

CAR RENTAL SYSTEM

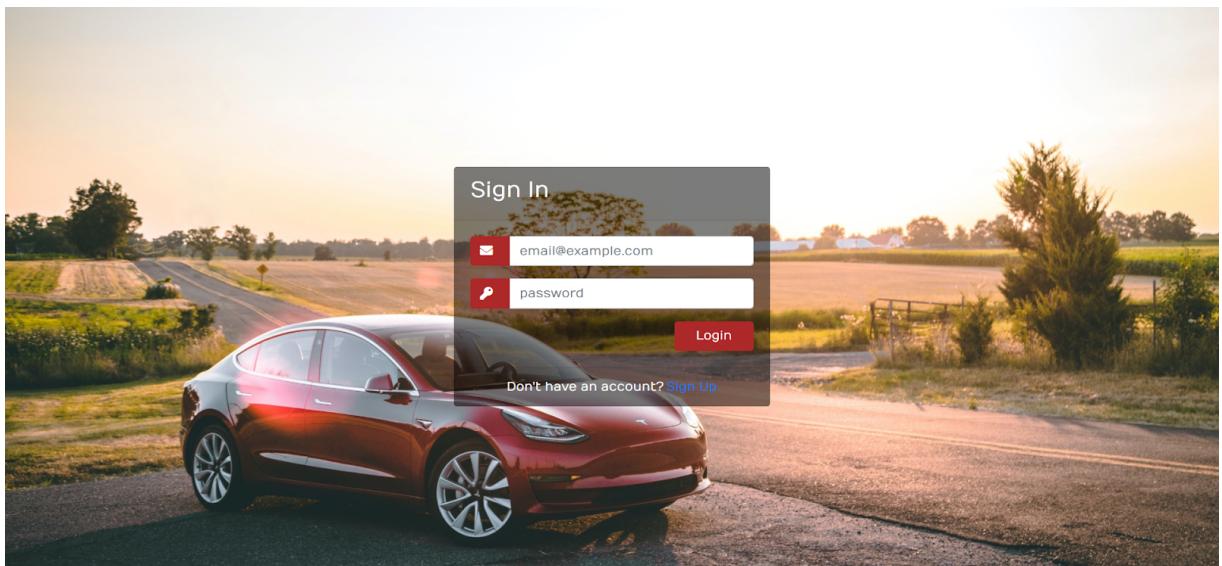


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Mohamed Sherif	6166

App features

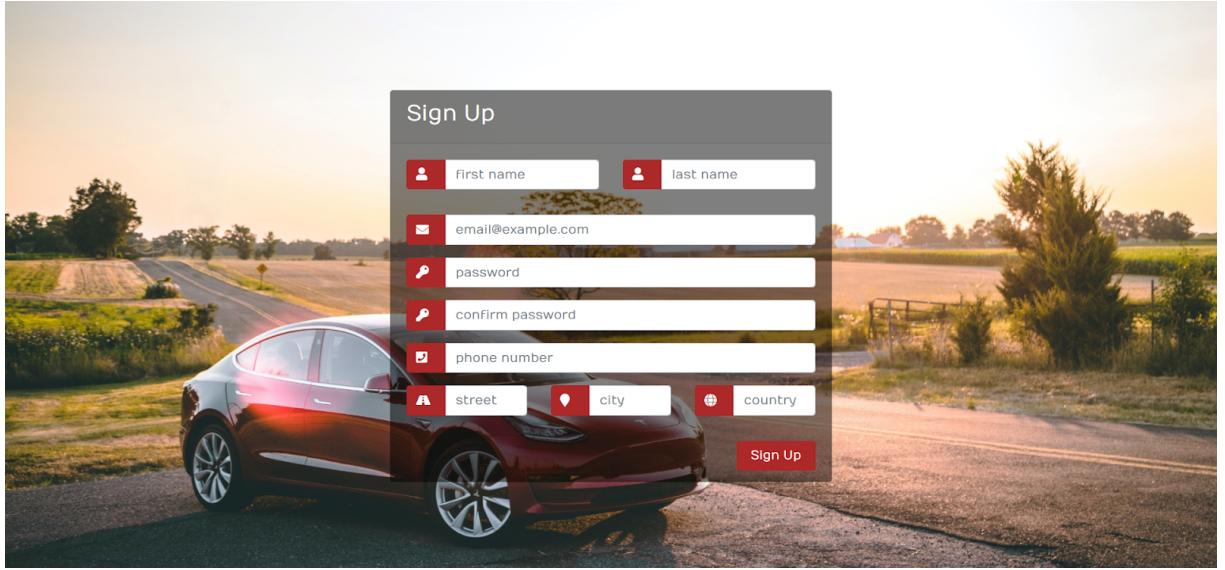
1. Easy to use.
2. Multiple windows.
3. Using ajax format.
4. login window for the user by email and password and then check if the user is a customer or an admin.

Logic : search in customer table for the email and check if the password is correct if the email for the customer then go to the renting page , if the email for the admin go to admin page.



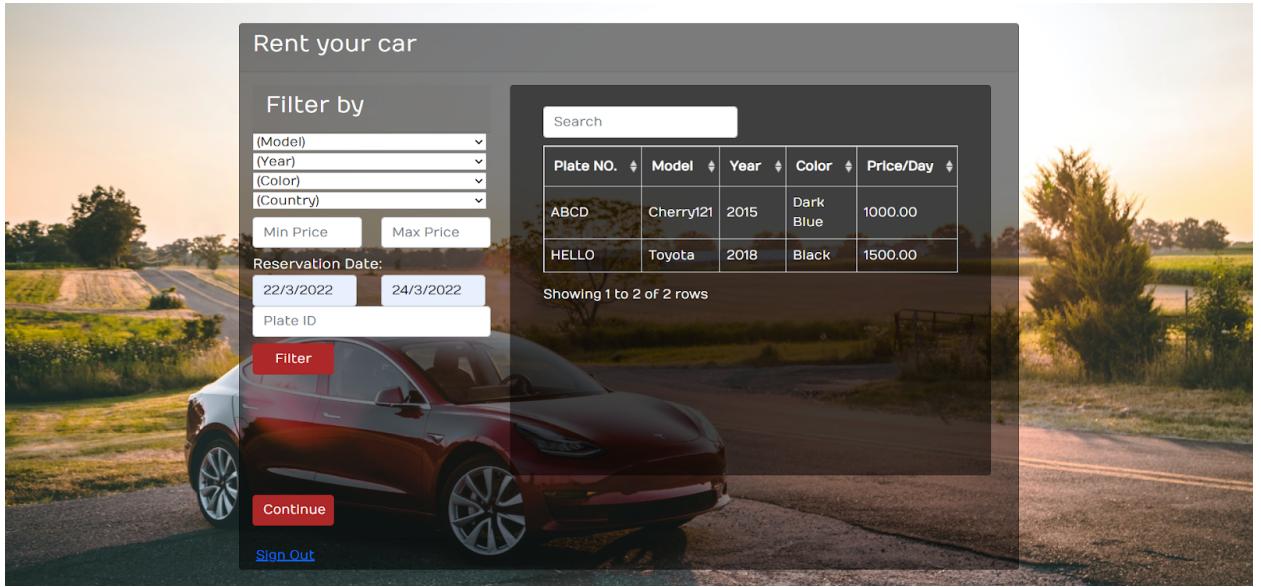
5. If the customer doesn't have an account he/she can create an account.

Logic: the system takes the input from the user and validates customer data. If the validation is correct then it will check first if this data is already in the table or not , if not it will add it to the table.



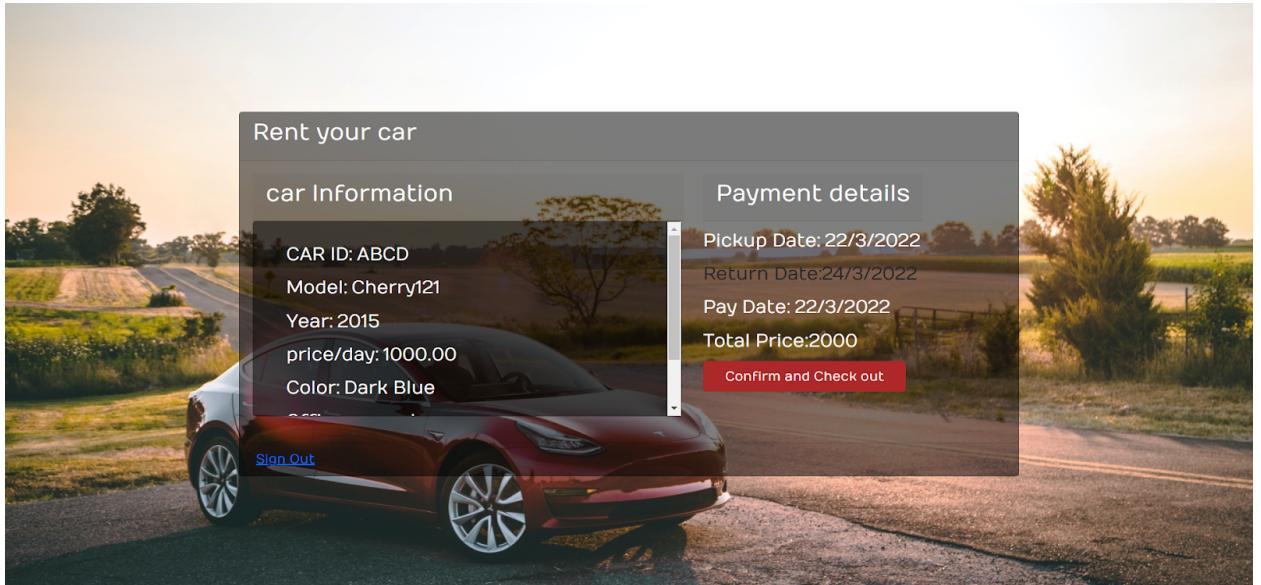
6. The customer can filter the available cars by model , year , color , price then selects the wanted car.

Logic : the customer chooses the specs then we made a query according to the chosen specs and then show the result in bootstrap table and validate the inputs



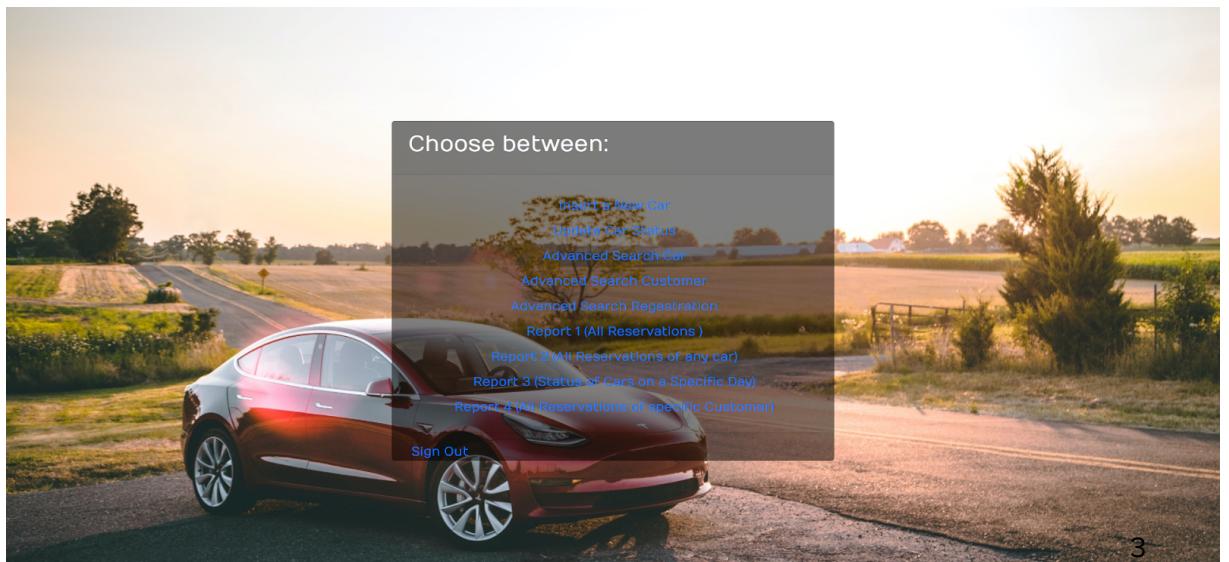
7. When the customer chooses a car , all information about the car , the location to receive the car and the total price for the rent will appear in a new window then the customer should check this information and confirm.

Logic : the system gets the information from the previous window and made a query to show car information and office information and calculate the total price



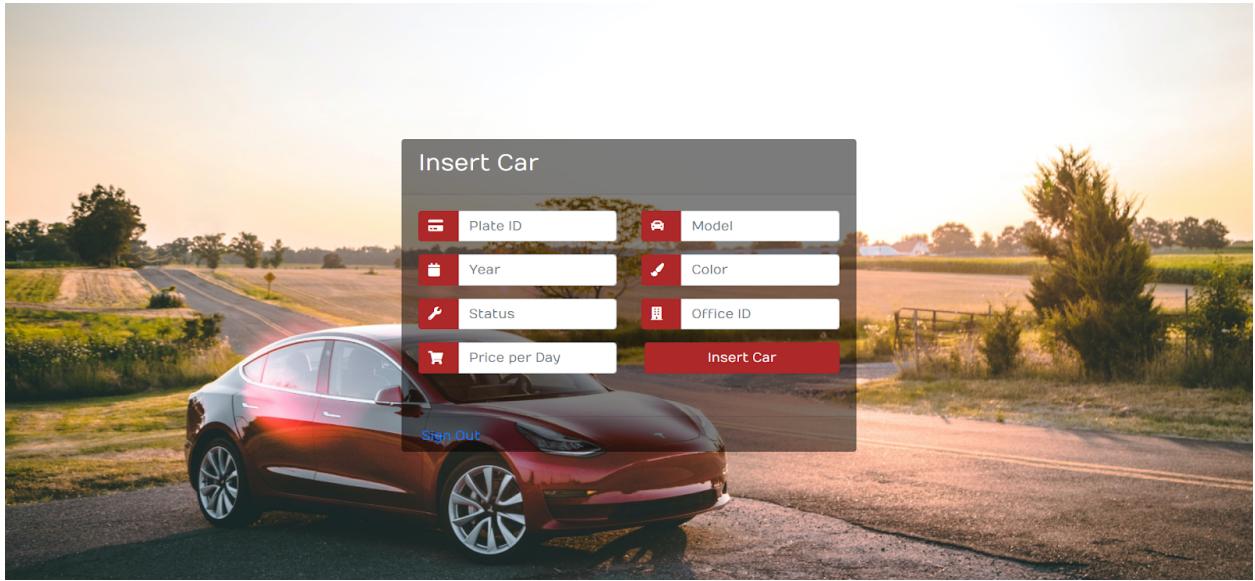
8. The admin has multi options to choose from like:

- insert a new car .
- update car status .
- advanced search for cars , customers and reservations .
- Report about all reservations within a specific period .
- all reservations of any car within a specific period.
- the status of all cars on a specific day.
- all reservations of specific customers.



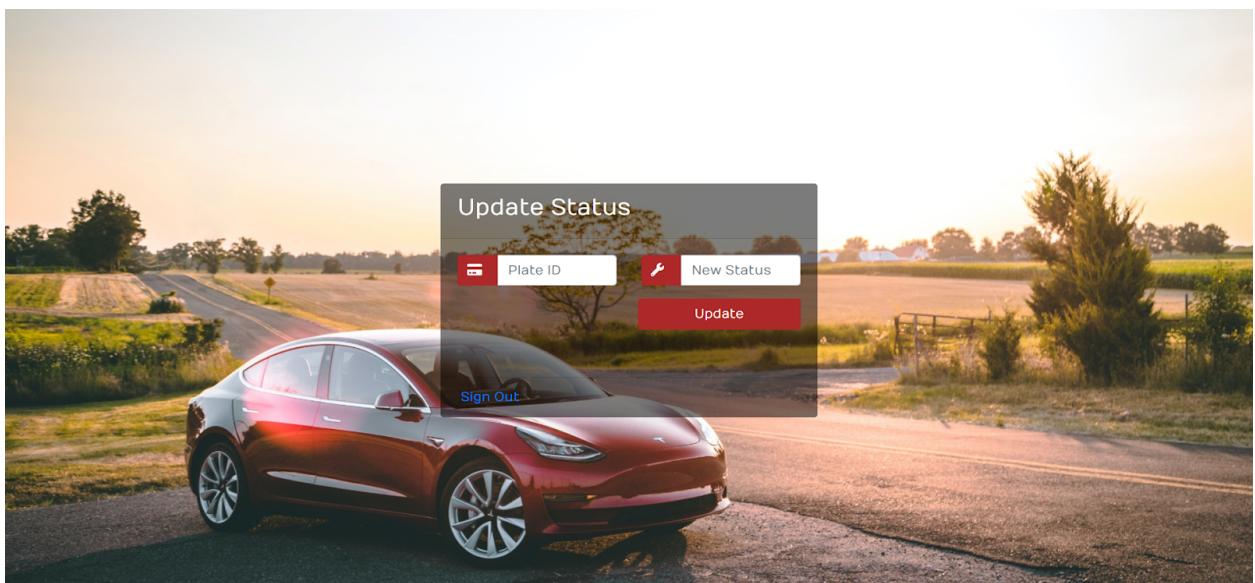
9. Insert new car window.

Logic: the admin inserts car information and the system validates this information and checks that the car id doesn't exist in the database then if the information is correct and doesn't exist then the system adds it to the database.



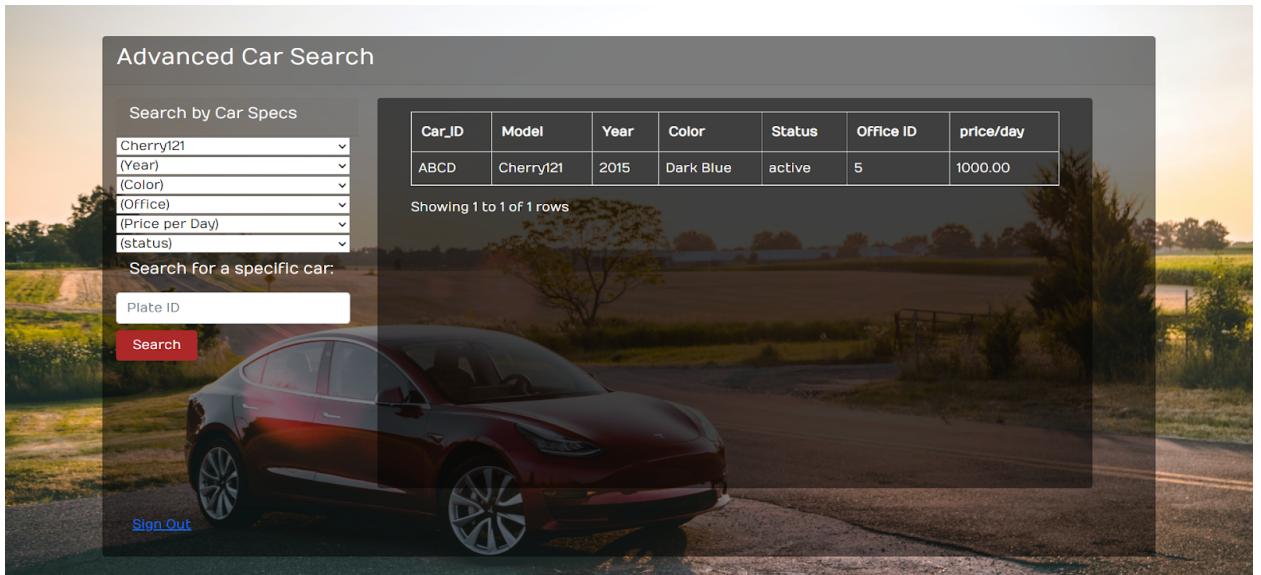
10. Update car status window.

Logic : the system searches for the car in the database by car id then updates car status according to the input.



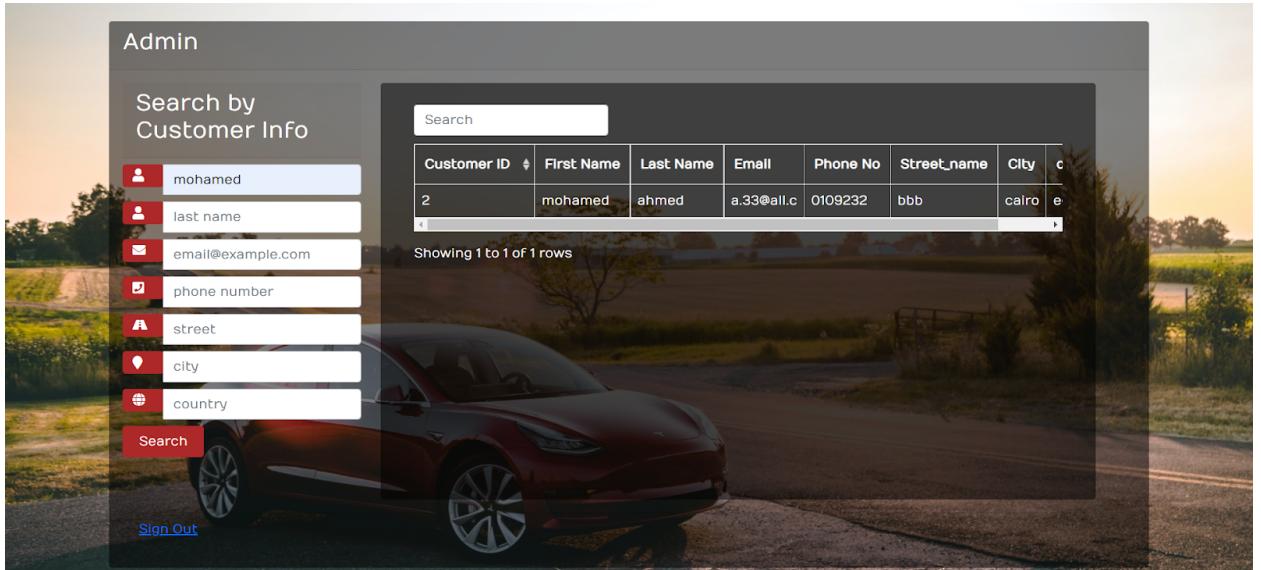
11. Advanced car search window.

Logic: search in car table according to the specs that the admin chooses and view it in bootstrap table.



12. Advanced customer search window.

Logic: Search in Customer Table and View all Customers information and filter the customers by any information given by the Admin.



13. Advanced reservation search within a day window.

Logic: Search in Reservation Table and View all reservation information and filter the reservations by a specific Day given by the Admin.

Reservation ID	Customer ID	Car ID	Reservation Date	Pick up Date	Return Date
1	2	ABCD	2022-01-10 02:37:17	2022-01-01 00:00:00	2022-01-02 00:00:00
2	2	HELLO	2022-01-10 02:37:21	2022-01-01 00:00:00	2022-01-01 00:00:00
3	1	ABCD	2022-01-10 02:37:24	2022-01-01 00:00:00	2022-01-01 00:00:00
12	1	HELLO	2022-01-10 03:54:17	2022-04-21 22:00:00	2022-05-23 22:00:00

Showing 1 to 4 of 4 rows

14. Report about all reservations within a specific period.

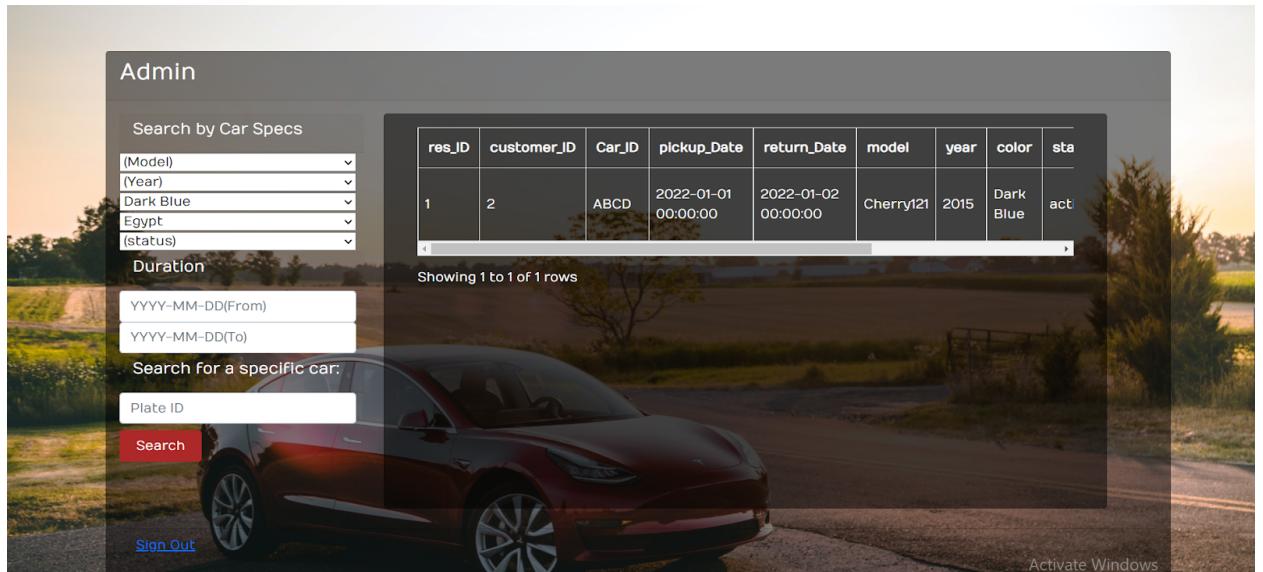
Logic: Join between Customer and Reservations and Car tables to view All Car and Customer Information and filter the reservations by a specific period given by the Admin.

Reservation ID	Customer ID	First Name	Last Name	Email	Phone No	Street
1	2	mohamed	ahmed	a.33@all.c	0109232	bbb
2	2	mohamed	ahmed	a.33@all.c	0109232	bbb
3	1	omar	ahmed	ma@aa.a	54434	aaa
12	1	omar	ahmed	ma@aa.a	54434	aaa

Showing 1 to 4 of 4 rows

15. Report about all reservations of any car.

Logic: Join between Reservations and Car tables to view All Car and reservation information and filter the reservations by a specific period given by the Admin or any car specs or Search for a specific car by the Car Plate.



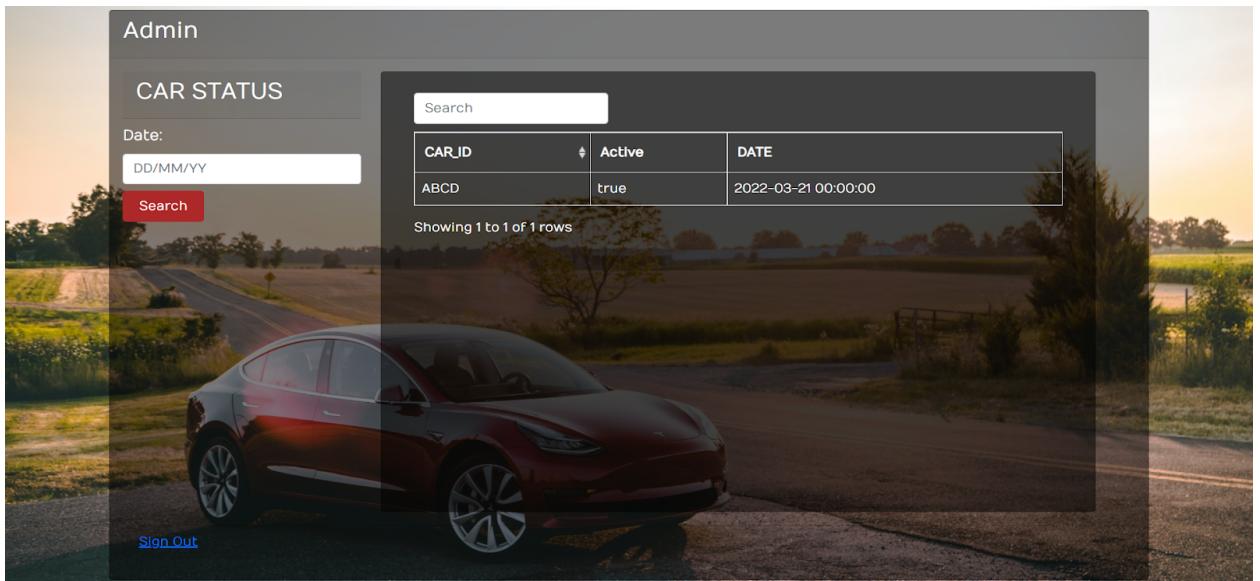
The screenshot shows a web-based application interface titled "Admin". On the left, there is a sidebar with sections for "Search by Car Specs" (Model: Dark Blue, Year: Egypt, Status: act), "Duration" (From: YYYY-MM-DD, To: YYYY-MM-DD), and "Search for a specific car" (Plate ID: ABCD). The main content area displays a table with the following data:

res_ID	customer_ID	Car_ID	pickup_Date	return_Date	model	year	color	sta
1	2	ABCD	2022-01-01 00:00:00	2022-01-02 00:00:00	Cherry121	2015	Dark Blue	act

Showing 1 to 1 of 1 rows

16. Report about cars status on a specific day.

Logic: Search in the Car Status Table and View all car status information and filter the Cars by a specific Day given by the Admin.



The screenshot shows a web-based application interface titled "Admin". On the left, there is a sidebar with a section for "CAR STATUS" and a date input field ("Date: DD/MM/YY"). Below it is a "Search" button. The main content area displays a table with the following data:

Search		
CARID	Active	DATE
ABCD	true	2022-03-21 00:00:00

Showing 1 to 1 of 1 rows

17. Report about all reservations of a specific customer.

Logic: Join between Customer and Reservations and Customer Payment andCar tables to view :

- All customer information
- car model
- plate id
- daily payments within a specific period

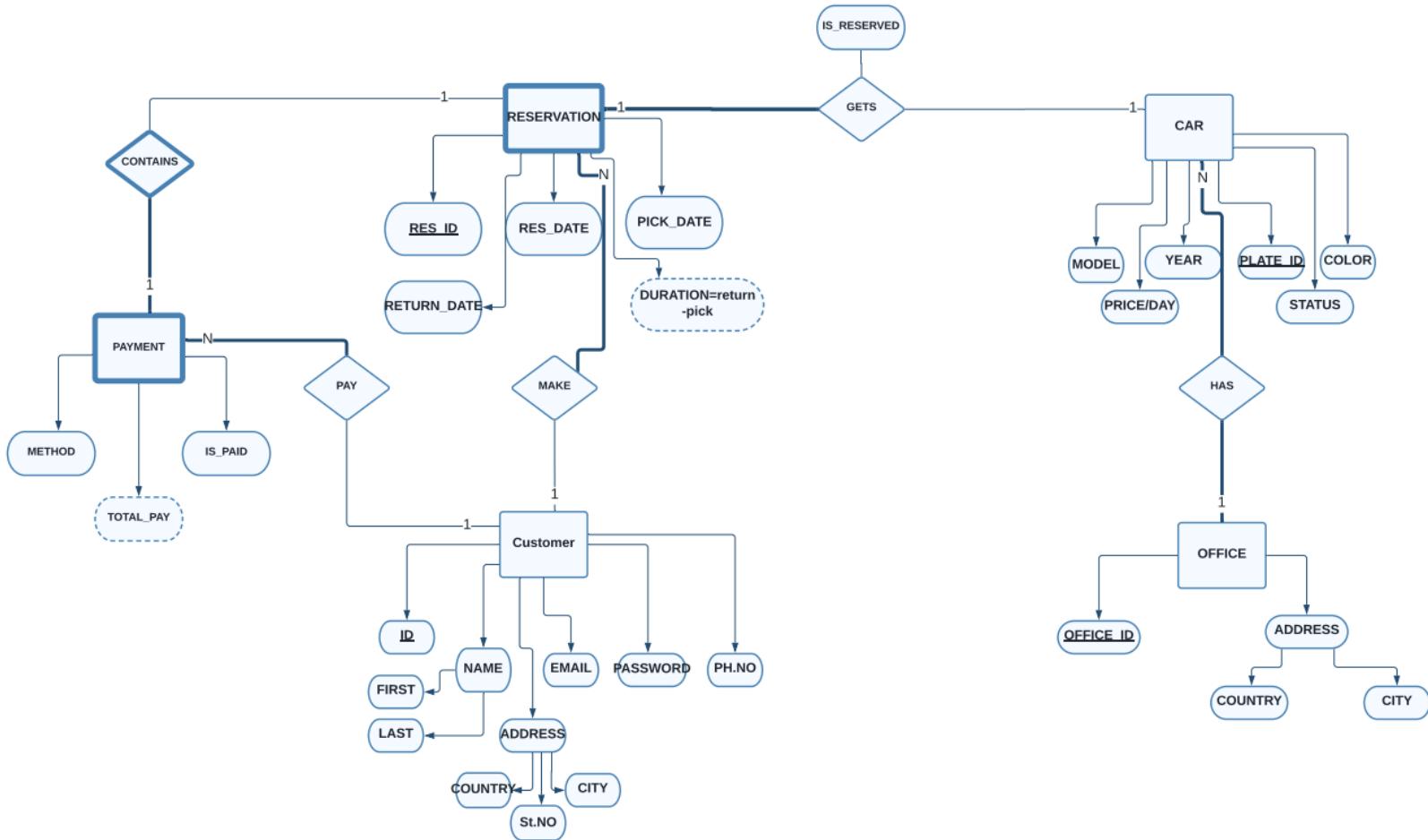
and filter the reservations by any customer information.

The screenshot shows a web-based administrative interface. At the top, it says "Admin". On the left, there is a sidebar with the title "Search by Customer Info" containing input fields for "First name", "last name", "email@example.com", "phone number", "street", "city", and "country", each with a corresponding icon. Below these fields is a red "Search" button. To the right of the sidebar is a table with the following data:

Customer ID	First Name	Last Name	Plate ID	model	pay_date	Payment
2	mohamed	ahmed	ABCD	Cherry121	2022-01-01 00:00:00	1000.00
2	mohamed	ahmed	HELLO	Toyota	2022-01-02 00:00:00	0.00

Below the table, a message says "Showing 1 to 2 of 2 rows". The background of the page features a photograph of a red Tesla Model 3 driving on a road at sunset.

ER diagram:



- The ER diagram shows the relation between entities then we convert it to schema.

We Used Github to manage this project :

The screenshot shows a GitHub repository page for a project named "omarmoo5 fix". The repository has 101 commits, 0 stars, 1 watcher, and 0 forks. It includes sections for releases, packages, and contributors.

Commits

File / Commit Message	Time Ago
.idea validations	2 hours ago
.gitignore table	3 days ago
Admin.js Admin Page added	yesterday
Admin.php ..	13 hours ago
AdminFirstPage.html ..	1 hour ago
AdminSearch.php admin php	yesterday
Advanced_Car.js Reservations Search	4 hours ago
Advanced_Car.php Advanced_Car	6 hours ago
Advanced_Customer.html Advanced Reservation	3 hours ago
Advanced_Customer.js Advanced Customer	3 hours ago
Advanced_Customer.php Advanced Customer	3 hours ago
Advanced_Filter_Car.php Advanced_Car	6 hours ago
Advanced_Regestration.html ..	2 hours ago
Advanced_Regestration.js Advanced Reservation	3 hours ago
Advanced_Regestration.php Advanced Reservation	3 hours ago
ConfirmRenting.js Merge remote-tracking branch 'origin/master'	2 hours ago

No description, website, or topics provided.

Stats

- 0 stars
- 1 watching
- 0 forks

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Contributors 4

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