

Car Rental Mobile Application

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Encadrant de SOLICODE : **Abdellatif SOKLABI**

Année de formation : **2021 - 2022**

PLAN



```
graph TD; PLAN[PLAN] --- L1[01 BESOIN]; L1 --- L2[02 ANALYSE FONCTIONNELLE]; L2 --- L3[04 GESTION PROJET]; L3 --- L4[05 RÉALISATION]; L4 --- L5[03 CONCEPTION]; L5 --- L1;
```

01

BESOIN

02

ANALYSE FONCTIONNELLE

03

CONCEPTION


04

GESTION PROJET


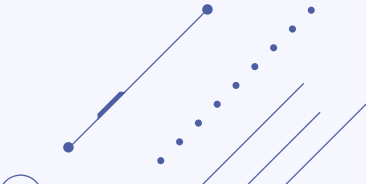
05

RÉALISATION

BESOIN



Dans le cadre de validation de mon parcours de formation aux solicode, je prend l'initiative de réaliser une application mobile, pour faciliter la réservation pour les clients , et une application web pour le propriétaire d'agence pour la gestion de voitures et des réservations .



DESIGN THINKING

Une approche de conception centrée sur l'humain qui vise à retrouver à la fin un produit, ou un service innovant, qui répond à un besoin ou une problématique de base et qui est techniquement faisable.



DESIGN THINKING



Empathie

Carte Empathie

1

Définir

Résultat Empathie

2

Idéation

Brainstorming

3

Prototype

WireFrames

4

Test

Track Usage

5

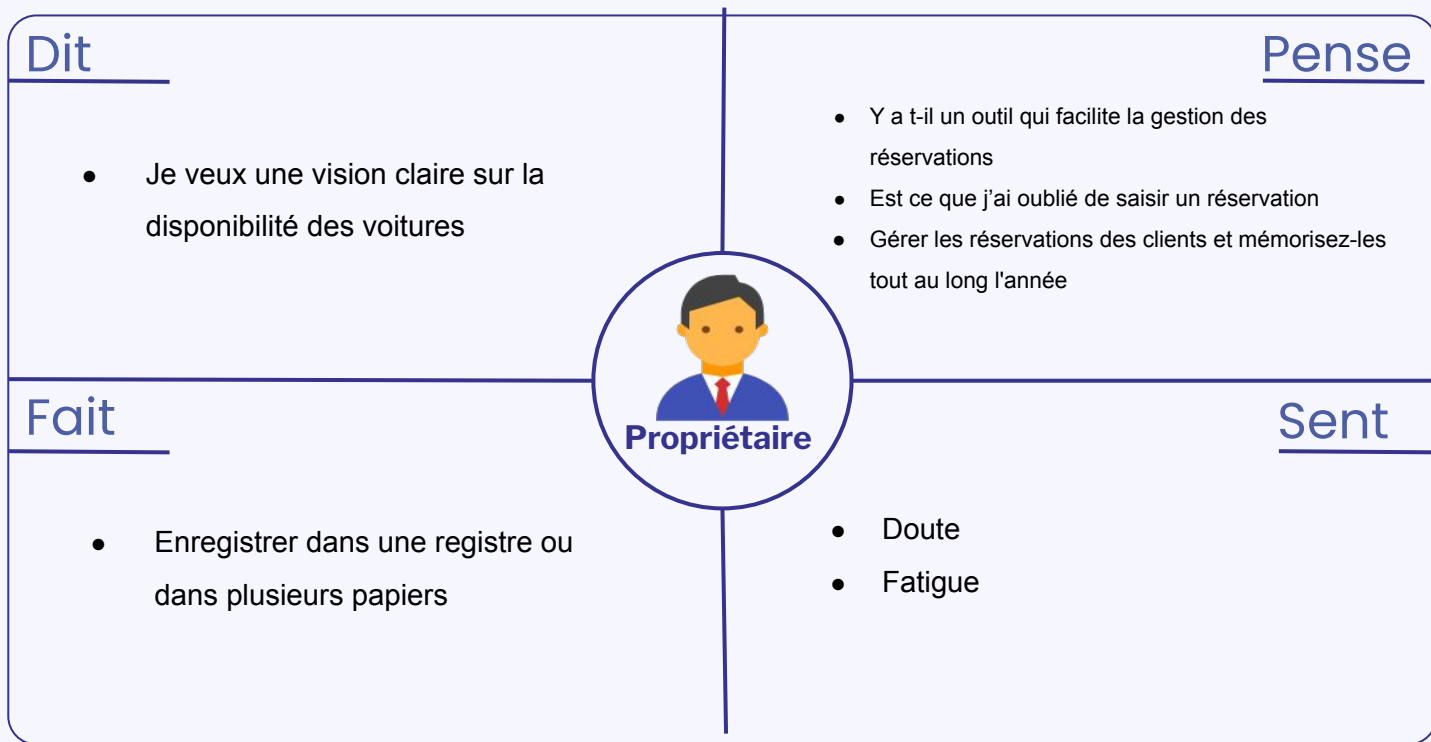


The background features abstract geometric patterns in the corners, consisting of thin blue lines, dots, and circles. In the top-left, there are several parallel lines and a small cluster of dots. In the top-right, a circle with a dot inside is connected to a line. In the bottom-left, there are more parallel lines and a small cluster of dots. In the bottom-right, there are several parallel lines, a circle with a dot inside, and a small cluster of dots.

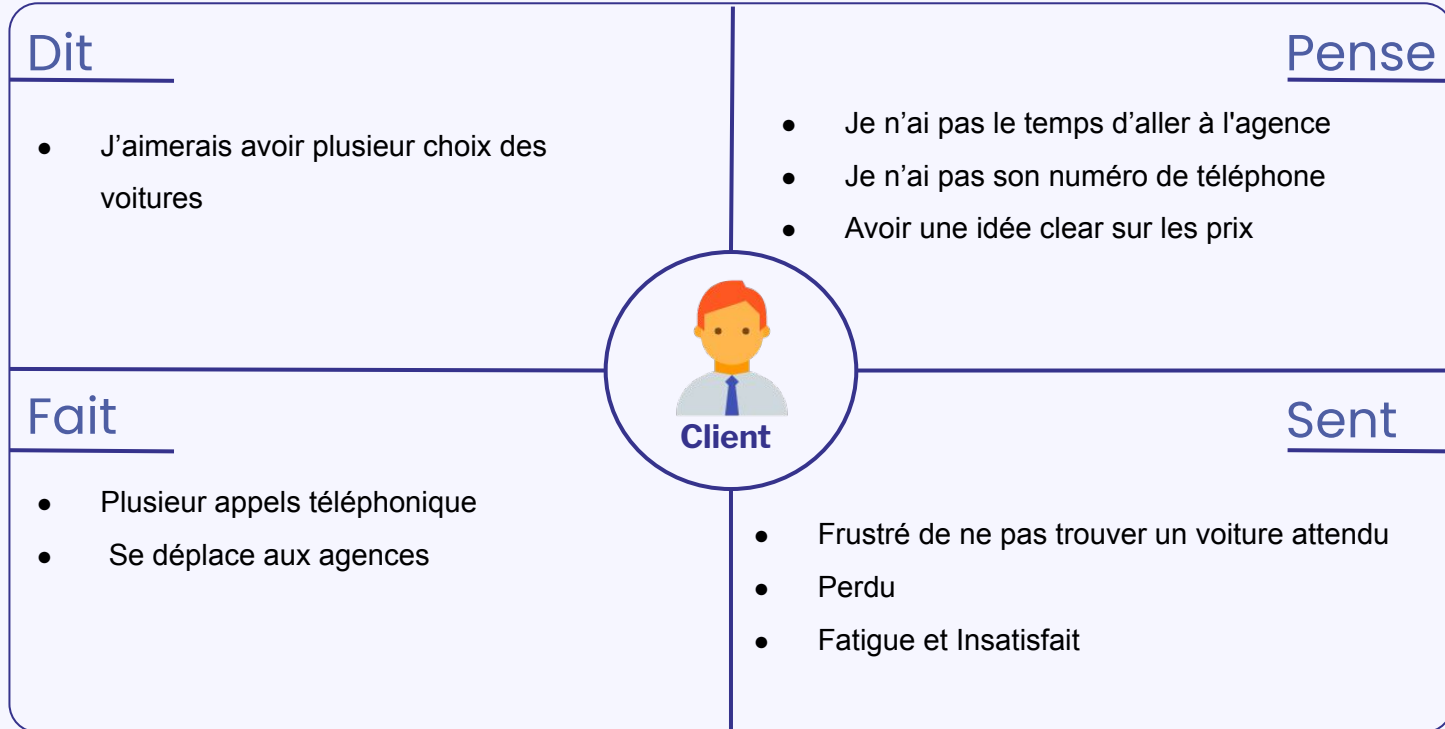
01

EMPATHI

CARTE EMPATHIE : PROPRIÉTAIRE



CARTE EMPATHIE : CLIENT



The background features abstract geometric patterns in the corners, consisting of thin blue lines, dots, and circles. In the top-left, there are several parallel lines and a small cluster of dots. In the top-right, a circle with a dot inside is connected to a line. In the bottom-left, there are more parallel lines and a small cluster of dots. In the bottom-right, there is a circle with a dot inside, a line, and a small cluster of dots.

02

DÉFINIR

DÉFINIR : PROPRIÉTAIRE



Le propriétaire n'a pas une vision clear sur les réservations et les disponibilités des voitures



Des erreurs de saisie à cause de la saisie sur les registre et les papiers

DÉFINIR : CLIENT



Le client ne sais pas le prix de location que l'agence proposer



Le client n'a pas le temps de se déplacer pour chercher les agences de location

The background features abstract geometric patterns in the corners, consisting of thin blue lines, dots, and circles. In the top-left, there are several parallel lines and a small cluster of dots. In the top-right, a circle with a dot inside is connected to a line. In the bottom-left, there are more parallel lines and a small cluster of dots. In the bottom-right, there is a circle with a dot inside, a line, and a small cluster of dots.

03

IDÉATION

IDÉATION

Cars Rental Systeme

```
graph TD; Root[Cars Rental Systeme] --> Home[Home]; Root --> Voitures[Voitures]; Root --> Notifications[Notifications]; Root --> Account[Account]; Root --> Favourites[Favourites]; Home --> H1[List des Voitures Plus Louer]; Home --> H2[List des Avis des clients]; Voitures --> V1[Liste des Voitures]; Notifications --> N1[Liste des Notifications]; Account --> A1[Information de l'utilisateur]; Favourites --> F1[Liste des Voitures Préféré]; Voitures --> Reservation[Reservation]; Reservation --> R1[Reserver Voitures];
```

Home

List des Voitures
Plus Louer

List des Avis des
clients

Voitures

Liste des Voitures

Notifications

Liste des Notifications

Favourites

Liste des Voitures
Préférée

Account

Information de
l'utilisateur

Reservation

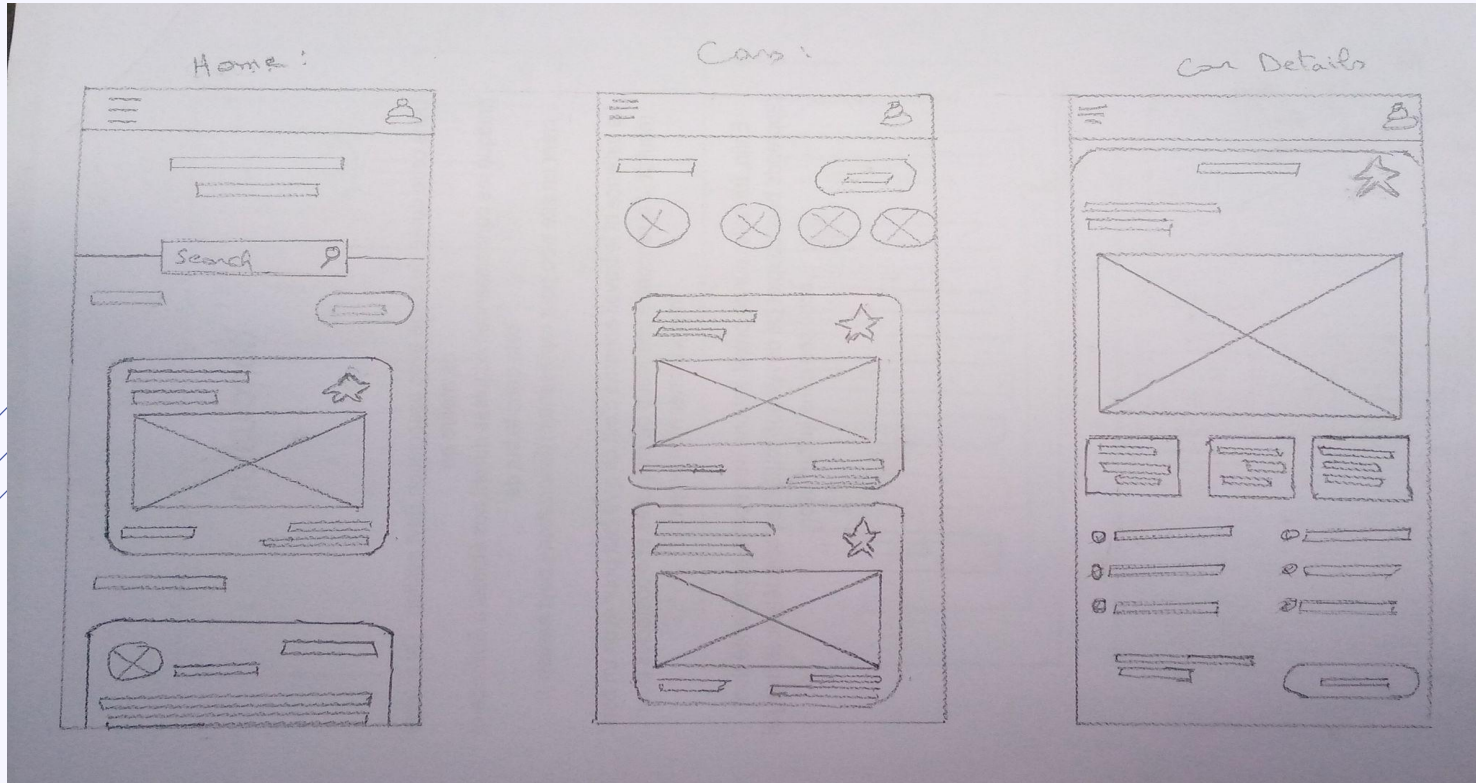
Reserver Voitures

The background features abstract geometric patterns in the corners, consisting of thin blue lines, dots, and concentric circles. The top-left corner has a cluster of lines and dots. The top-right corner has a circle with a dot inside and a line with a dot. The bottom-left corner has a circle with a dot inside and a line with a dot. The bottom-right corner has a circle with a dot inside and a line with a dot.

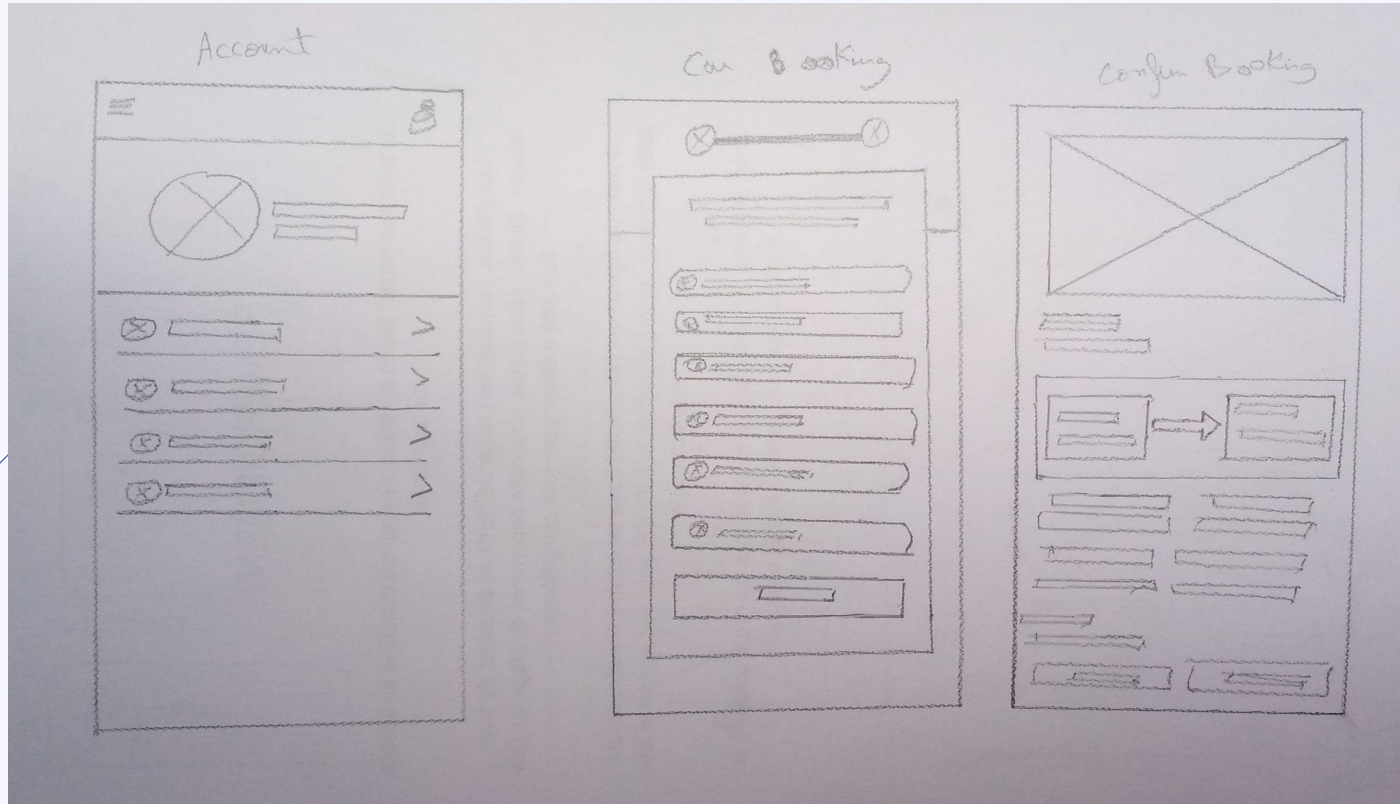
04

PROTOTYPE

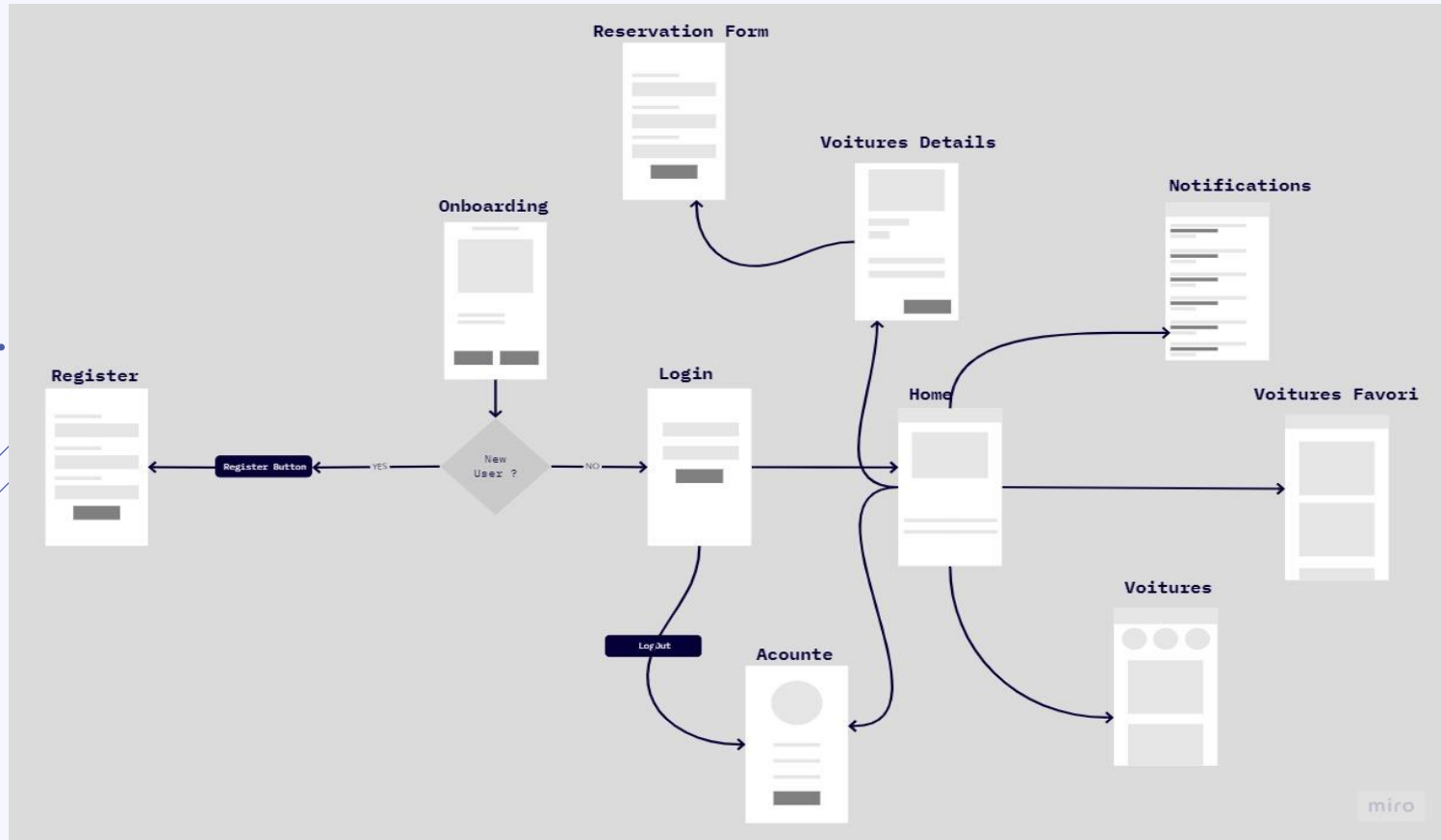
WIREFRAMES (1)



WIREFRAMES (2)



Arborescence de l'application



CAS D'UTILISATION

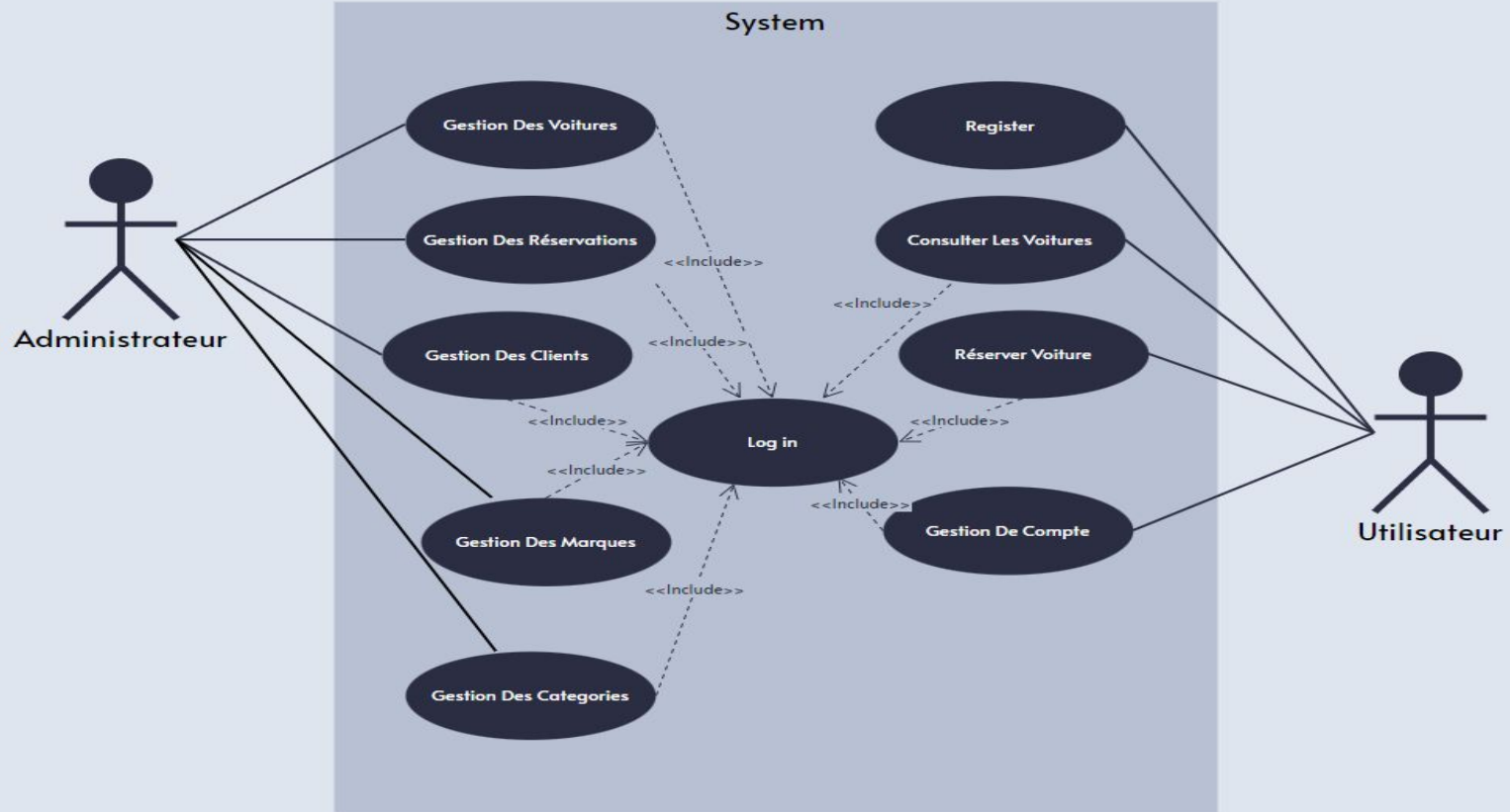
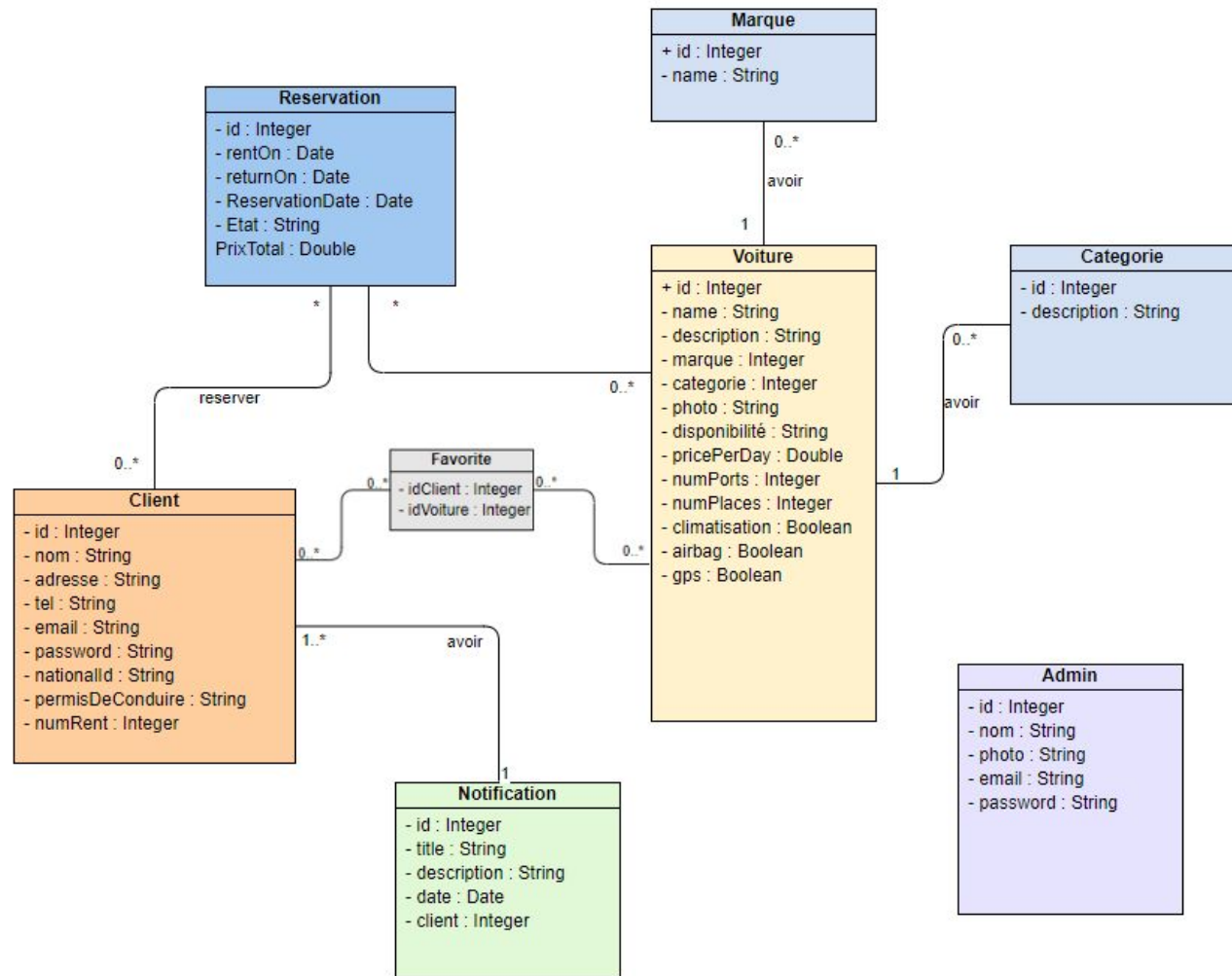


DIAGRAMME DE CLASSE

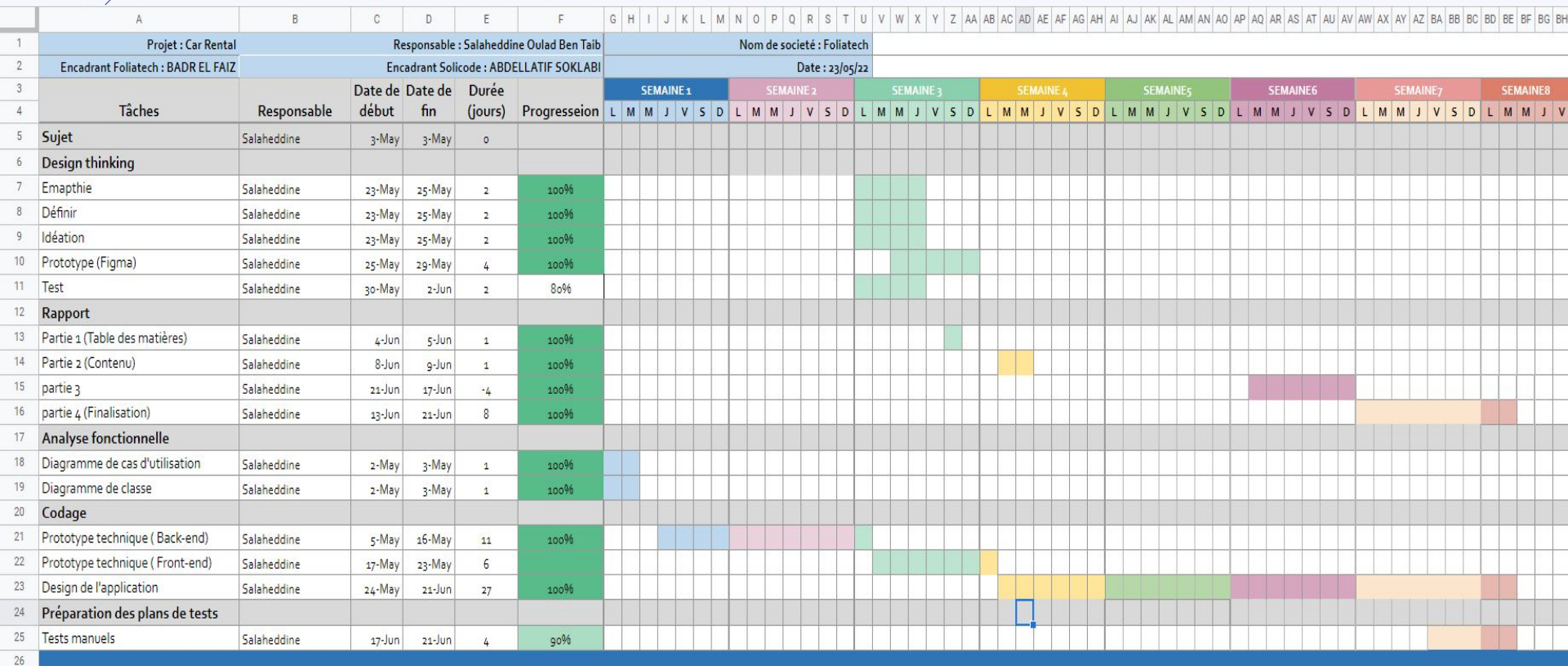


GESTION PROJET

La gestion de projet sont l'ensemble des activités visant à organiser le bon déroulement d'un projet pour atteindre les objectifs .



DIAGRAMME GANTT



ANALYSE TECHNIQUE

Langages de programmation

Partie Front - end :

HTML - CSS - SCC - TYPESCRIPT - ionic - angular

Partie Back - end :

MySQL - PHP

Outils de développement

Éditeur de texte :

Visual Studio Code



100

The diagram illustrates the three steps of the car rental process, each represented by a numbered box with a car icon and a description of the step.

- 01 CAR RENTAL**
Klient dodir no kavenimamung all labore
tanggap di Jeddah-renture iduram staf, jasta
ulir diyor amnet vil baas bod
- 02 ONLINE RESERVATION**
Klient dodir no kavenimamung all labore
tanggap di Jeddah-renture iduram staf, jasta
ulir diyor amnet vil baas bod
- 03 CAR INSPECTION**
Klient dodir no kavenimamung all labore
tanggap di Jeddah-renture iduram staf, jasta
ulir diyor amnet vil baas bod



Your Name

Your Email

Subject

Message

Send Message

Head Office

123 Street, New York, USA

Branch Office

123 Street, New York, USA

Customer Service

customer@yourangle.com

Referrals & Refund

referrals@yourangle.com

123 Street, New York, USA
+012 345 67890
info@company.com

Volupt amet, magna cilia tempor. Tempor sea eoa vero ipsum. Lorem ipsum sit, sed eir et sed kasd et

[SIGN UP](#)

Lorem sit sed eir et kasd et



Recent Favorites

New

id18887616_carrantal

New

admin

Columns

New

email

firstName

id

lastName

password

photo

Indexes

cars

Columns

New

Airbag

AirConditioner

BagsNumber

Bluetooth

CarType

Color

Description

Fuel

GPS

ID

IdCategorie

IdMarque

KM

Name

NumbreDoors

Photo

PlaceNumber

PricePerDay

Statut

Indexes

Triggers

New

AddNotification

categories

Columns

New

Description

ID

Indexes

clients

Columns

New

Adresse

Created

Email

ID

IdentityPhotoBack

IdentityPhotoFront

Name

NationalID

NumPermis

NumPhone

NumRents

Password

PermisPhotoBack

PermisPhotoFront

Photo

Indexes

marques

Columns

New

ID

Libelle

Photo

Indexes

notifications

Columns

New

dateTimeNotification

description

id

idClient

title

Indexes

reservations

Columns

New

Etat

ID

IdCar

IdClient

PriceTotal

RentDurationDay

RentOn

ReservationDate

ReturnOn

Indexes

Triggers

New

AddNotificationReservatio

IncrementNumRentClient

Cars Management

ADD CAR

Search Car

ALL



Kia Niro Hybride BVA

Renting a Citroën C3 offers you the opportunity to combine the function...

DETAILS

DELETE

UPDATE



Peugeot 308

Renting a Citroën C3 offers you the opportunity to combine the function...

DETAILS

DELETE

UPDATE



Hyundai i10 Auto

Renting a Citroën C3 offers you the opportunity to combine the function...

DETAILS

DELETE

UPDATE



Hyundai modèle 2019

Renting a Citroën C3 offers you the opportunity to combine the function...

DETAILS

DELETE

UPDATE



Peugeot 208

Renting a Citroën C3 offers you the opportunity to combine the function...

DETAILS

DELETE

UPDATE




Dacia Logan Diesel


VW Polo is a great little car. A compact model specially designed for urb...


DETAILS


DELETE


UPDATE


 CAR RENTAL

 Dashboard

 Voitures


 Reservations

 Clients

 Profile

Car Rental Management System

ADD CAR



NOT RENTING

Kia Niro Hybride BVA

Renting a Citroën C3 offers you the opportunity to

DETAILS

DELETE

UPDATE

×

Add Car :

Name :

Choose Photo :

Choose File

No file chosen

Color :

Door Number :

Place Number :

Options :

☐ AirBag

☐ Bluetooth

☐ Air-Conditionner

☐ GPS

KM :

Bags Number :

Category :

Price Per Day :

Statue :

Fuel :

☐ Diesel

☐ Essence

☐ Electric

☐ Hybrid


Description :


VALIDATE


CANCEL

LOG OUT

Search Car







NOT RENTING

Hyundai i10 Auto

Renting a Citroën C3 offers you the opportunity to combine the functionality of a cit...

DETAILS

DELETE

UPDATE



ADD CAR

NOT RENTING



Kia Niro Hybride BVA

Renting a Citroën C3 offers you the opportunity to

DETAILS

DELETE

UPDATE

Update Car :

Name :

Peugeot 308

Choose Photo :

Choose File No file chosen

Color :

Door Number :

4

Place Number :

6

Options :

- ☐ AirBag
☐ Bluetooth
☐ Air-Conditionner
☐ GPS

Statue :

Marque :

PEUGEOT

Fuel :

- ☐ Diesel ☐ Essence ☐ Electric ☐ Hybrid

Description :

Renting a Citroën C3 offers you the opportunity to combine the functionality of a city car with the comfort of a low-consumption five-seater both in the city and on the highway. With on-board computer, ergonomics, electric mirrors and a large boot, the Citroën C3 rental will be the perfect choice if

VALIDATE

CANCEL



KM :

0

Bags Number :

0

Category :

Mid Size

Price Per Day :

360

Search Car



Volkswagen

NOT RENTING



Hyundai i10 Auto

Renting a Citroën C3 offers you the opportunity to combine the functionality of a cit...



DETAILS

DELETE

UPDATE

Reservations Management



Filter

ID	Price Total	Rent On	Return On	Rent Duration Day	Reservation Date	Client	Car	Actions
1	1290 \$	2022-05-19 11:34:19	2022-05-22 11:34:19	0	0000-00-00 00:00:00	genius / /		<div><div>Delete</div><div>Edit</div><div>Détails</div></div>
2	1250 \$	2022-06-02 15:15:44	2022-06-06 15:15:44	5	2022-06-16 14:16:54	salah / null / null		

Items per page: 10 1 - 2 of 2 < >

Clients Management

Filter

Photo	Name	Adresse	National ID	Permis ID	Email	Phone Number	Actions
	Hafid El Fadli	Aliquippa, Pennsylvania(PA), 15001	688-03-XXXX	1205s52drg22	genius@g.g	+212696177555	<div><div>Delete</div><div>Edit</div><div>Détails</div></div>
	Ismail Zekri	Evanston, Wyoming(WY), 82930	510-22-XXXX	EverF33301	salah@g.g	+212643553553	

Items per page: 10 1 - 2 of 2 < >



Admin Profile

Account Details

First name

Valerie

Email address

name@example.com

Password

Enter your password

SAVE CHANGES

Last name

Luna

Phone number

555-123-4567

Confirm Password

Confirm Your Password

Profile Picture



UPLOAD NEW IMAGE

CAR RENTAL



Book Car in Easy Steps

Renting car brings your freedom and we'll help you to find the best car for you at great price.



Trust by milion customers .

[Sign In](#)

[Register](#)




Car Rental

Hello Again !

Sign in to discover amazing cars you like !

 Enter Your Email

 Enter Your Password

[Sign In](#) 

OR


[Don't Have An Account ? Sign Up](#)



Car Rental


New User !


Fill details and start renting your favcars !


 Enter Your Full Name

 Enter Your Phone Number

 Enter Your Email

 Enter Your Password

 Confirm Your Password

[Continue](#) 

OR

[Already Have An Account ? Sign In](#)



Popular Renters

[See All](#)

Kia Niro Hybride BVA



Mid Size



4



Manual

\$650/Day

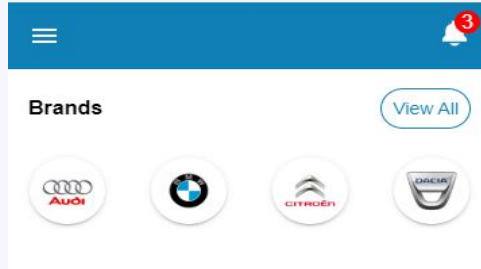
Customers Says



Touseeq Ijaz



Lorem ipsum dolor sit, amet consectetur adipiscing elit. Itaque sunt, repudiandae sed eveniet a ad iste sint vel, libero vero magni perferendis quia commodi doloremque culpa veniam distinctio odio rerum.



Brands

[View All](#)

Kia Niro Hybride BVA



Mid Size



4



Manual

\$ 650/Day

Hyundai i10 Auto



Coupe



4



Auto

\$ 546/Day

Hyundai modèle 2019



Kia Niro Hybride BVA

Mid Size



Car Specs

max-power

100
hp

0 - 60 mph

4.4
sec

Top Speed

177
mph

Car Info



4 Passengers



5 Doors



Air Conditioning



Manual



Unlimited Milieage



Diesel: Full to Full



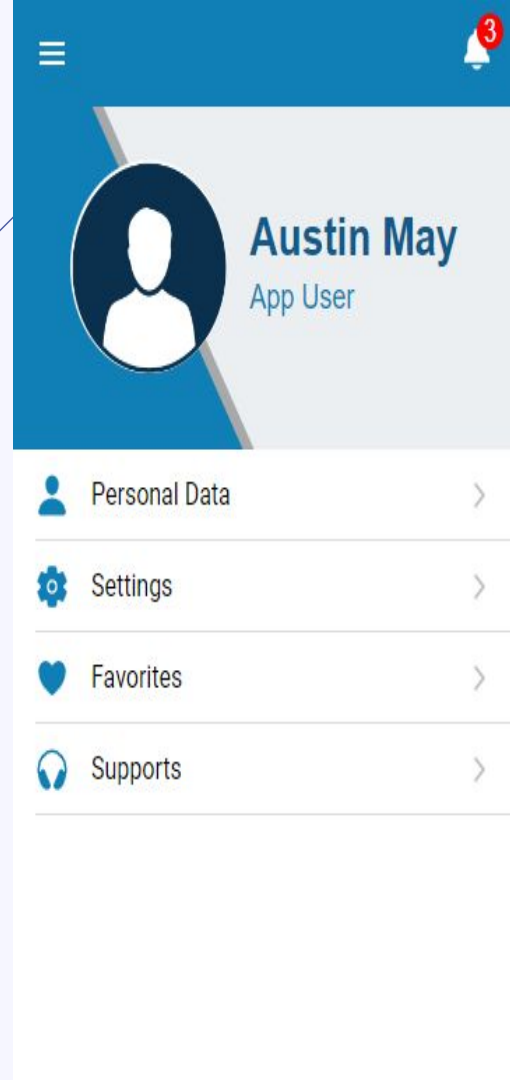
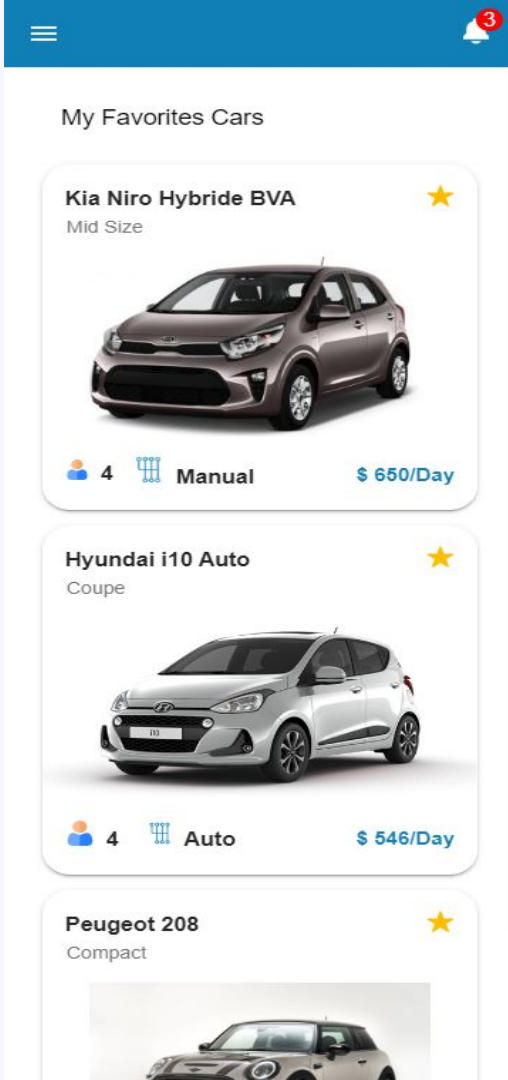
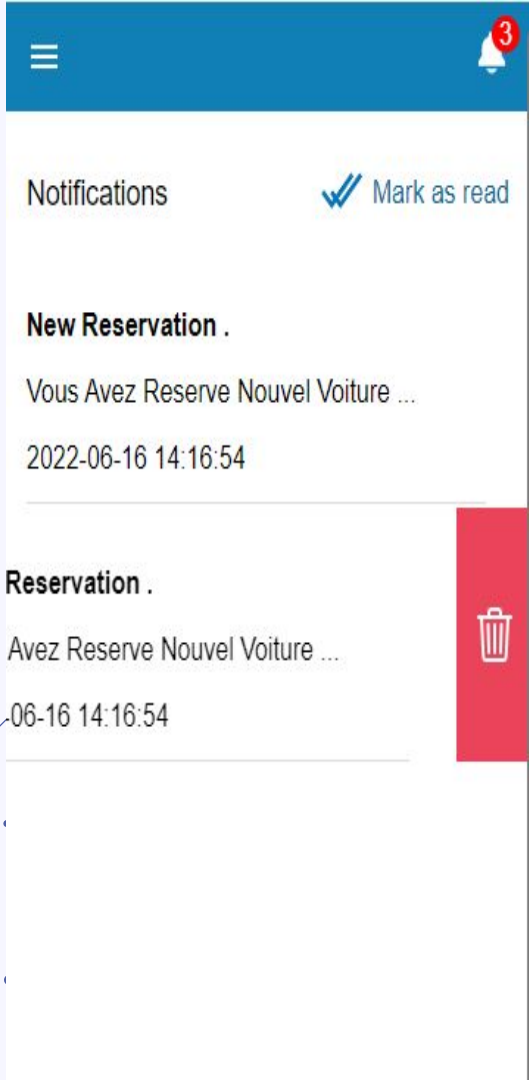
With GPS

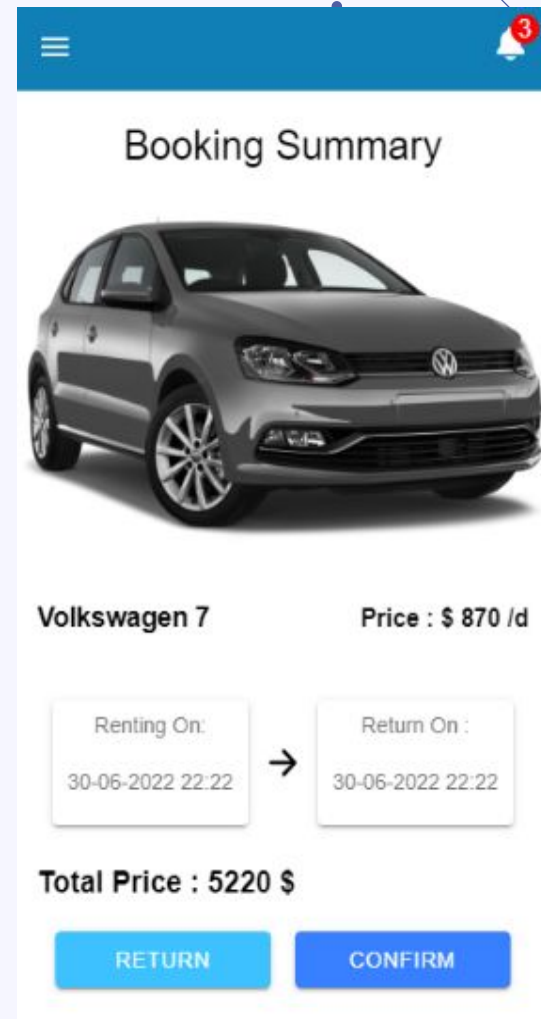
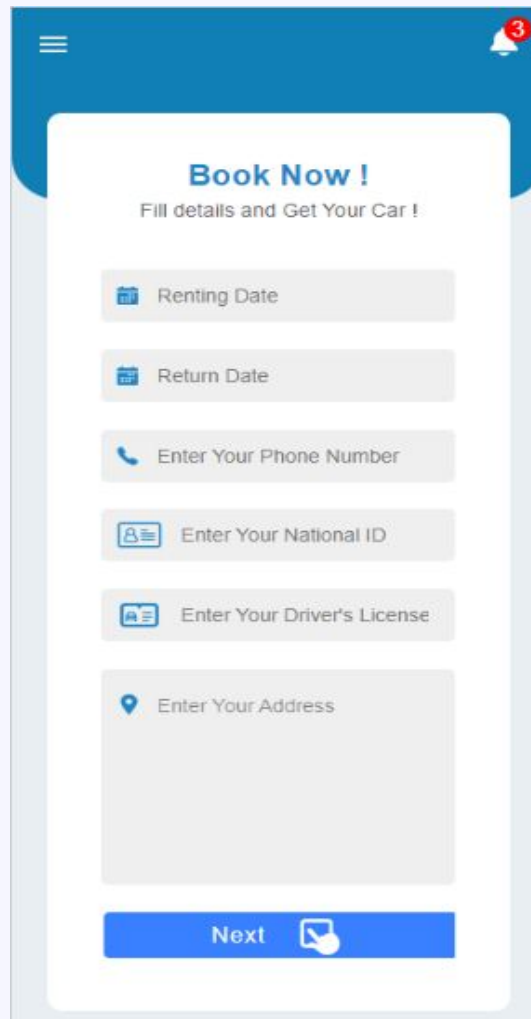
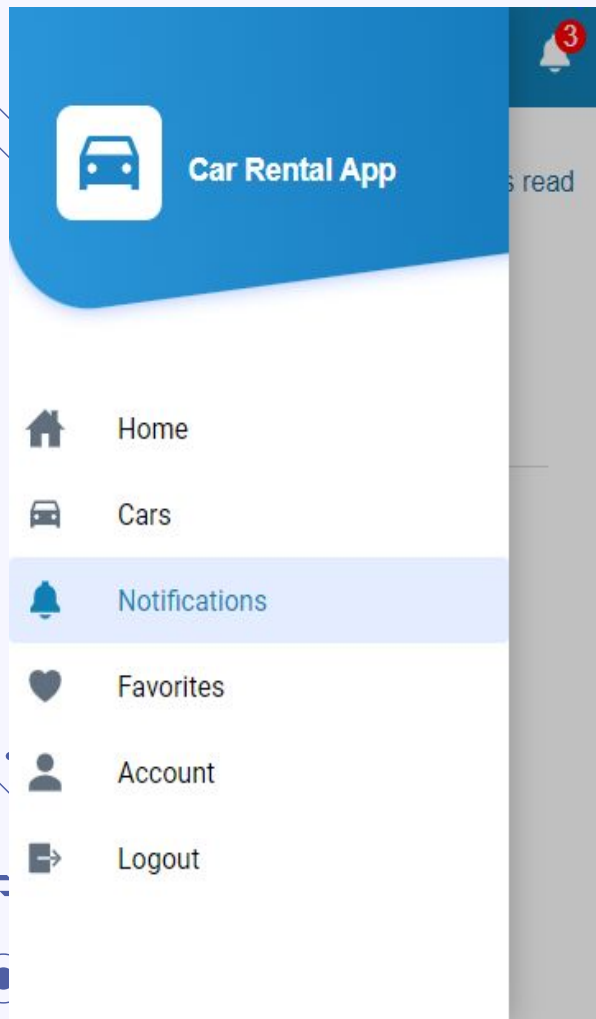


With Airbag

Price : 650 \$/d

[Book Now](#)





The background features abstract geometric patterns in a light blue color. These patterns consist of various line segments, dots, and small circles, some of which are arranged in a way that suggests a circuit board or a network diagram. The patterns are located in the corners and along the edges of the page, framing the central text.

REALISATION

The background is a light blue gradient. It features several abstract geometric elements in a darker blue color. In the top-left corner, there is a small circle with a dot inside, and a line segment with a dot at its end. In the bottom-left corner, there are several parallel lines and a series of dots. In the bottom-right corner, there are more parallel lines and a small circle with a dot inside. The central text 'MERCI !' is in a bold, sans-serif font.

MERCI !