

# YOUR CAR

## CAR RENTAL SYSTEM

### NAMES:

MAYAR AHMED

MERNA MOURAD

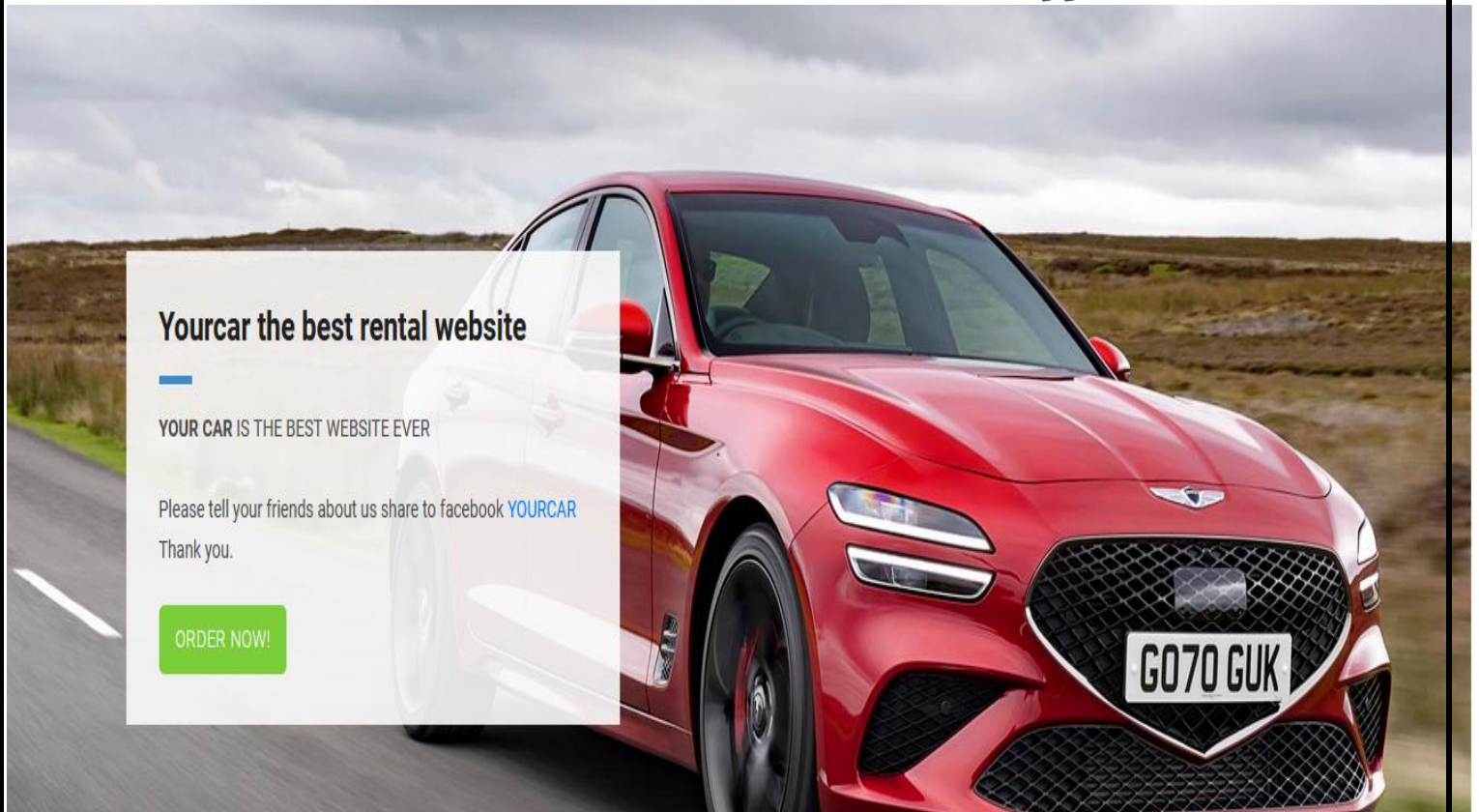
MENNA ABDELMEGUID

### ID:

6055

6377

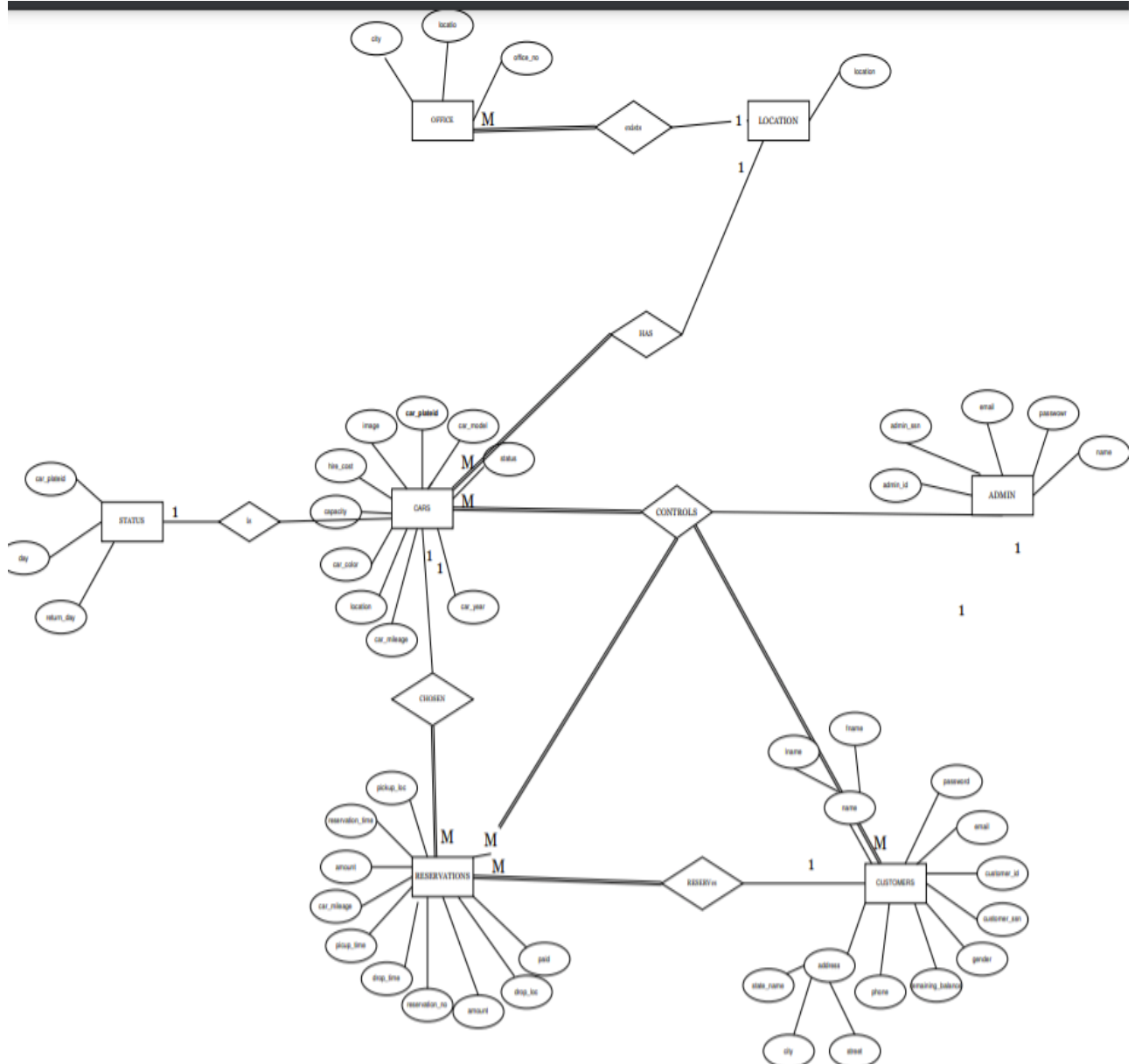
6538



# **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 shows the phpMyAdmin interface. The left sidebar displays a tree view of databases, with 'car\_rental\_system' selected. The main panel shows the 'Structure' tab for the 'car\_rental\_system' database. A 'Filters' section is visible with a search box. Below it, a table lists the database's tables and their properties.

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	-
<b>5 tables</b>	<b>Sum</b>	<b>16</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>176.0 KiB</b>	<b>0 B</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

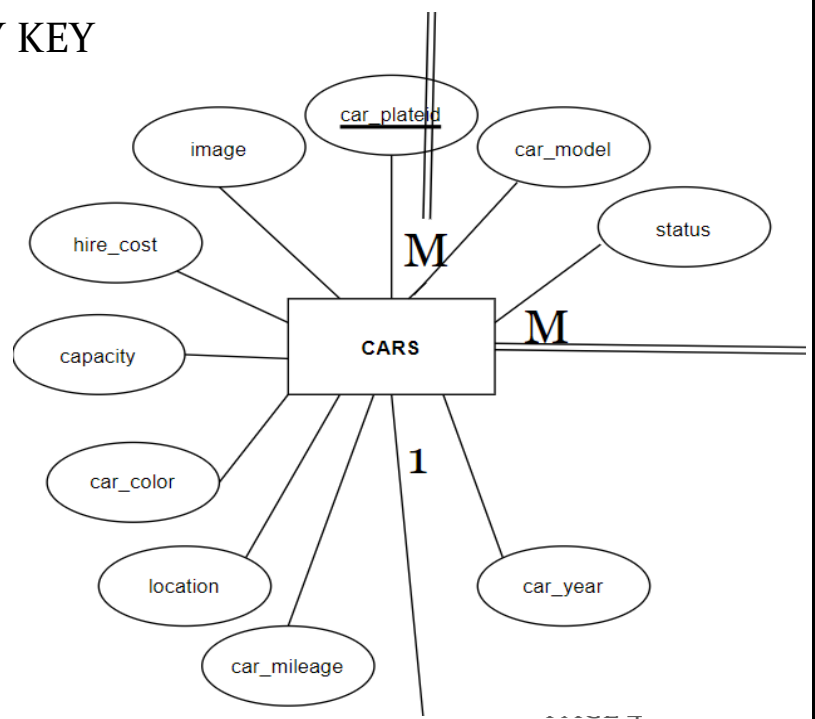
6-CAR\_MILEAGE

7-HIRE\_COST

8-CAPACITY

9-STATUS

10-LOCATION



### 3-STATUS:

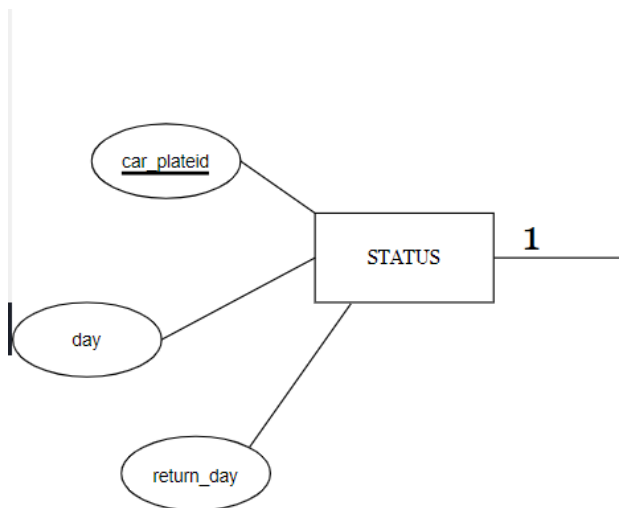
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	return_day	date			Yes	NULL			Change  Drop  More
<input type="checkbox"/> 2	day	date			No	None			Change  Drop  More
<input type="checkbox"/> 3	car_plateid	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  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	<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	2	password	varchar(255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	3	fname	varchar(255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	4	lname	varchar(255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	5	email	varchar(255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	6	customer_ssn	char(9)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	7	phone	int(20)		No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	8	gender	char(1)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	9	remaining_balance	decimal(15,2)		No	0.00		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	10	street	varchar(255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	11	city	varchar(2255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>
<input type="checkbox"/>	12	state_name	varchar(255)	utf8mb4_general_ci	No	None		<a href="#">Change</a>	<a href="#">Drop</a>	<a href="#">More</a>

## WITH 12 ATTRIBUTES:

1-CUSTOMER: PRMARY KEY

2-PASSWORD

3-FIRST\_NAME

4-LAST\_NAME

5-EMAIL

6-CUSTOMER\_SSN

7-PHONE

8-GENDER

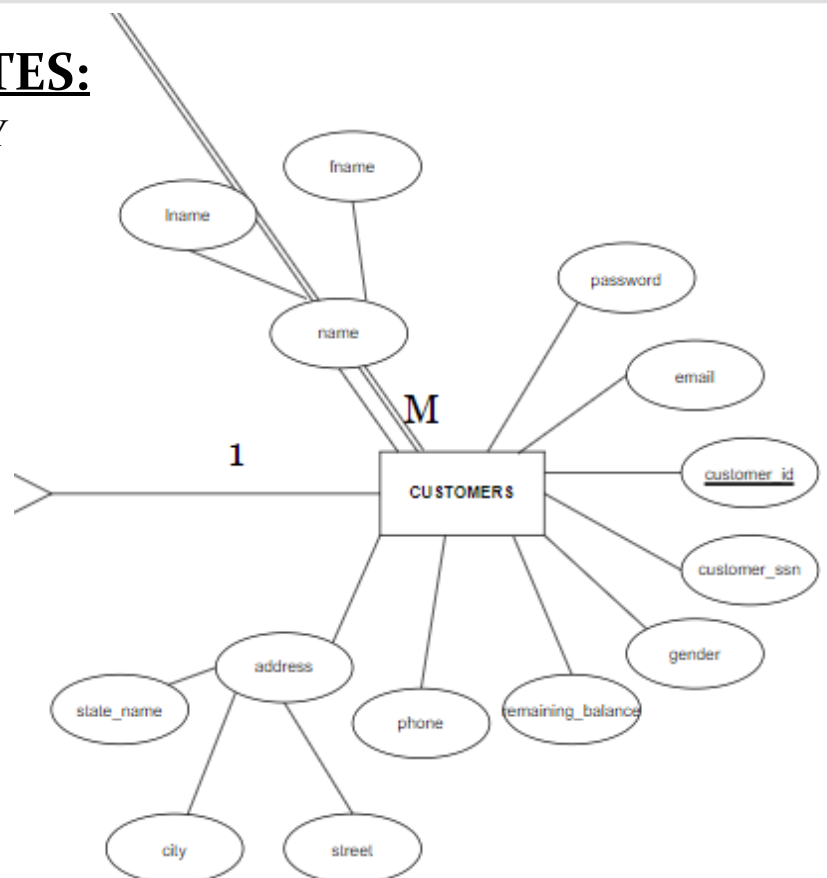
9-REMAINING\_BALANCE

10-STREET

11-CITY

12-STATE\_NAME

## OFFICE:



## 5-OFFICES

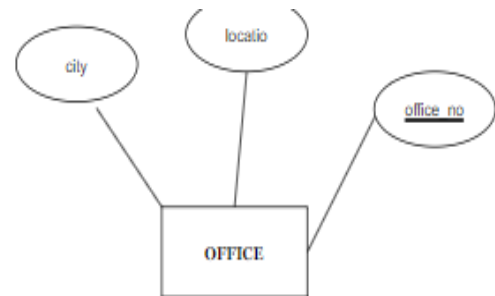
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 office_no	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/>	2 location	varchar(255)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 city	varchar(255)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

Yourcar!!



[HOME](#)

[ABOUT US](#)

[USER LOGIN](#)

[ADMIN LOGIN](#)

### Yourcar the best rental website

YOUR CAR IS THE BEST WEBSITE EVER

Please tell your friends about us share to facebook [YOURCAR](#)  
Thank you.

[ORDER NOW!](#)

**Subscribe on YOURCAR now!**

YOU WILL HAVE THE BEST SERVICE with us.

[Click register](#)

## 2-ABOUT US:

### About Us



YOUR CAR THE BEST CAR RENTAL COMPANY

to be filled soon ...);

. Thank you.

Find us on: [f](#) [in](#) [v](#)

### 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!

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[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 register](#)

## **1-USER SIDE:**

**WE CAN FOIND IN THE NAVIGATION BAR OF THE USER THE**

**1-PRODUCTS TAB :**

## HERE YOU CAN

- MAKE AN **ADVANCED SEARCH** 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	<input type="text" value="color"/>
Capacity	<input type="text" value="capacity"/>
Model	<input type="text" value="model"/>
Location	<input type="text" value="location"/>
hire cost	<input type="text" value="cost per day"/>
mileage	<input type="text" value="mileage"/>
<input type="button" value="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

color ▾

Capacity

capacity ▾

Model

Harrier ▾

Location

location ▾

hire cost

cost per day ▾

mileage

mileage ▾

Search

ALL  
PRODUCTS

CAPACITY

LOW  
PRICE

HIGH  
PRICE



## HARRIER CARS:



**Car Make>Harrier**

Car Name/Model: green



**Car Make>Harrier**

Car Name/Model: green

## 2-SORTING FROM LOW PRICE



**Car Make>Mercedes Benz**

Car Name/Model: white



**Car Make>Mercedes Benz**

Car Name/Model: white



**Car Make>Range Rover**

Car Name/Model: red



**Car Make>Range Rover**

Car Name/Model: red



**Car Make>Harrier**

Car Name/Model: green



**Car Make>Harrier**

Car Name/Model: green



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

Yourcar!!



[HOME](#)

[ABOUT US](#)

[LOGOUT](#)

## Find You Dream Cars For Hire

Range Rovers - Mercedes Benz - Landcruisers

### Reservation Area

Pick-up date:

Drop-off date:

Pickup location:

Drop-off location:

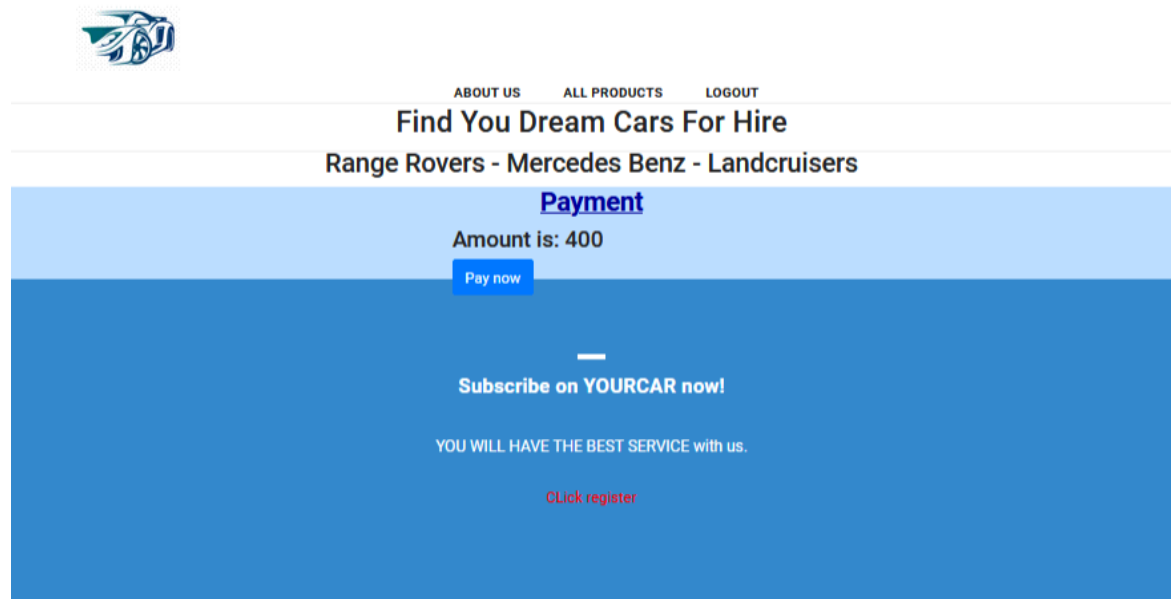
Reserve now



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	payment_date	amount	paid	customer_id	car_plateid			
<input type="checkbox"/>	Edit	Copy	Delete	1	2022-01-19	2022-01-27	2022-01-10	Alex	Aswan	NULL	400.00	F	1	1230

 ☐ Check all With selected:  Edit  Copy  Delete  Export

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

Yourcar!!



[ALL PRODUCTS](#)

[ABOUT US](#)

Find You Dream Cars For Hire

Range Rovers - Mercedes Benz - Landcruisers

[Payment](#)

Your remaining amount to  
be paid is: 0.00

[Pay my remaining balance now](#)

Subscribe on YOURCAR now!

YOU WILL HAVE THE BEST SERVICE with us.

[Click register](#)

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:

yourcar Welcome Administrator Help Profile Settings Log out

Dashboard Cars Management Customers Management Reservations Management Offices Management

Dashboard > Cars Management

Car Model	Car plateid	Hire Price	Car color	capacity	car mileage	Status	Content Control
Mercedes Benz	1230	50.00 \$per day	white	5	20000	Available	Edit
Harrier	1232	70.00 \$per day	green	7	20000	Available	Edit
Harrier	1234	70.00 \$per day	green	7	20000	Available	Edit
Mercedes Benz	1237	50.00 \$per day	white	5	20000	Available	Edit
Range Rover	5673	60.00 \$per day	red	6	30000	Available	Edit
LandCruiser VS	5674	80.00 \$per day	pink	6	30000	Available	Edit
LandCruiser VS	5677	80.00 \$per day	pink	8	30000	Available	Edit
Range Rover	5679	60.00 \$per day	red	6	30000	Available	Edit

Showing 1-12 of 44 Previous 1 2 3 4 345 ... 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

Capacity capacity

Model model

Location location

Hire cost cost per day

mileage mileage

Search

We can find the advanced search at the right:

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

## Example: searching by status of cars:

yourcar

Welcome Administrator Help Profile Settings Log out

DashboardCars ManagementCustomers ManagementReservations ManagementOffices Magement

Dashboard > search result

Our Vehicles

<input type="checkbox"/>	Car Model	Car plateid	Hire Price	Car color	car year	capacity	Status	Content Control
<input type="checkbox"/>	Harrier	1232	70.00 \$per day	green	2002	7	Available	20000

Showing 1-12 of 44

Print Here

Management

Add new CARS

SEARCH FOR CAR

on 2022-01-10 where car plate id = 1232 status is Out of Service

## Example: searching white cars:

yourcar

Welcome Administrator Help Profile Settings Log out

DashboardCars ManagementCustomers ManagementReservations ManagementOffices Magement

Dashboard > search result

Our Vehicles

white

<input type="checkbox"/>	Car Model	Car plateid	Hire Price	Car color	car year	capacity	Status	Content Control
<input type="checkbox"/>	Mercedes Benz	1230	50.00 \$per day	white	2000	5	Available	20000
<input type="checkbox"/>	Mercedes Benz	1237	50.00 \$per day	white	2000	5	Available	20000

Showing 1-12 of 44

Print Here

Management

Add new CARS

SEARCH FOR CAR

## 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



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.

yourcar

Welcome Administrator Help Profile Settings Log out

Dashboard Cars Management Customers Management Reservations Management Offices Magement

Dashboard > Edit Car

Edit your Car

Car new Hire Price

max 20 symbols

update

New Car Capacity

In Terms of Passenger Seats

update

Car status

status

update

Car mileage

update

update all

Management

View Our Vehicles

☐ select all

Delete Selected

## 2-Customers reports:

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

yourcar Welcome Administrator Help Profile Settings Log out

Dashboard Cars Management Customers Management Reservations Management Offices Magement

Dashboard > Client Requests

<input type="checkbox"/>	Name	last name	Phone	email	customer Ssn	Gender	Balance	Street	city	State	Cont
<input type="checkbox"/>	mayar	ahmed	705053484	mayar@yahoo.com	30073147	f	400.00	idk	alexandria	egypt	
<input type="checkbox"/>	merna	moured	707403614	merna@gmail.com	27695199	f	0.00	idk	cairo	egypt	
<input type="checkbox"/>	merna	abdelmeguid	717056766	merna@gmail.com	12356799	f	0.00	idk	cairo	egypt	

Showing 1-12 of 44

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

Print Here

Management

SEARCH FOR CUSTOMER

First\_name : first\_name

last\_name : last\_name

Phone : phone

Email : email

SSN : customer\_ssn

Gender : gender

street : street

City : city

Search

You 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:

The screenshot displays the 'yourcar' management interface. At the top, there is a navigation bar with the 'yourcar' logo and links for 'Welcome Administrator', 'Help', 'Profile Settings', and 'Log out'. Below this is a menu bar with buttons for 'Dashboard', 'Cars Management', 'Customers Management', 'Reservations Management', and 'Offices Magement'. The main content area shows a table of reservations with columns: 'Res nu', 'Car plate', 'Customer id', 'amount', 'Paid', 'pickup loc', 'Drop loc', 'pickup time', 'Drop time', 'Is paid', and 'payment date'. A sample row shows reservation 1 for car plate 1230, customer Alex, with an amount of 400.00, pickup on 2022-01-19, and drop on 2022-01-27. To the right of the table is a 'Management' sidebar containing an 'advanced search' section with various filters: pickup date, drop date, payments\_from, payments\_to, reservation number, reservation\_time, amount, customer id, car\_plateid, pick-up location, and drop\_loc, each with a dropdown menu. A 'Search' button is at the bottom of the sidebar.

- We can find the advanced search at the right:
- The admin can search by :
- Pickup date & drop date
- Payments within a specific period
- Reservation number
- Reservation time
- amount
- customer id
- car plateid
- pickup location
- drop location



- reservations between the pickup date and drop off date
- **Total amount of payment within a specific period:**

yourcar Welcome [Administrator](#) [Help](#) [Profile Settings](#) [Log out](#)

[Dashboard](#) [Cars Management](#) [Customers Management](#) [Reservations Management](#) [Offices Magement](#)

[Dashboard](#) > [Client Requests](#)

<input type="checkbox"/>	Res nu	Car plate	Customer id	amount	Paid	pickup loc	Drop loc	pickup time	Drop time	Is paid	payment date
<input type="checkbox"/>	1	1230	1	400.00	T	Alex	Aswan	2022-01-19	2022-01-27	T	2022-01-10

Showing 1-12 of 44 [Previous](#) [1](#) [2](#) [3](#) [4](#) [245](#) ... [Next](#) [View all](#)

[Print Here](#)

**Total amount**

<input type="checkbox"/>	Payment date	amount
<input type="checkbox"/>	2022-01-10	400.00

## **4-offices reports:**

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

yourcar Welcome [Administrator](#) [Help](#) [Profile Settings](#) [Log out](#)

[Dashboard](#) [Cars Management](#) [Customers Management](#) [Reservations Management](#) [Offices Magement](#)

[Dashboard](#) > [Cars Management](#)

**Our Vehicles**

<input type="checkbox"/>	Location	City	Content Control
<input type="checkbox"/>	Egypt	Alex	
<input type="checkbox"/>	Egypt	Aswan	
<input type="checkbox"/>	UnitedStates	NEW YORK	
<input type="checkbox"/>	UnitedStates	california	

Showing 1-12 of 44 [Previous](#) [1](#) [2](#) [3](#) [4](#) [245](#) ... [Next](#) [View all](#)

[Print Here](#)

**Management**

SEARCH FOR CAR

location

City:

- We can find the advanced search at the right:

- The admin can search by :
- Location
- city