

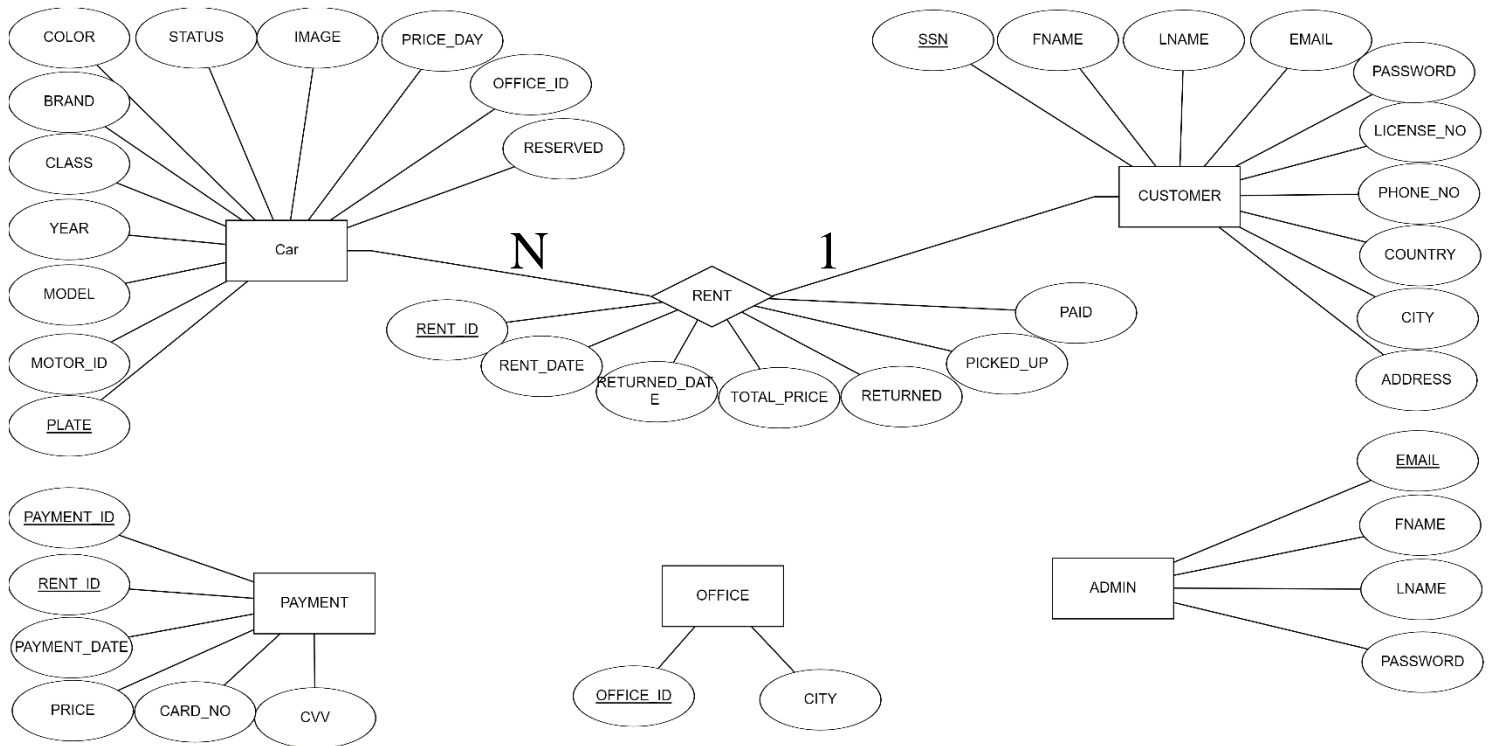
DATABASE SYSTEMS FINAL PROJECT

CAR RENTAL SYSTEM

Team members:

Name:	ID:	Group	Section
Adham Mostafa Abdulhamid	6715	4	1
Yahia Walid Mohamed	7137	3	1
Ahmed Ashraf Elsayed	6742	2	2
BahaaEldin Mohamed Gamal	6726	4	1

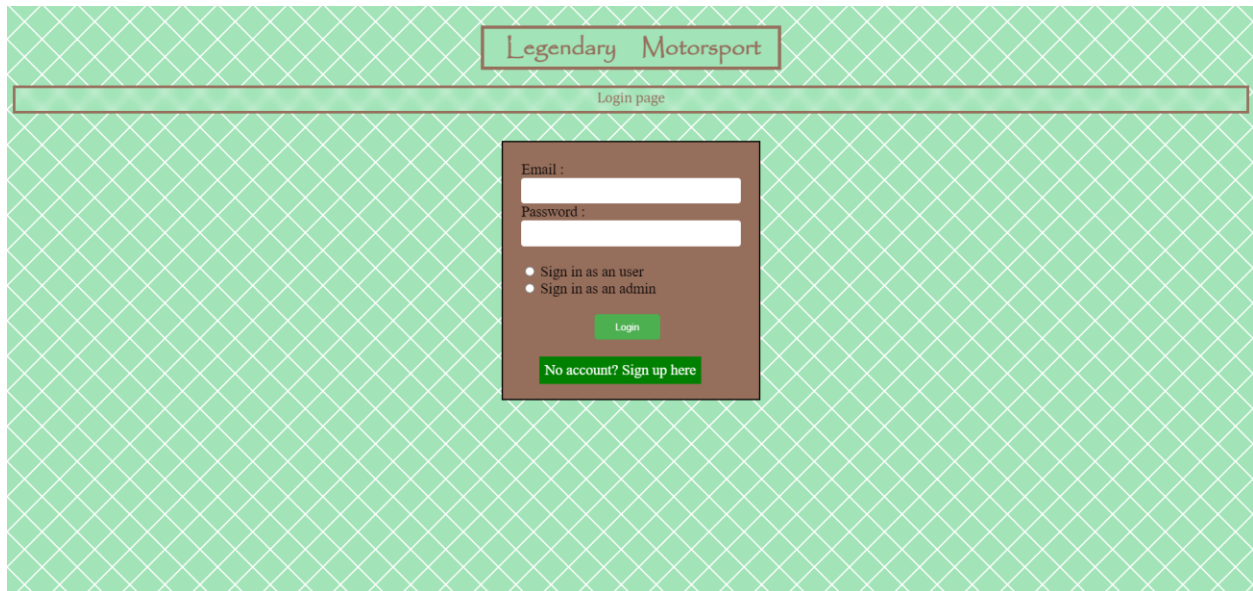
ER Diagram:



PHP pages:

I) user and admin authentication and authorization pages

1-login.php:

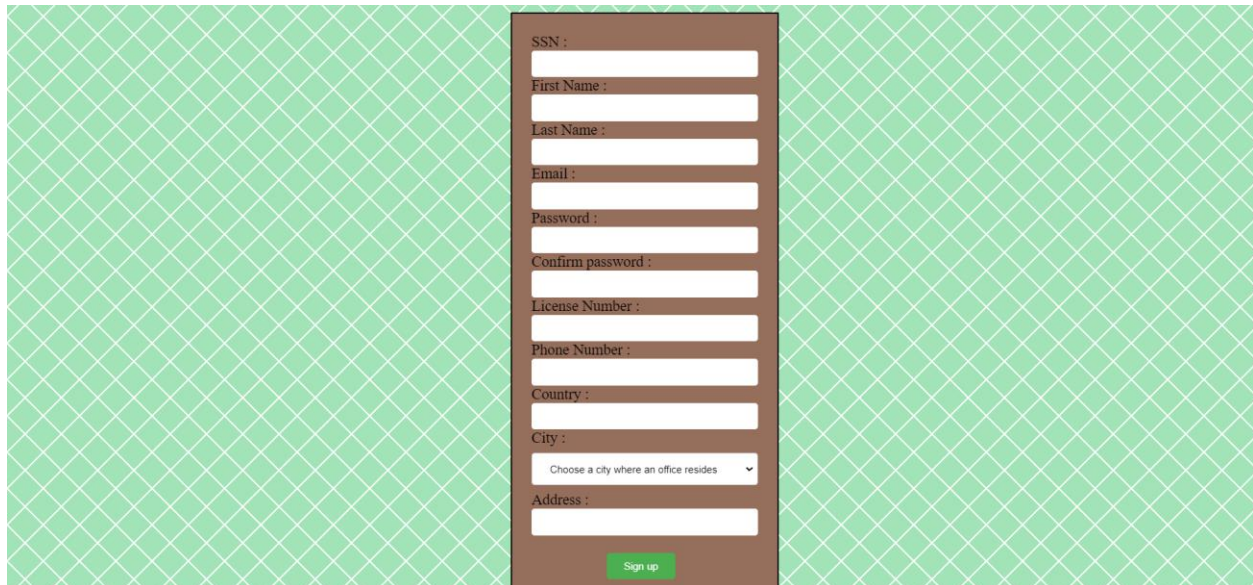


The screenshot shows a login page for 'Legendary Motorsport'. The page has a green background with a white diamond pattern. At the top center, there is a brown box with the text 'Legendary Motorsport'. Below this, a horizontal line separates the header from the main content. In the center, there is a brown box containing the login form. The form has two input fields: 'Email :' and 'Password :'. Below these fields, there are two radio buttons: 'Sign in as an user' and 'Sign in as an admin'. A green 'Login' button is positioned below the radio buttons. At the bottom of the form, there is a green button with the text 'No account? Sign up here'.

Used by both the user and admin to log in to the system.

Also can link to the signup.php page for new users.

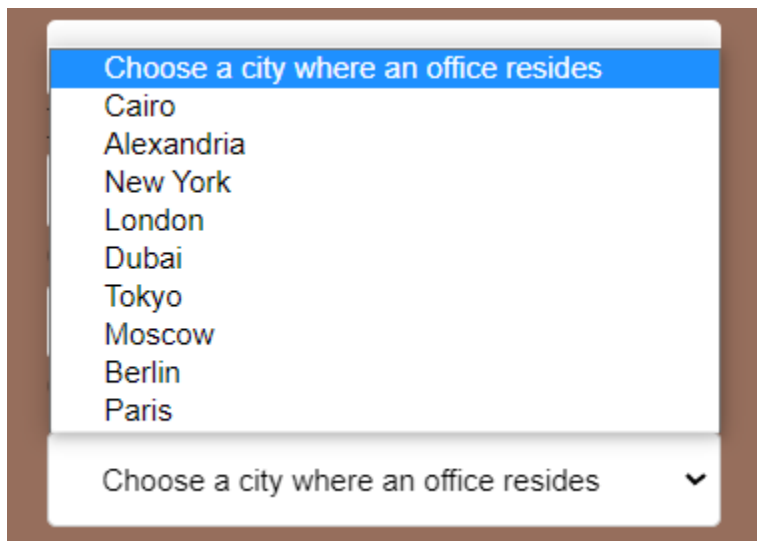
2-signup.php:

A screenshot of a web registration form titled '2-signup.php'. The form is set against a green background with a white diamond pattern. It contains several input fields: SSN, First Name, Last Name, Email, Password, Confirm password, License Number, Phone Number, Country, City (a dropdown menu), and Address. A green 'Sign up' button is located at the bottom right of the form.

Used only by users.

Used to register new accounts

The select city option is limited only to cities where the company operates:

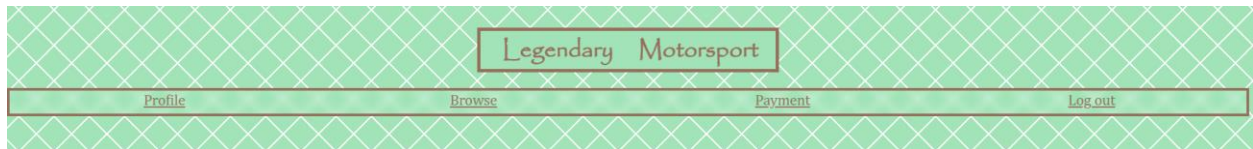
A screenshot of a dropdown menu for selecting a city. The menu is open, showing a list of cities: Cairo, Alexandria, New York, London, Dubai, Tokyo, Moscow, Berlin, and Paris. The dropdown is titled 'Choose a city where an office resides' and has a small downward arrow icon at the bottom right.

The list is dynamic as it retrieves the options from the database offices' data.

It has the option to simply travel to the login page.

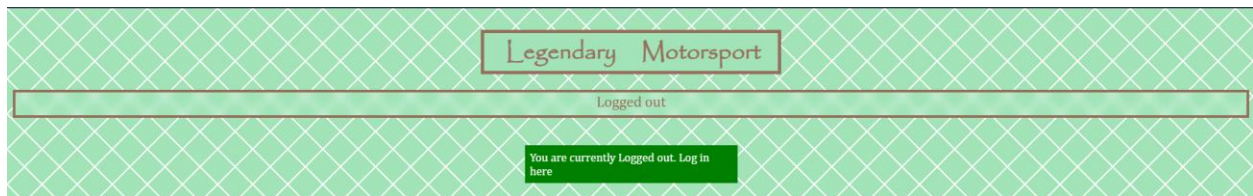
II) User Pages:

Most of user's pages have this panel to allow for easier navigation:



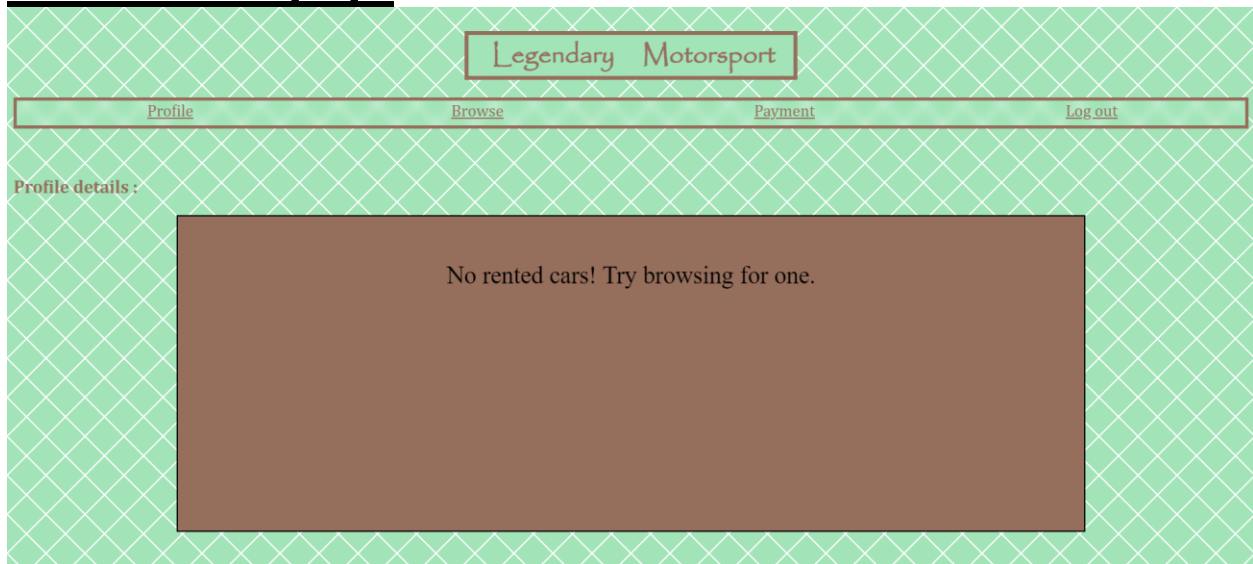
Logout is used to destroy the session.

If a user tries to write a page in the URL bar with no session active the user will be automatically booted to sessionless.php to give the user the ability to go to login page to start a session.

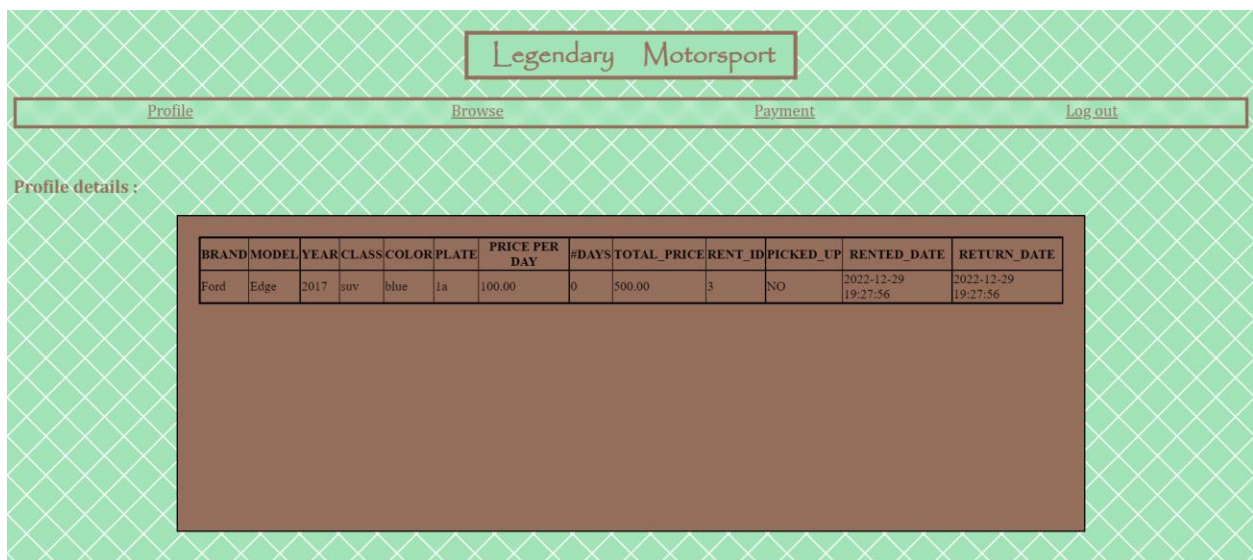


III) Profile Page:

1-userindex.php:



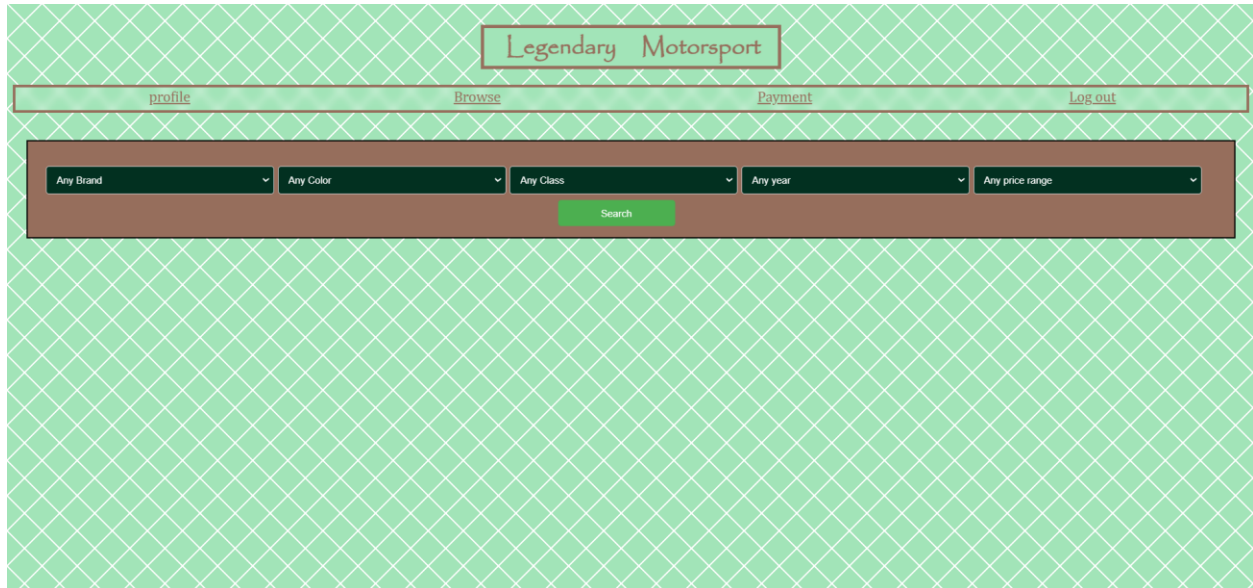
The profile page shows no available rented cars if the user does not have any rented cars.



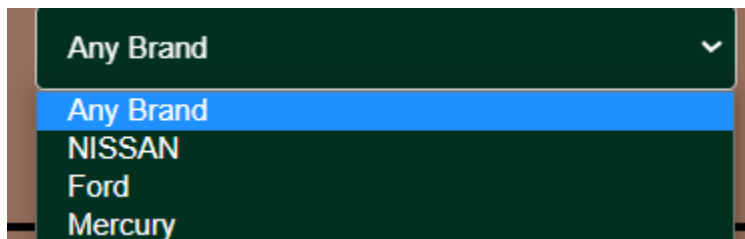
The following data is shown to users who have a rented car(s). The user can proceed to other pages from the above panel.

IV) Browse Section:

1-browse.php



All select options are limited to the properties of the cars in the cars table assuming they aren't even rented.



In case of no results:

Legendary Motorsport

[profile](#)[Browse](#)[Payment](#)[Log out](#)

Any Brand

Any Color

Any Class

Any year

Any price range

Search

No cars found
please Try another combination

In case of results:

Legendary Motorsport

[profile](#)[Browse](#)[Payment](#)[Log out](#)

Any Brand

Any Color


Any Class

Any year

Any price range


Search

Plate : 342022k
Motor id : dsf2022id
Model : Qashqai
Year : 2022
Class : SUV
Brand : NISSAN
Color : white
Price per day : 200.00



Rent this car

Plate : 43241
Motor id : sfd3sd
Model : Grand Marquis
Year : 2010
Class : Premium Sedan
Brand : Mercury
Color : red
Price per day : 100.00



Rent this car

If a one is chosen then the user is redirected to the rent.php?plateid=”chosen car id”

Legendary Motorsport

[profile](#) [Browse](#) [Payment](#) [Log out](#)

Plate : 43241
Motor id : sfd3sd
Model : Grand Marquis
Year : 2010
Class : Premium Sedan
Brand : Mercury
Color : red
Price per day : 100.00
starting from:
ending in:
[Confirm](#)

The user is alerted if the car was added to the rent table

V) Payment Section:

1-Payment.php

When the user has already reserved the car(s) they want, they can head to the payment section to check the details.

In case the user hasn't chosen any cars, the page will look like the following:

Legendary Motorsport

profile Browse Payment Log out

Please enter your payment info

CARD NUMBER:

CVC:

Confirm

Details

BRAND	MODEL	YEAR	CLASS	COLOR	PLATE	PRICE_DAY	#DAYS	TOTAL_PRICE
Total price to pay is 0								

And it will not accept any payment from the user if they choose to pay

localhost says

No cars reserved .Payment will not be processed

OK

In case the user has chosen any cars, the page will look like the following:

Legendary Motorsport

[profile](#)[Browse](#)[Payment](#)[Log out](#)

Please enter your payment info

CARD NUMBER:

CVC:

Confirm

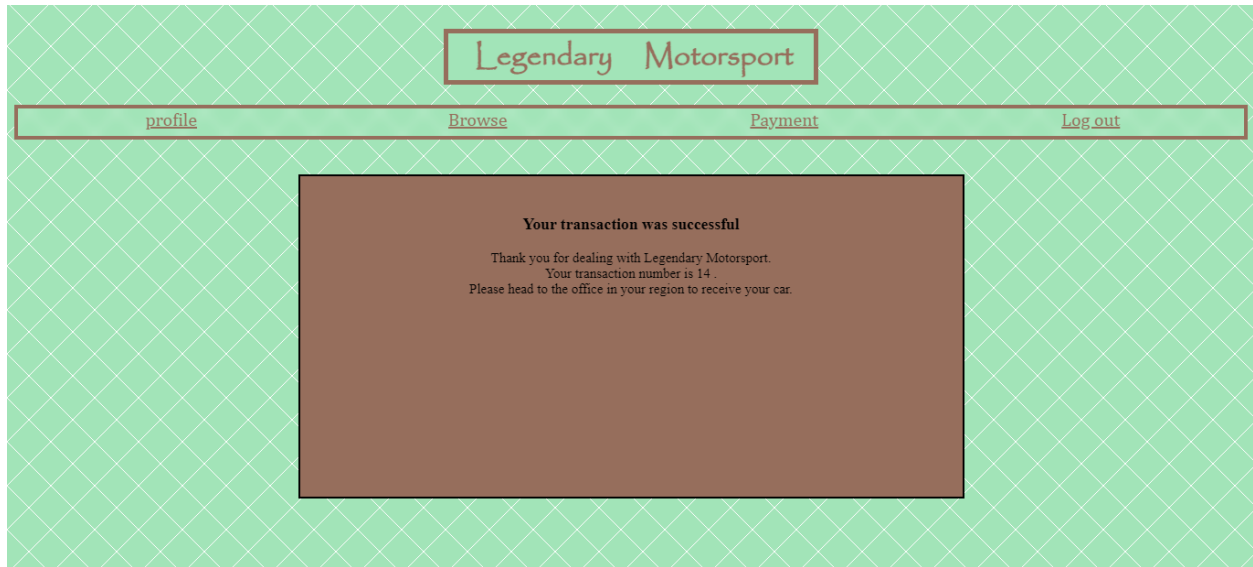
Details

BRAND	MODEL	YEAR	CLASS	COLOR	PLATE	PRICE_DAY	#DAYS	TOTAL_PRICE
NISSAN	Qashqai	2022	SUV	white	342022k	200.00	4	800.00
Mercury	Grand Marquis	2010	Premium Sedan	red	43241	100.00	11	1100.00

Total price to pay is 1900

2-postpayment.php

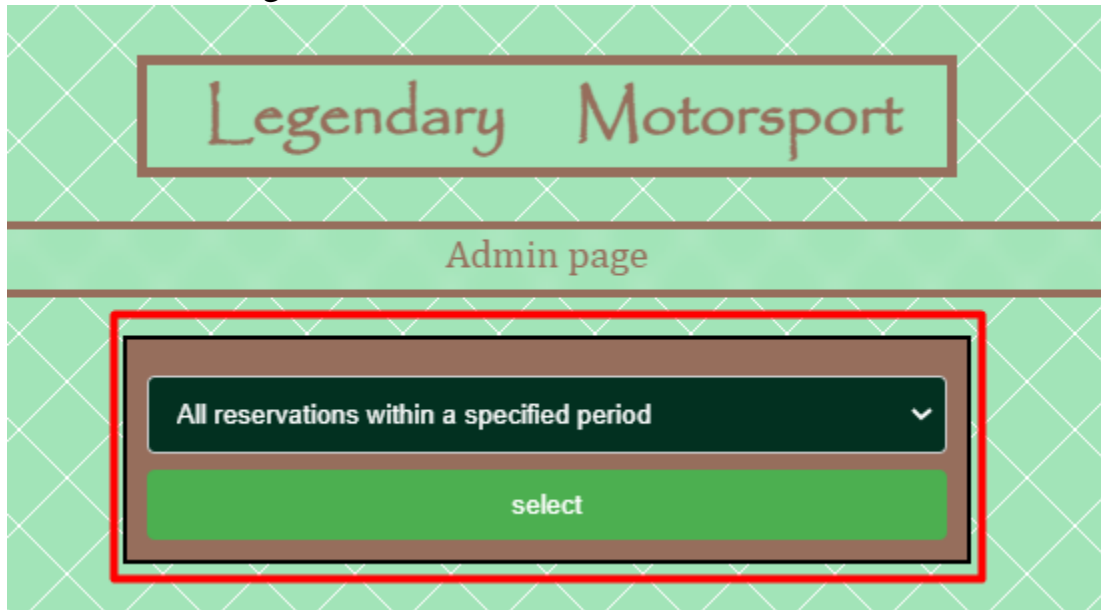
After the user enters his payment information and confirms, the user will be redirected to the post payment page and will be given the transaction number for the payment.



V) Admin page:

After logging in as admin successfully, you will be redirected to “adminindex.php” page.

You can select the service you wish to perform as admin from the select box shown in the image below.



When you click on select you will be redirected to the page corresponding to the option you select.

1. [Selecting Option 1 \(All reservation within a specific period\):](#)

You will be redirected to this page and asked to enter the starting date and ending date as shown in the image below:

Legendary Motorsport

Admin page

All reservations within a specified period :
starting from: ending in:

Search

After clicking on the search button, all reservation within the specified period will be displayed.

None will be displayed if there are no matching reservations. Below is an example of reservations being displayed when the period matched.

Legendary Motorsport

Admin page

All reservations within a specified period :
starting from: ending in:

Search

Plate : 12jh42
Motor id : 1938721
Year : 2022
Class : Compact
Brand : Tesla
Color: red
Status : active
Price per day : 300.00
SSN : 37853648301234
First name : Yahia
Last name : Zaky
Phone number : 16273849283
License number : 123123123
City : Cairo

Plate : 1a
Motor id : 323542
Year : 2017
Class : suv
Brand : Ford
Color: blue
Status : active
Price per day : 100.00
SSN : 37853648301234
First name : Yahia
Last name : Zaky
Phone number : 16273849283
License number : 123123123
City : Cairo

Legendary Motorsport

Admin page

12jh42

starting from: dd/mm/yyyy ending in: dd/mm/yyyy

Search

2. Selecting Option 2 (All reservations of a car within specified period):

After Selecting the second option you will be asked to enter the start date and end date, in addition to the car plate which you can select from the select box at the top of the red box in the below image.

Legendary Motorsport

Admin page

12jh42

starting from: dd/mm/yyyy ending in: dd/mm/yyyy

Search

Plate : 12jh42
Year : 2022
Brand : Tesla
Color: red
Rented date : 2023-01-01 00:00:00
Day to return: 2023-01-03 00:00:00
Paid: 0
Picked up: 0

If the selected car is reserved with in the period selected, then it should be displayed as shown in the above image, otherwise nothing is displayed and you are prompted to select the car plate and period once again.

The screenshot shows the 'Legendary Motorsport' Admin page. At the top, there is a header with the title 'Legendary Motorsport' and a subtitle 'Admin page'. Below the header, there is a search form with a 'Day:' label and a date input field showing 'dd/mm/yyyy'. A 'Search' button is located below the input field. Below the search form, there is a table with three columns, each containing car information. The table is highlighted with a red border.

Plate : 12jh42 Status : active Reserved : 0	Plate : 1a Status : active Reserved : 0	Plate : 1b Status : active Reserved : 0
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3. Selecting option 3 (displaying all cars information within a specific day):

After selecting this option, you will be prompted to enter the day you want to display the cars information at. The cars should then be displayed as shown above after clicking on the “Search” button.

5.SelectinDg option 5 (displaying sum of payments per day in selected period):
After selecting this option, you will be asked to choose an interval of which you wish to display sum of payments for each day of this interval

The screenshot shows a web application interface for 'Legendary Motorsport'. At the top, there is a header with the title 'Legendary Motorsport' and a 'Menu' link. Below the header, there is a form with two input fields and two buttons: 'Return' and 'Pick up'.

6.SelectinDg option 6 (marking car as picked up or returned):
Here the admin enters the plate of the car and clicks on the return button to mark it as returned or the pick up button to mark it as picked up.