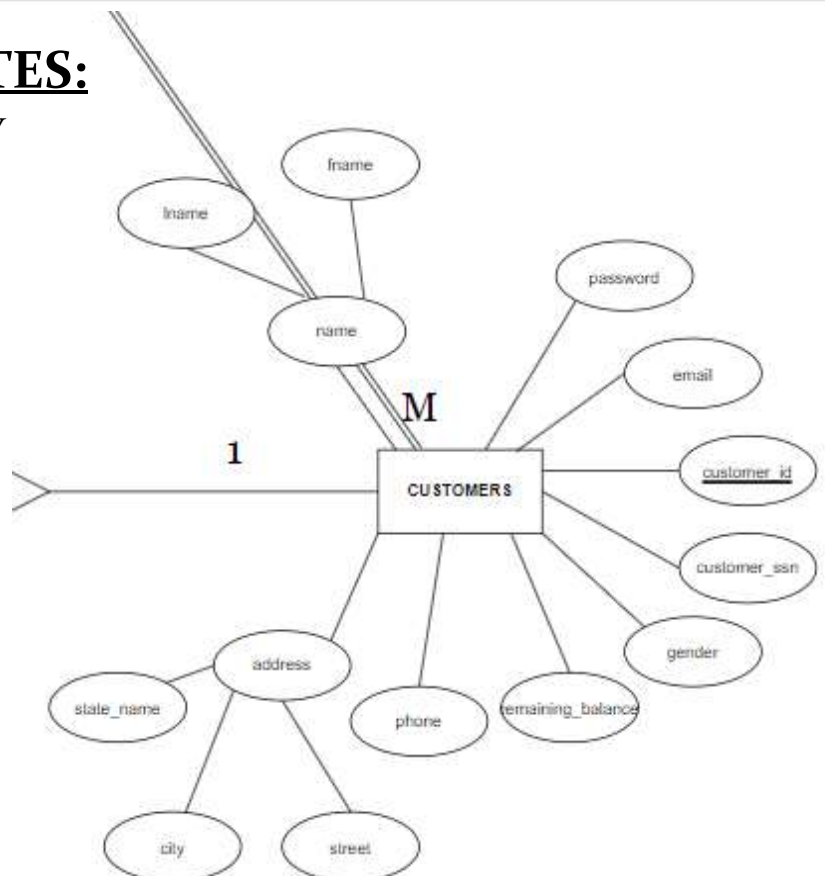
8-GENDER

9-REMAINING\_BALANCE

10-STREET

11-CITY

12-STATE\_NAME



## 5-OFFICES

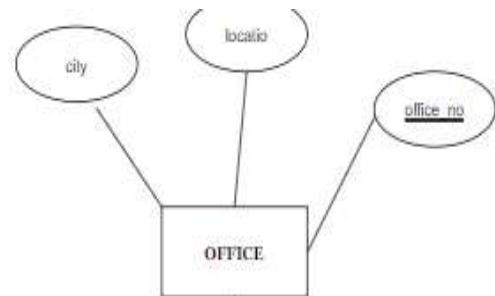
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 office_no	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/>	2 location	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 city	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More

## WITH 3 ATTRIBUTES:

1-OFFICE\_NO:PRIMARY KEY

2-LOCATION

3-CITY



## 6-LOCATION:

+ Options

			location
<input type="checkbox"/>	Edit	Copy	Delete Egypt
<input type="checkbox"/>	Edit	Copy	Delete UnitedStates

## WITH 1 ATTRIBUTES:

1-LOCATION: PRIMARY KEY



## 7-RESERVATION:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	reservation_no	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	pickup_time	date			No	None			Change  Drop  More
<input type="checkbox"/> 3	drop_time	date			No	None			Change  Drop  More
<input type="checkbox"/> 4	reservation_time	date			Yes	curdate()			Change  Drop  More
<input type="checkbox"/> 5	pickup_loc	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	drop_loc	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	payment_date	date			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 8	amount	decimal(15,2)			No	None			Change  Drop  More
<input type="checkbox"/> 9	paid	char(1)	utf8mb4_general_ci		No	F			Change  Drop  More
<input type="checkbox"/> 10	customer_id	int(11)			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 11	car_plateid	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More

## WITH 10 ATTRIBUTES:

1-RESERVATION\_NUMBER:PRIMARY KEY

2-PICKUP\_TIME: PRIMARY KEY

3-DROP\_TIME: PRIMARY KEY

4-RESERVATION\_TIME

5-PICKUP\_LOC

6-DROP\_LOC

7-AMOUNT

8-PAID

9-CUSTOMER\_ID: FORGEIN KEY REFERES TO CUSTOMERS  
(CUSTOMER\_ID)

10\_CAR\_PLATEID: FORGEIN KEY REFERES TO CARS  
(CAR\_PLATEID).

- **THIRD :DESCRIPTION OF OUR WEBSITE:**

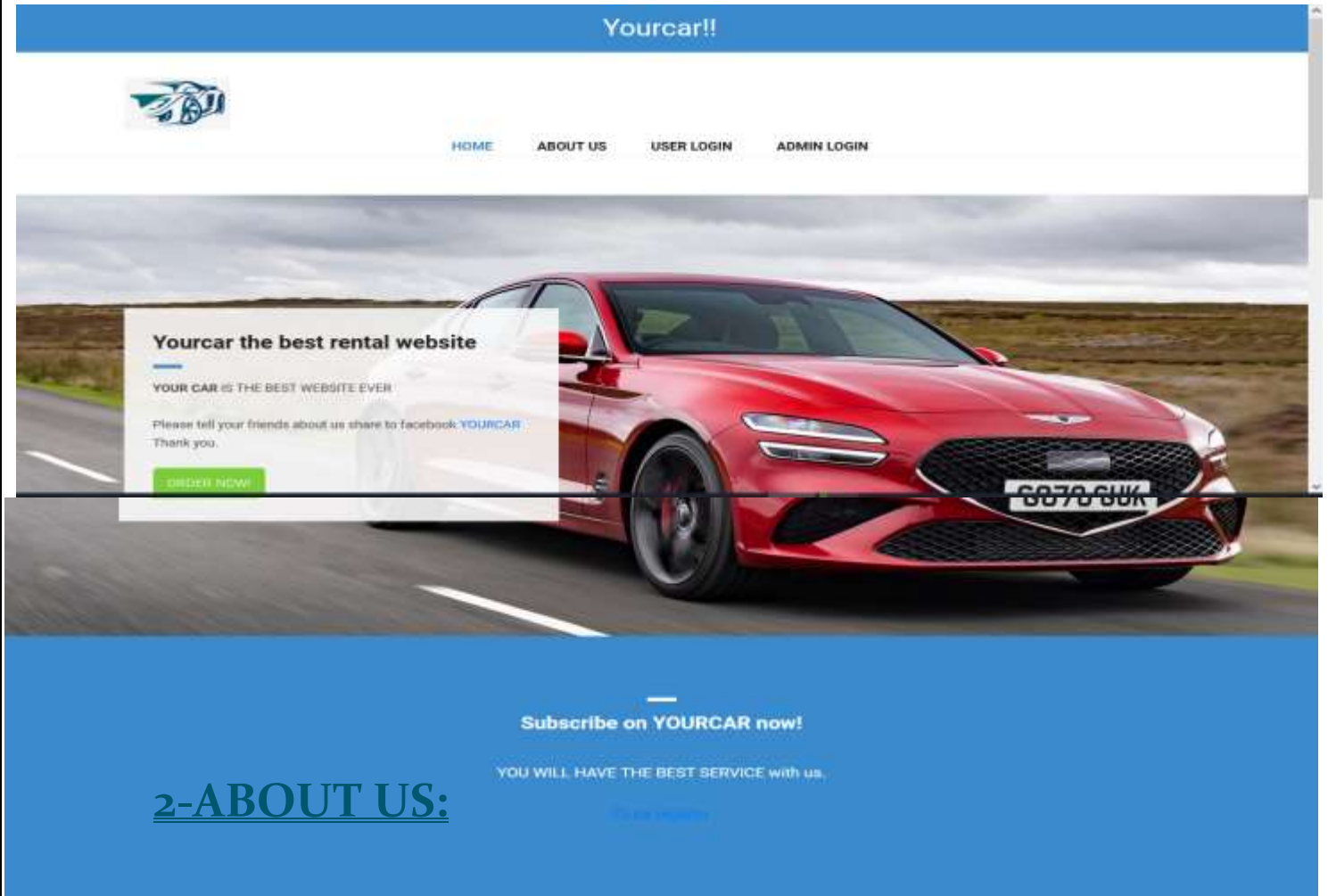
**WE HAVE:**

**1-USER SIDE:**

**2-ADMIN SIDE:**

## 1-HOME PAGE:

WE HAVE A NAVIGATION BAR TO CHOOSE TO LOGIN AS A USER OR AS AN ADMIN OR TO KNOW MORE ABOUT THE COMPANY FROM ABOUT US:



## 2-ABOUT US:

About Us



YOUR CAR THE BEST CAR RENTAL COMPANY

to be filled soon ...)

Thank you.

Find us on:



### 3-USER LOGIN:

TO CREATE AN ACCOUNT AND MAKE AN ORDER:

Yourcar!!



[HOME](#)

[ABOUT US](#)

[USER LOGIN](#)

[ADMIN LOGIN](#)

Find You Dream Cars For Hire

Range Rovers - Mercedes Benz - Landcruisers

#### User Login Area

Email

Enter Email

Address:

Password:

Enter Password

Login

Subscribe on YOURCAR now!

YOU WILL HAVE THE BEST SERVICE with us.

[Click register](#)

### 4-ADMIN LOGIN:

## TO GO TO THE ADMIN SIDE

Yourcar!!



[HOME](#)

[ABOUT US](#)

[USER LOGIN](#)

[ADMIN LOGIN](#)

### Find You Dream Cars For Hire

Range Rovers - Mercedes Benz - Landcruisers

**Admin Login Area**

Email

Enter Email

Address;

Password:

Enter Password

Login

**Subscribe on YOURCAR now!**

YOU WILL HAVE THE BEST SERVICE with us.

[Click Here](#)



# 1-USER SIDE:

WE CAN FOIND IN THE NAVIGATION BAR OF THE USER THE

## 1-PRODUCTS TAB :

HERE YOU CAN

- MAKE AN **ADVANCED SEACH** FOR ALL FEATURES OF THE CAR YOU WANT TO RENT:
  - COLOR,CAPACITY OF THE CAR
  - MODEL OF THE CAR .
  - LOCATION: N.B:YOU CAN RENT TOUR CAR **FROM ANYWHERE IN THE WORLD.**
  - HIRE COST.
  - MILEAGE.
- SORT THE CARS WITH:
  - CAPACITY.
  - LOW PRICE.
  - HIGH PRICE.



HOME

ABOUT US

PRODUCTS

REMAINING BALANCE

LOGOUT

## Featured Items

Color	color ▾
Capacity	capacity ▾
Model	model ▾
Location	location ▾
hire cost	cost per day ▾
mileage	mileage ▾

Search

ALL  
PRODUCTS

CAPACITY

LOW  
PRICE

HIGH  
PRICE

## LISTING CARS:



pound.50.00

Car Make>Mercedes Benz

Car Model: Mercedes Benz



pound.70.00

Car Make>Harrier

Car Model: Harrier



pound.70.00

Car Make>Harrier

Car Model: Harrier



## EXAMPLE:

### 1-SEARCHING FOR HARRIER CARS:

CHOOSE HARRIER THE CLICK SEARCH:

Color	<input type="text" value="color"/>
Capacity	<input type="text" value="capacity"/>
Model	<input type="text" value="Harrier"/>
Location	<input type="text" value="location"/>
hire cost	<input type="text" value="cost per day"/>
mileage	<input type="text" value="mileage"/>

Search

ALL  
PRODUCTS

CAPACITY

LOW  
PRICE

HIGH  
PRICE

## HARRIER CARS:



pound.70.00

Car Make>Harrier

Car Name/Model: green



pound.70.00

Car Make>Harrier

Car Name/Model: green

## 2-SORTING FROM LOW PRICE



pound.50.00

Car Make>Mercedes Benz

Car Name/Model: white



pound.50.00

Car Make>Mercedes Benz

Car Name/Model: white



pound.60.00

Car Make>Range Rover

Car Name/Model: red



pound.60.00

Car Make>Range Rover

Car Name/Model: red



pound.70.00

Car Make>Harrier

Car Name/Model: green

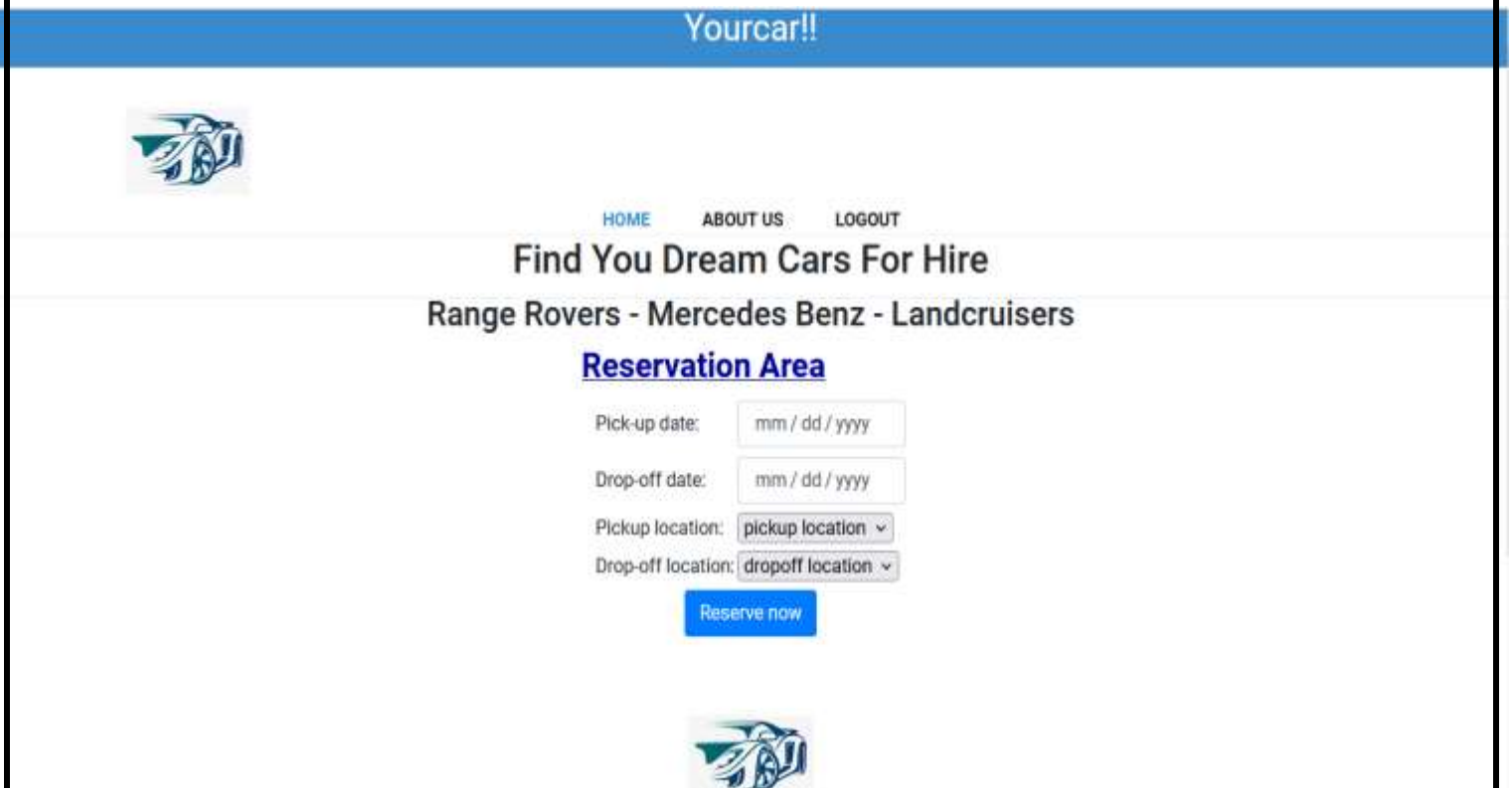


pound.70.00

Car Make>Harrier

Car Name/Model: green

After choosing the car you will go to the **reservation page:**

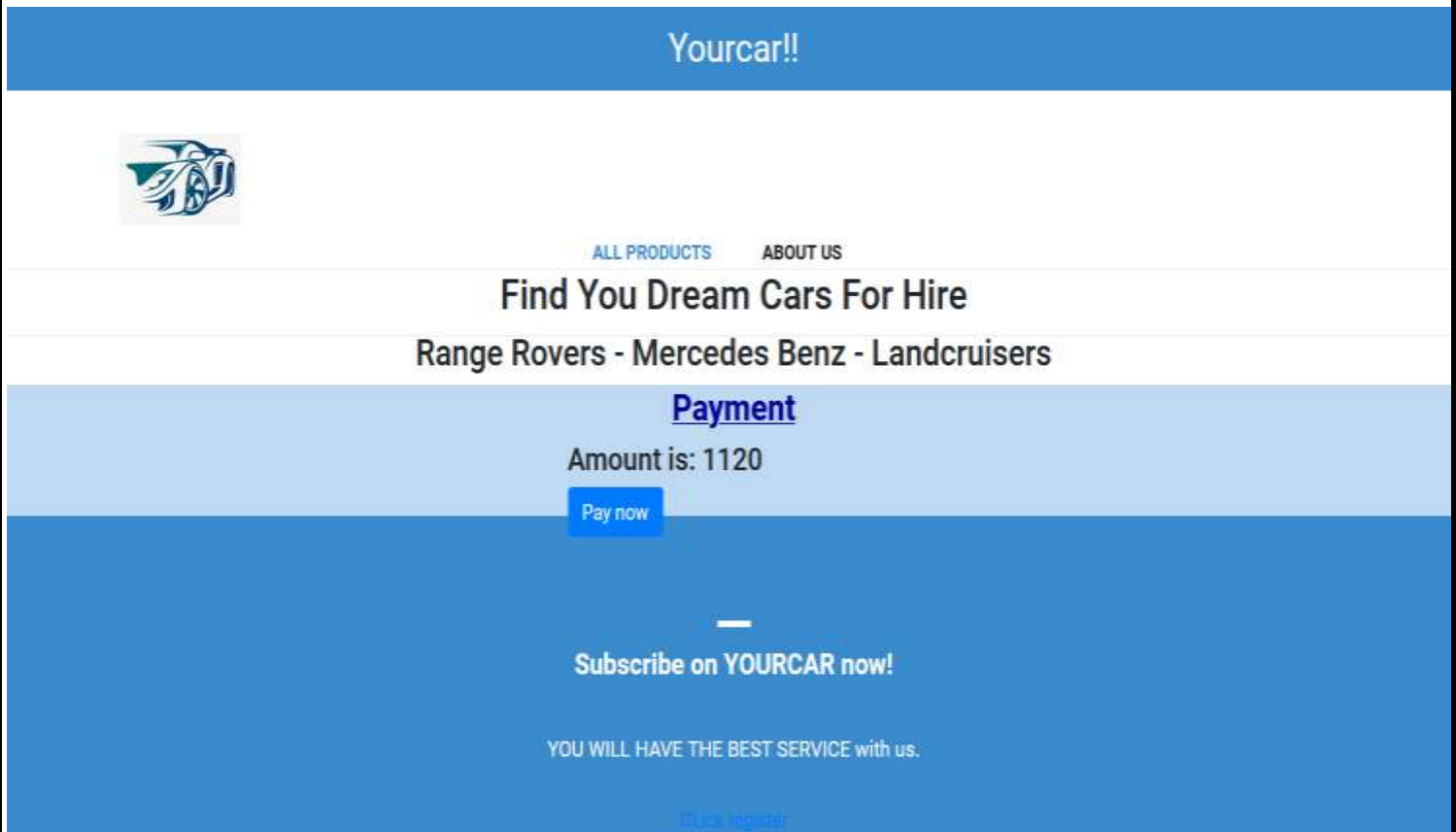


The screenshot shows the 'Yourcar!!' website's reservation interface. At the top is a blue header with the text 'Yourcar!!'. Below this is a navigation bar with links for 'HOME', 'ABOUT US', and 'LOGOUT'. The main heading is 'Find You Dream Cars For Hire', followed by the text 'Range Rovers - Mercedes Benz - Landcruisers'. A section titled 'Reservation Area' contains four input fields: 'Pick-up date:' with a placeholder 'mm / dd / yyyy', 'Drop-off date:' with a placeholder 'mm / dd / yyyy', 'Pickup location:' with a dropdown menu showing 'pickup location', and 'Drop-off location:' with a dropdown menu showing 'dropoff location'. A blue 'Reserve now' button is positioned below these fields. A small car icon is visible in the top left corner of the page content area.

You will enter the desired:

- pickup & drop off date
- pickup location from any where in the world
- drop off location in the world

Then you will be sent to the page of payments:  
you will find your total amount to be paid:



then you we can find that our reservation  
have been successfully saved in the database:  
N.B you can choose to pay now or later.

+ Options

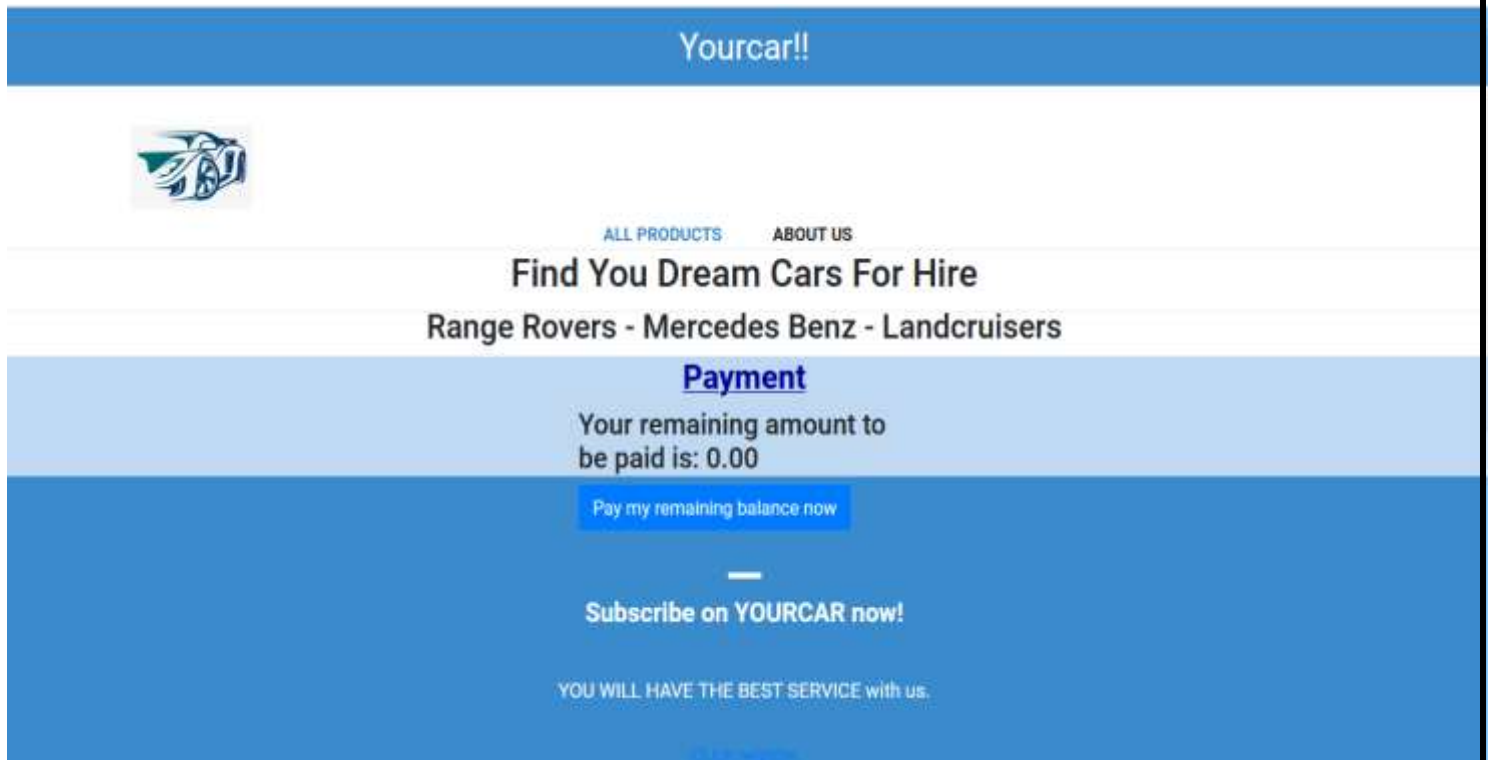
	reservation_no	pickup_time	drop_time	reservation_time	pickup_loc	drop_loc	amount paid	customer_id	car_plateid
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	2022-01-10	2022-01-26	2022-01-09	Alex	Alex	1120.00 T	1	1234

☐ Check all With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all Number of rows: 25 Filter rows: Search this table



Then you you can go to the **remaining balance** tab if you have already paid you find that your remaining amount zero.



When **logging out** you will return to the home page.

## 2-Admin side

It's the dashboard of the admin he can find

### **Reports for:**

- 1-All cars in the system :
- 2-All customers.
- 3-All reservations.
- 4-All offices.

# 1-Car reports:

We can see the reports of all cars in the system with all features:

Our Vehicles								Management
<input type="checkbox"/>	Car Model	Car plateid	Hire Price	Car color	capacity	car mileage	Status	Content Control
<input type="checkbox"/>	Mercedes Benz	1230	50.00 \$per day	white	5	20000	Available	
<input type="checkbox"/>	Hatari	1232	70.00 \$per day	green	7	20000	Available	
<input type="checkbox"/>	Hatari	1234	70.00 \$per day	green	7	20000	Available	
<input type="checkbox"/>	Mercedes Benz	1237	50.00 \$per day	white	5	20000	Available	
<input type="checkbox"/>	Range Rover	5673	60.00 \$per day	red	6	30000	Available	
<input type="checkbox"/>	LandCruiser VII	5674	80.00 \$per day	pink	6	30000	Available	
<input type="checkbox"/>	LandCruiser VII	5677	80.00 \$per day	pink	8	30000	Available	
<input type="checkbox"/>	Range Rover	5679	60.00 \$per day	red	6	30000	Available	

Showing 1-12 of 44

Previous 1 2 3 4 245 ... Next View all

Print Here

**Management**

Add new CARS

SEARCH FOR CAR:

date for status: mm / dd / yyyy

car plate id: car plate id

Color: color

We can find the advanced search at the right:

- The admin can search by :
- Color
- Capacity
- Model
- Location
- Hire cost
- mileage

## Example: searching white cars:

The screenshot shows the 'yourcar' dashboard with a blue header. The header includes the logo 'yourcar' and a welcome message 'Welcome Administrator' with links for 'help', 'profile', 'settings', and 'log out'. Below the header is a navigation bar with tabs: 'Dashboard', 'Cars Management', 'Customers Management', 'Reservations Management', and 'Offices Management'. The 'Dashboard' tab is active, showing a breadcrumb 'Dashboard > search result:'. The main content area is divided into two sections. The left section, titled 'Our Vehicles', contains a table with columns: 'Car Model', 'Car plateid', 'Hire Price', 'Car color', 'car year', 'capacity', 'Status', and 'Content Control'. The table lists two cars: 'Mercedes Benz' with plateid '1230' and 'Mercedes Benz' with plateid '1237'. Both cars are white, 2000, 5 capacity, and available for 20000. The right section, titled 'Management', contains a button 'Add new CARS' and a search bar 'SEARCH FOR CAR'. At the bottom of the table, there is a pagination bar showing 'Showing 1-12 of 44' and buttons for 'Previous', '1', '2', '3', '4', '245', 'Next', and 'View all'. A 'Print Here' button is also present.

Car Model	Car plateid	Hire Price	Car color	car year	capacity	Status	Content Control
Mercedes Benz	1230	50.00 \$per day	white	2000	5	Available	20000
Mercedes Benz	1237	50.00 \$per day	white	2000	5	Available	20000

**2-Adding car:**The admin can add car to the database with all its details and the car will be saved in the database.

PLEASE FILL THE FORM WITH DETAILS

The screenshot shows a form for adding a new car. On the left is a placeholder image of a red car. The form fields are: 'Car model', 'Car id', 'Car color', 'year', 'mileage', 'Cost/day', 'capacity(seats)', 'location' (a dropdown menu), 'Current Images CAR Image (Required Field)', and a 'Browse...' button. A 'SUBMIT' button is at the bottom.

Car model: Car id: Car color: year: mileage: Cost/day: capacity(seats): location: Current Images CAR Image (Required Field) Browse: No file selected. SUBMIT

### **3-Edit car:**

the admin can edit all or one of the features of a car.

The screenshot displays the 'yourcar' web application interface. At the top, a blue header bar contains the 'yourcar' logo on the left and user navigation links ('Welcome Administrator', 'Help', 'Profile Settings', 'Log out') on the right. Below the header, a row of yellow navigation buttons includes 'Dashboard', 'Car Management', 'Customers Management', 'Reservations Management', and 'Office Management'. The main content area shows a breadcrumb trail 'Dashboard > Edit Car' and a form titled 'Edit your Car'. This form is divided into two columns. The left column contains four input fields: 'Car new Hire Price' (with a 'max 20 symbols' hint and an 'update' button), 'New Car Capacity' (with an 'In Terms of Passenger Seats' hint and an 'update' button), 'Car status' (a dropdown menu with 'status' selected and an 'update' button), and 'Car mileage' (with an 'update' button). The right column, titled 'Management', features a 'View Our Vehicles' button, a 'select all' checkbox, and a 'Delete selected' link. At the bottom of the form, there is an 'update all' button.

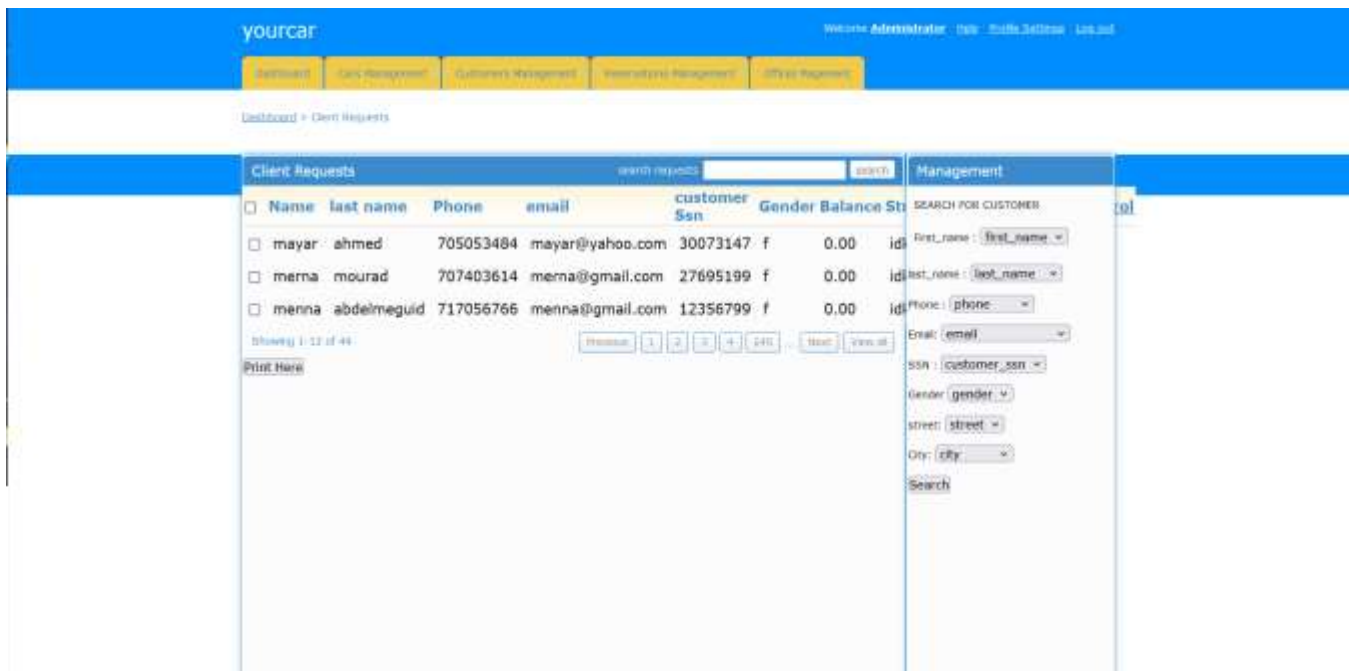
### **4- Delete care:**

The admin can delete any car he wants from the system.



## 2-Customers reports:

We can see the reports of all cars in the system with all features:



- We can find the advanced search at the right:
- The admin can search by :
- First name
- Last name
- phone
- email
- ssn
- gender
- street
- city

### 3-Reservation reports:

We can see the reports of all cars in the system with all features:

yourcar

Website Administrator | 1588 | Profile Settings | Logout

Dashboard | Cars Management | Customers Management | Reservations Management | Offices Management

Dashboard > Client Inquiries

Res.no	Car plate	Customer id	amount	Paid	pickup loc	drop loc	pickup time	drop time	Control
Showing 1-12 of 14									

Print Here

Management

SEARCH FOR Reservation

reservation number : reservation

reservation time : reservation

amount : Amount

customer id : customer\_id

car\_plateid : car\_plateid

pick-up location : pickup\_up

drop\_loc : drop\_loc

Pick-up date : dd/mm/yyyy

Drop-off date : dd/mm/yyyy

Search

- We can find the advanced search at the right:
- The admin can search by :
- Reservation number
- Reservation time
- amount
- customer id
- car plateid
- pickup location
- drop location
- reservations between the pickup date and drop off date

## 4-offices reports:

We can see the reports of all offices in the system with all features:



- We can find the advanced search at the right:
- The admin can search by :
- Location
- city