



Faculty of engineering  
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# CAR RENTAL COMPANY

Database

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## IDEA:

Our website is well thought out and shows that we were determined to make the project as realistic as possible to a real-life car rental system.

Our system supports multiple offices where offices can be in different countries, cities.

Users in our system are only allowed if they're older than 18 years and have a valid national ID.

The system has a very strong search mechanism for free cars between dates.

And user can also filter the cars based on their needs (price, model, manufacturer, etc...)

We know how hard it is to see all your previous data as a user or as an admin, that's why we put a lot of thought into how to represent these data in an organized and pleasing to the eye manner.

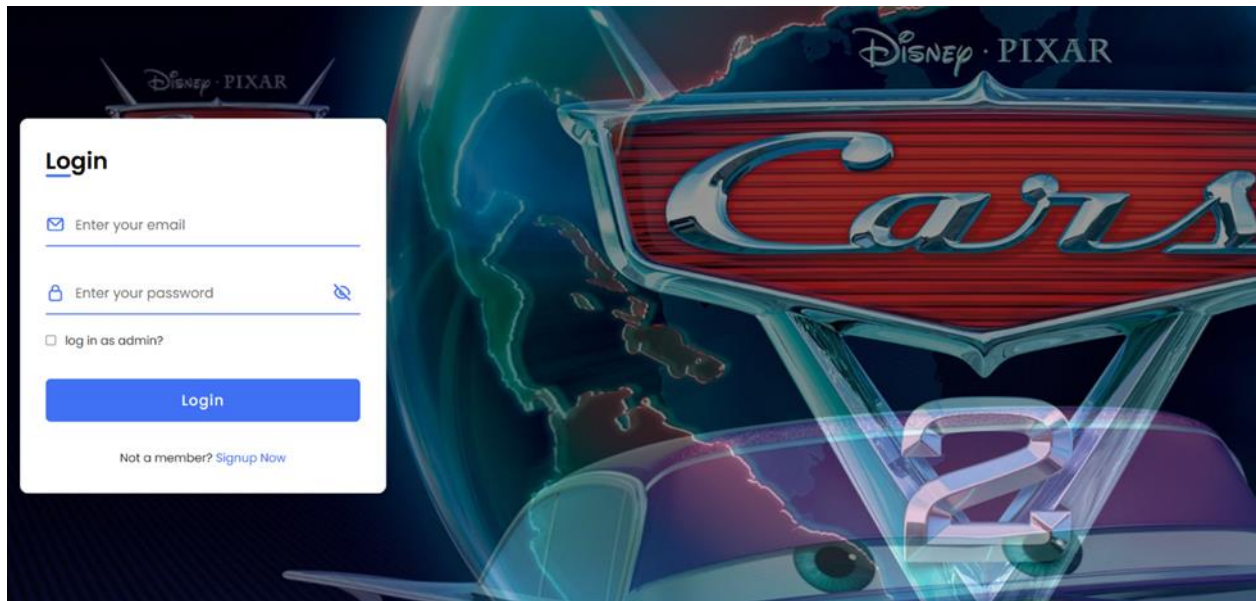
We used tables with searches and sorting features, so data seeking is a breeze.

Admins are humans, that's why they also can make their own reservations and manage at the same time and thus an admin is asked if he/she wants to resume as a normal user or rather with the admin's privileges.

And most importantly our system proved to work on a remote MySQL database and even the website is live at a server!

## USER

### LOGIN AND SIGNUP



Disney · PIXAR

### Login

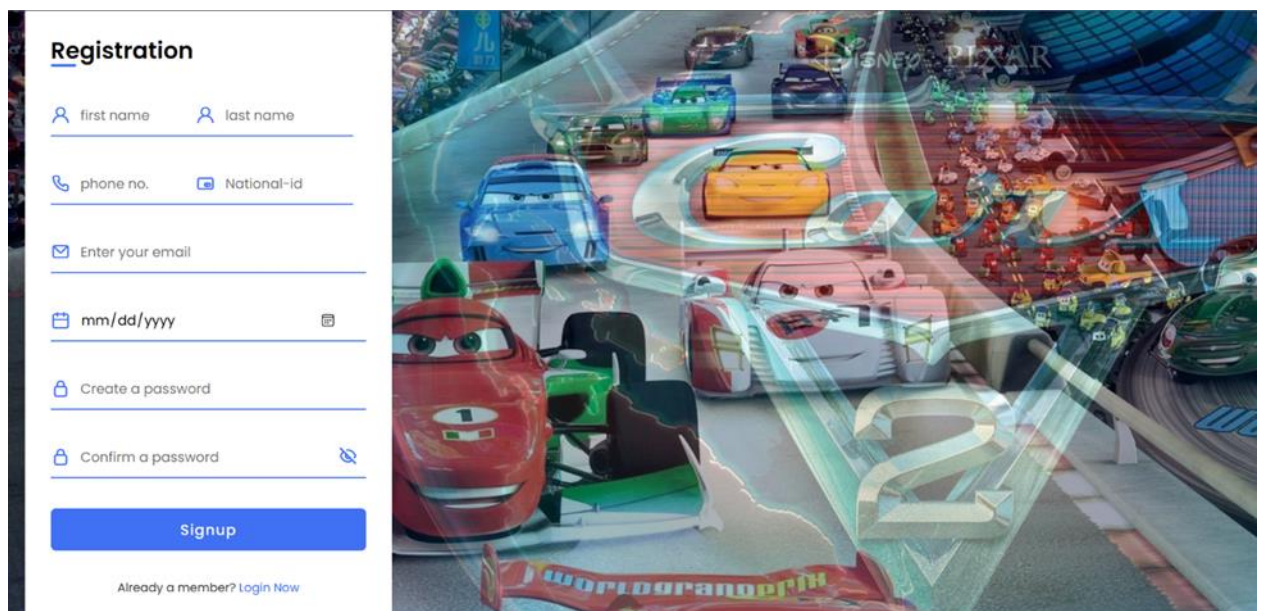
☒ Enter your email

Enter your password

☐ log in as admin?

Login

Not a member? [Signup Now](#)



### Registration

first name  last name

phone no.  National-id

☒ Enter your email

mm/dd/yyyy

Create a password

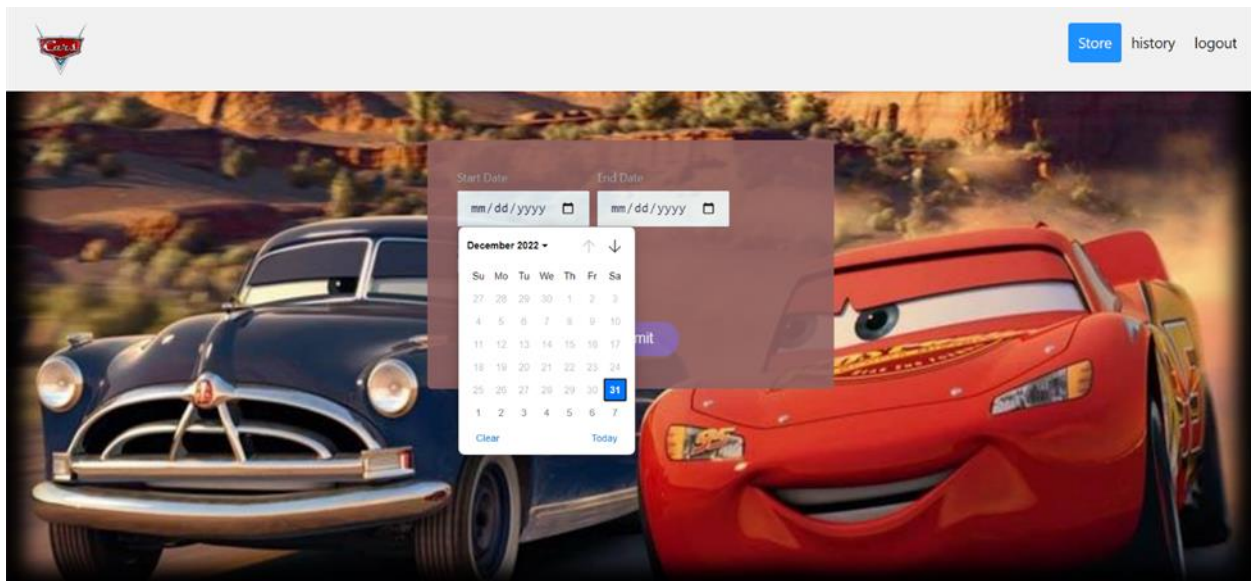
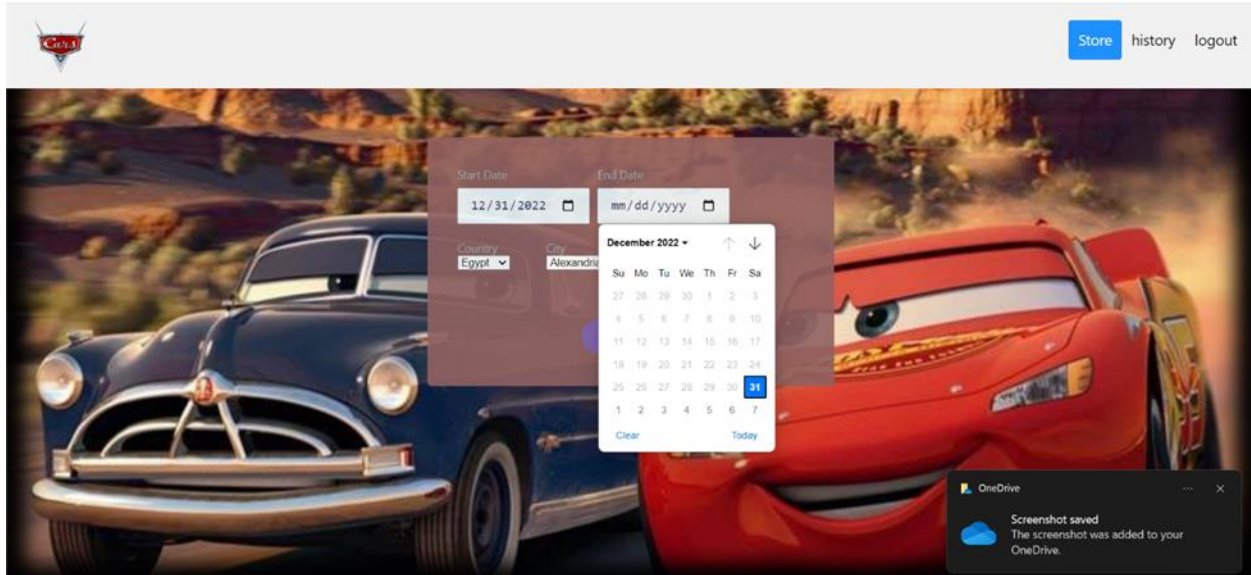
Confirm a password

Signup

Already a member? [Login Now](#)

#### SEARCH PAGE:

The user is urged to choose a start and end date for his/her reservation as well as the office's country and city wherefrom the user wishes to pick up the rented car.





## FILTER PAGE

Via sliders and drop-down list that gets populated directly from our data base, the user can filter his/her filter results.

Car's 4

Store history logout

Filter Location

All

Price

100 2000

Model Year

2000 2023

Apply Filter

Manufacturer

Nissan

Price

100 2000

Model Year

2000 2023

Apply Filter

Nissan Sunny 2010  
NRS 131

## USER HISTORY

User can display his/her own previous reservations. After completion of user's quest, he can log out and hence session will be cleared waiting for a new log-in.

Car's 4

Store history logout

Car Plate	Start Date	End Date	Company	Model	Amount paid	Payment Date
BWW 150	2022-12-30	2023-01-06	BMW	M3		
CVV 141	2022-12-30	2023-01-06	Chevrolet	Optra		
NSS 130	2023-01-07	2023-02-10	Nissan	Sunny		

## ADMIN

### CARS

Plate	Manufacturer	Model	Year	PPD	Colour	Mode	OfficeId	Image	Status	Edit	Delete	Change status
121 BAE	BMW	520i	2009	520		A	2	<a href="#">Link</a>	ACTIVE	<button>Edit</button>	<button>DELETE</button>	<button>Change Status</button>
122 ALE	BMW	320i	2010	213		A	1	<a href="#">Link</a>	ACTIVE	<button>Edit</button>	<button>DELETE</button>	<button>Change Status</button>
152 AEG	Mercedes	CLA 200	2010	241		A	1	<a href="#">Link</a>	ACTIVE	<button>Edit</button>	<button>DELETE</button>	<button>Change Status</button>
152 ALX	Mercedes	GLS	2021	22		A	2	<a href="#">Link</a>	ACTIVE	<button>Edit</button>	<button>DELETE</button>	<button>Change Status</button>
312 BAS	Nissan	Sunny	2020	120		M	3	<a href="#">Link</a>	ACTIVE	<button>Edit</button>	<button>DELETE</button>	<button>Change Status</button>

### INSERT CAR

#### Insert a new car

Plate

Manufacturer

Model

Year

Price per day

Colour



Mode

Automatic ▾

Office ID

1 ▾

Image

OK

## CHANGE CAR STATUS


 Update

Plate	<input type="text" value="122 ALE"/>
Manufactu	<input type="text" value="BMW"/>
Model	<input type="text" value="320i"/>
YEAR	<input type="text" value="2010"/>
PPD	<input type="text" value="213"/>
Colour	<input type="text" value="Red"/>
Mode	<input type="text" value="A"/>
Office	<input type="text" value="1"/>
ID	
Image	<input type="text" value="https://i.ibb.co/wKs0k2Q/BM"/>

Save

Close

## OFFICE

### INSERT NEW OFFICE

Insert a new Office

Id	<input type="text" value="1"/>
Location	<input type="text"/>
City	<input type="text"/>
Country	<input type="text"/>
Active:	<input type="text" value="Active"/>

OK



## LIST OF OFFICES

Abokhatwa car rental

Insert a new office

Sign out

Office id	Location	City	Country	Active	Delete	Edit
1	Bolkiy	Alexandria	Egypt	Active	DELETE	Edit

PIXAR

Cars

## DELETE OFFICE

Abokhatwa car rental

Insert a new office

Sign out

ARE YOU SURE ?

You are about to delete an office.

Close Save

Delete Edit

DELETE Edit

PIXAR

Cars

## USERS

Email	First Name	Last Name	Phone	Birthdate	National Id	User Password	Is Admin	Delete
admin@gmail.com	admin	admin	+201227123234	2001-06-01	1231	zafeasd	1	DELETE
saeed@gmail.com	saeed	abokhatwa	+201099799955	2001-06-01	3010	zafeasd	0	DELETE
raphael@gmail.com	raphael	gerges	+201227123123	2000-01-02	3011	adfa	0	DELETE
hossam@gmail.com	hossam	emam	+0201210104904	2001-01-03	3021	afgz	0	DELETE
ehab@gmail.com	ehab	sherif	+201279850816	2001-06-01	3312	zafeasd	0	DELETE

## LIST OF RESERVATIONS

Abokhatwa car rental

Search

Sign out

ID	Car Plate	National ID	Start Date	End Date	Delete	PAY
1	121 BAE	3010	2021-10-15	2021-10-18	DELETE	PICKUP
2	122 ALE	3011	2021-10-19	2021-10-21	DELETE	PICKUP
3	152 AEG	3021	2021-10-16	2021-10-18	DELETE	PICKUP

Dashboard

Cars

Users

Reservations

Payments

Offices

Disney · PIXAR

Cars

## SEARCH WITH DATE / CAR / NID

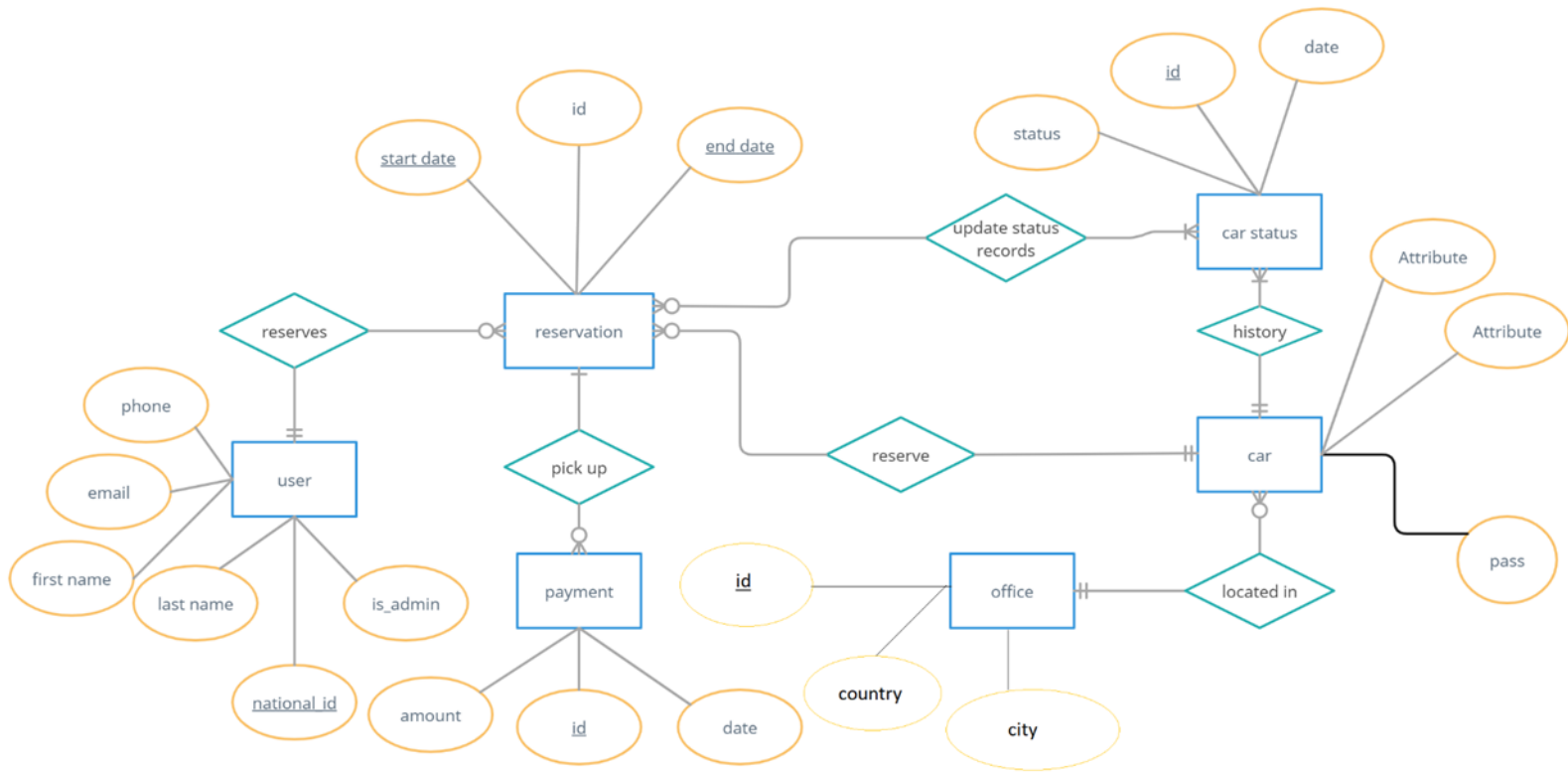
Search	Search
Search for a specific car: <input type="checkbox"/>	Search for a specific car: <input type="checkbox"/>
Search for a user: <input type="checkbox"/>	Search for a user: <input checked="" type="checkbox"/>
National ID: 3010 <input type="text"/>	National ID: 3010 <input type="text"/>
Plate: 121 BAE <input type="text"/>	Plate: 121 BAE <input type="text"/>
Start date	Start date
dd/mm/yyyy <input type="text"/>	dd/mm/yyyy <input type="text"/>
End date	End date
dd/mm/yyyy <input type="text"/>	dd/mm/yyyy <input type="text"/>
<input type="button" value="OK"/>	<input type="button" value="OK"/>

## PAYMENT

**CONFIRMATION**

You are about to pay for your reservation

## ER DIAGRAM



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