# Sri Lanka Institute of Information Technology



**Assignment 1** 

MLB\_03.01\_05

# Vehicle Rental System

1<sup>st</sup> year / 2<sup>nd</sup> semester 2021 / July
Internet and Web Technologies – IT1100
B.Sc. (Hons) in Information Technology

# **Group Details**

Group Number: MLB\_03.01\_05

Project topic: Vehicle Rental System

	Student ID	Student Name	E- mail	Contact number
01.	IT21021916	P. D. R. L. Panditharathne	it21021916@my.sliit.lk	0776455297
02.	IT21024368	P.V. Thushan	it21024368@my.sliit.lk	0772940951
03.	IT21028878	D.A.M.N. Kulasekara	it21028878@my.sliit.lk	0773318219
04.	IT21032288	D.D.H.I Saparamadu	it21032288@my.sliit.lk	0705947815
05.	IT21034404	P.G.I. Nipun	it21034404@my.sliit.lk	0704003162

# Introduction

THE VEHICLE RENTAL SYSTEM is a web-based system for a vehicle rental firm. This method allows the firm to make its services available to the public over the internet while also keeping track of its performance.

The world has evolved into a place of rapid technological advancement. Therefore, everything is done in digital form. As a result, we may find all kinds of websites that provide all the details we want.

Many people's plans to travel or move from one location to another for business or personal reasons, tours, visits, or holidays necessitate the use of a vehicle. Due to these reasons, car rental is quite beneficial.

We are developing this vehicle rental system as an Assignment of Internet and web technologies module. So far, we have only done the drafting of the grant system. We hope to create a more creative and usable vehicle rental system at the end of the semester.

# **Individual Contribution**

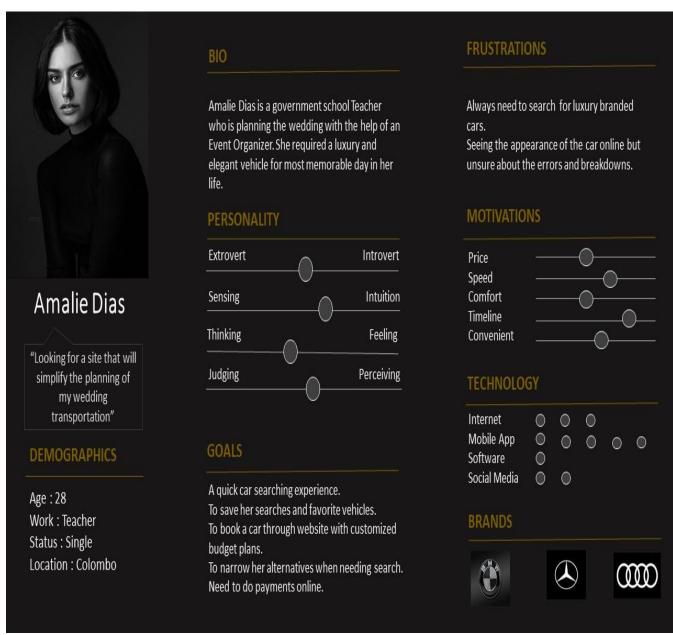
	Student ID	Student Name	Task
01.	IT21021916	P. D. R. L. Panditharathne	<ul> <li>Admin Login</li> <li>Admin Panel         <ul> <li>Admin can view and edit users</li> <li>Admin can add vehicles</li> <li>Admin can manage bookings</li> </ul> </li> <li>Home page</li> </ul>
02.	IT21024368	P.V. Thushan	<ul> <li>Customer Management         <ul> <li>Customer registration</li> <li>Customer's profile management</li> </ul> </li> <li>Registration interface</li> <li>User logging</li> <li>Contact us</li> </ul>
03.	IT21028878	D.A.M.N. Kulasekara	<ul> <li>Drivers' registration</li> <li>Driver's profile management</li> <li>About us</li> </ul>
04.	IT21032288	D.D.H.I Saparamadu	<ul><li>Booking vehicle</li><li>Purchase history</li><li>FAQ</li></ul>
05.	IT21034404	P.G.I. Nipun	<ul> <li>Vehicle fleet</li> <li>Display vehicles</li> <li>View vehicle details</li> <li>Display vehicles after searching</li> </ul>

## Personas

#### Student 1

Name: P. D. R.L. Panditharathne

ID: IT21021916



Name: P.V. Thushan

ID: IT21024368

# **Malinda Dissanayake**



"I'm looking for website to travel rural areas without stress"

Name : Malinda Dissanayake
Age:31
Location: Colombo
Work as: Professional Wildlife
Photographer
Status: Single



## MOTIVATIONS

CONFORTABILITY



CONVENIENCE



SAFETY



PRICE



### PREFERRED CHANNELS

SOCIAL MEDIA
MOBILE APPS

#### BIO

Malinda is a leading photographer in Sri Lanka. he travels around Sri Lanka to require valuable pictures. He exports valuable photos to overside countries. Since he was a child, he loved to study wildlife and the environment. His father is a cameraman and a businessperson. He was the student who took the best photo at school. He does not wish to drive vehicles. So, he uses a taxi service to achieve his destination.

#### Frustrations:

- Too several websites visited per trip.
- Sometimes cannot realize a vehicle for carrying instrumentation.

#### GOALS:

- Travel rural areas.
- Travel quickly to the destination once required.
- To reach the destination effortlessly.



Name: D.A.M.N. Kulasekara

ID: IT21028878



"I am keeping my eyes open for better opportunities. I consider about salary, working hours, benefits, rules and company support."

- Age: 24
- Work: Taxi driver
- Marital Status: Unmarried
- Location: Piliyandala

# Shamal Aravinda

# Bio

Shamal is a taxi driver. He started driving after school because of he wanted to make money early. He has clean driving records. He also like driving and he enjoys driving.

# Personality

- Loyal
- Careful
- · Responsible

# Goals

- Work with one company
- Earn good salary
- Better benefits





# **Preferred Channels**









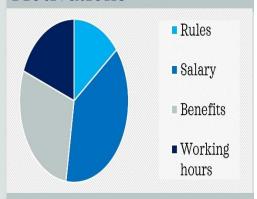
- News papers
  - Online advertisements

# Frustrations

- Poor company support
- Uncertainty in employment
- Too much working hours



# Motivations



# Technology

- Internet
- Applications
- Websites



# Brands







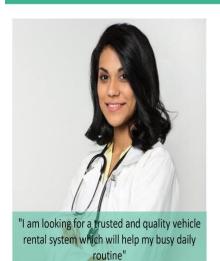




Name: D.D.H.I Saparamadu

ID: IT21032288

# SHELIKA FERNANDO



Age 40

Role Physician

Location Colombo

**Education Medicine** 

Family Married

#### About

Shelika Fernando is a physician of intensive care unit in Colombo general hospital. Even having a stressful and busy lifestyle she values her family responsibilities. She takes her children to school as well as to tuition classes and, she doesn't like to take stress to home. She like to be relaxed except in her working hours. So, she likes to use a taxi service for her daily traveling than driving

#### Goals

- · Caring about her children
- · Get better sleep on the way home
- Release stress
- To spend less time to rent a vehicle

#### Frustration

- · Too much payment daily for cabs and taxies
- · Safety relies on another person

#### Personality

- Active
- Tidy
- Loyal

#### Technology

Mobile

Social Media

#### Motivations

Price

Facilities

Safety

#### **Brands**





Name: P.G.I. Nipun

ID: IT21034404

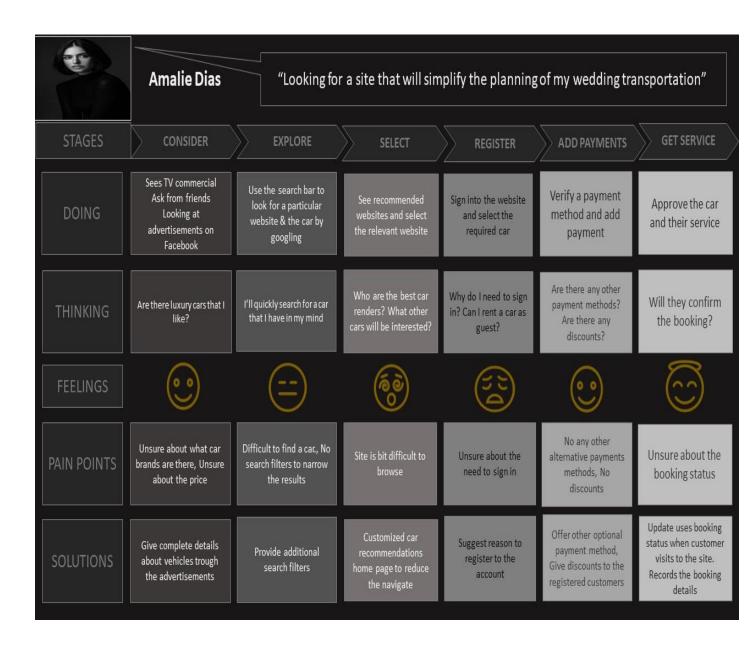


# User journeys

Student 1

Name: P. D. R.L. Panditharathne

ID: IT21021916



Name: P.V. Thushan

ID: IT21024368



# Malinda Dissanayake

'm looking for website to travel rural greas without stress"

Name: D.A.M.N. Kulasekara

ID: IT21028878

# Working as a Driver



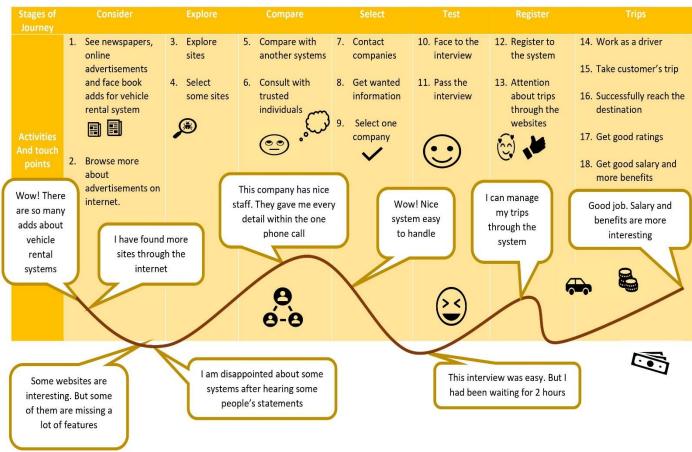
#### **Shamal Aravinda**

Shamal is a taxi driver. He has clean driving records. He also like driving and he enjoys driving.

- Age: 24
- Work: Taxi driver

#### Expectation

- Work with one company
- Earn good salary
- Better benefits



Name: D.D.H.I Saparamadu

ID: IT21032288



#### Shelika Fernando

- Work as a physician age: 40
- She doesn't like to use her own car because she more cares about her relaxation.
- Usually, she takes a taxi for her day today travels.

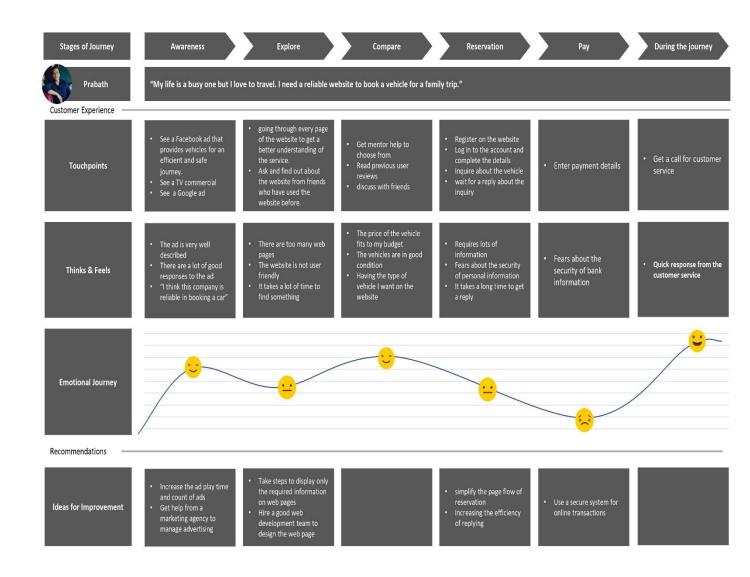
#### Expectations:

- Find and rent a taxi easily
- · Comfortable journey with a taxi in a good condition.

Journey	Consider	Explore and compare	Booking	In Route	Destination /Give feedbacks
Action	Search in the google "Autowag Vehicle Rental, See Ads on Facebook, Send a request to their Facebook account.	Explore the site and search what are the suitable taxies with a driver for my day today travels, who are the drivers working in "Autowag", see customer reviews and feedback about their rental service and search who are the drivers with top customer feedback.	Sign into the website and create an account, select most suitable taxi with a reliable payment ,find the taxi on the road.	Search ways to inform issues in route.	Pay at the destination, Give comments about their service.
Thinking	Can I find a taxi with a good condition as I expect?	Are their drivers flexible and responsible about their service? Is there any discount if I am using your service most of the days per week ,can I have a loyalty card?.	Is there an available taxi now? Can I get the taxi without delay?	Does the driver have a good awareness about the area I travel? Can reach destination as soon as possible?	Is their service good or bad? Is it comfortable and reliable?
Feeling		(1)	(1)		
Pain points	Time consuming for search, have to try with multiple services.	They don't issue loyalty cards, unsure about the mechanical problems of taxies, all the details I want are not there.	Problems when coordinating the driver and can't find the driver's current location.	Taxi is not tidy, Driver don't know the route, Driver may be rude	Driver doesn't have change, No way to pay via credit cards.
Options	Regularly update the new taxies	Contact the customer service get furthermore details.	See the driver's location accurately.	Drive using the help of GPS, Travel with professional drivers having a good trainee	Having multiple ways to pay.

Name: P.G.I. Nipun

ID: IT21034404



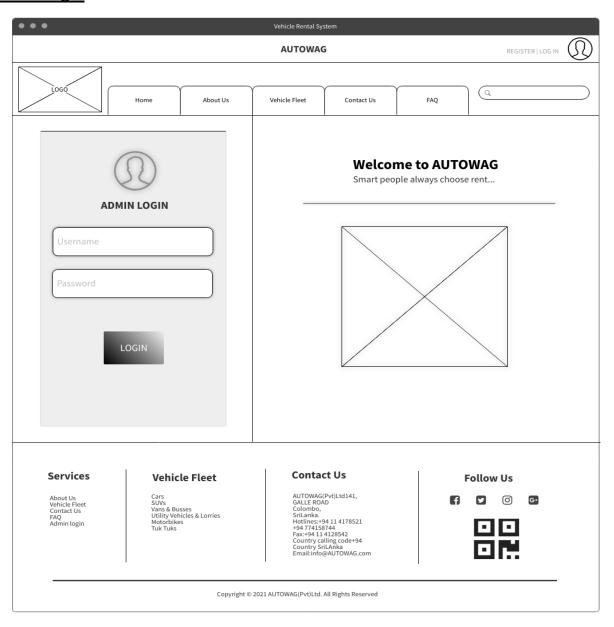
# Wireframes

#### Student 1

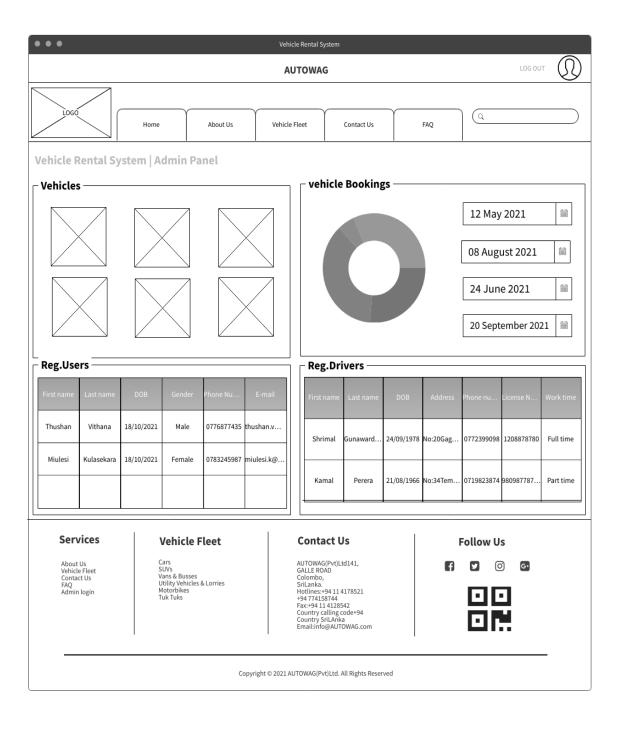
Name: P. D. R.L. Panditharathne

ID: IT21021916

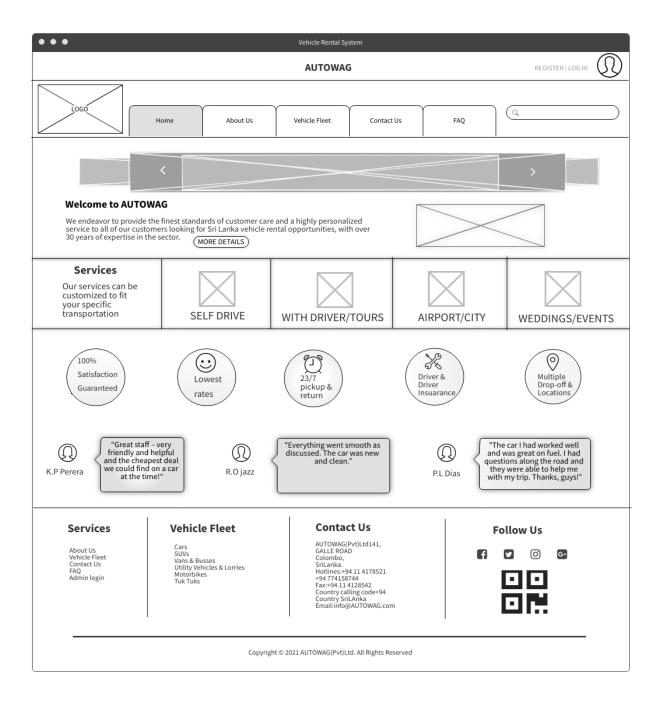
### **Admin login**



### **Admin panel**



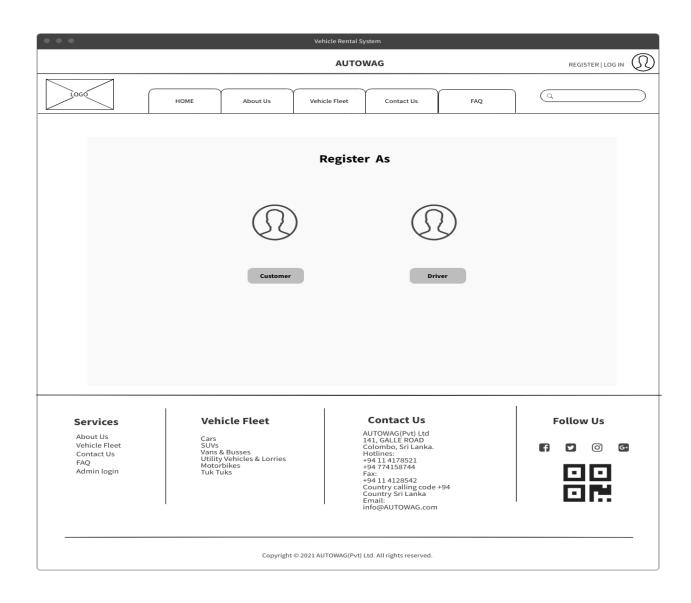
#### Home page



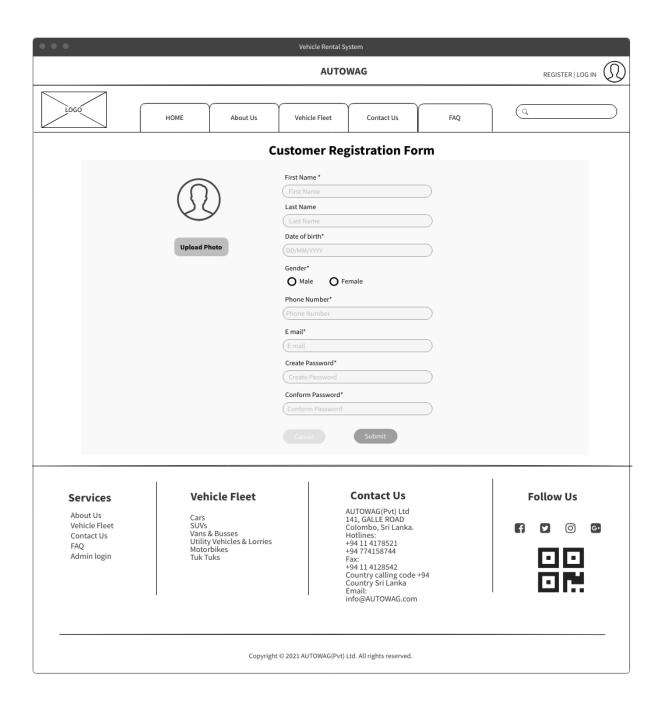
Name: P.V. Thushan

ID: IT21024368

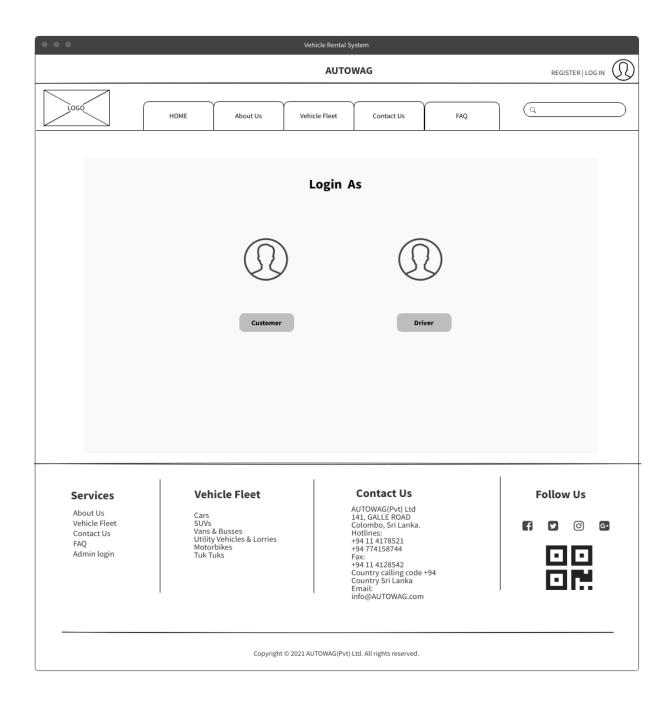
### Register as



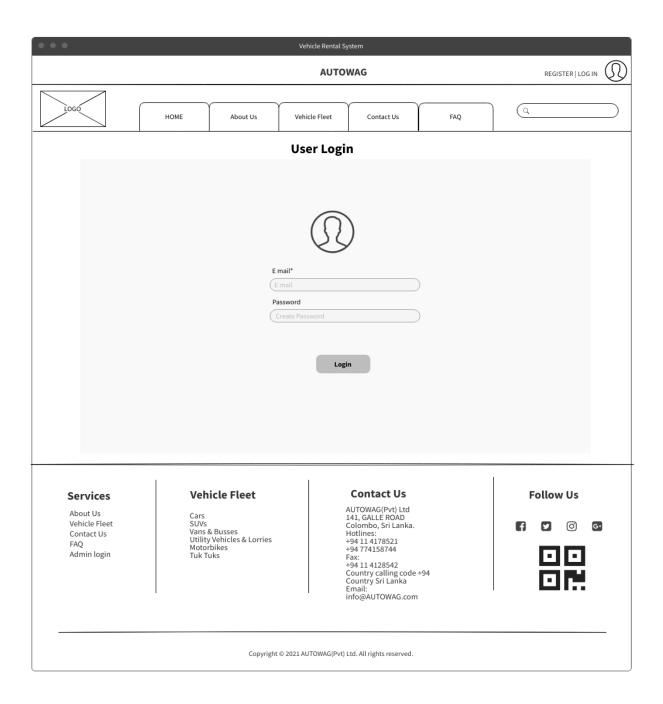
## **Customer registration form**



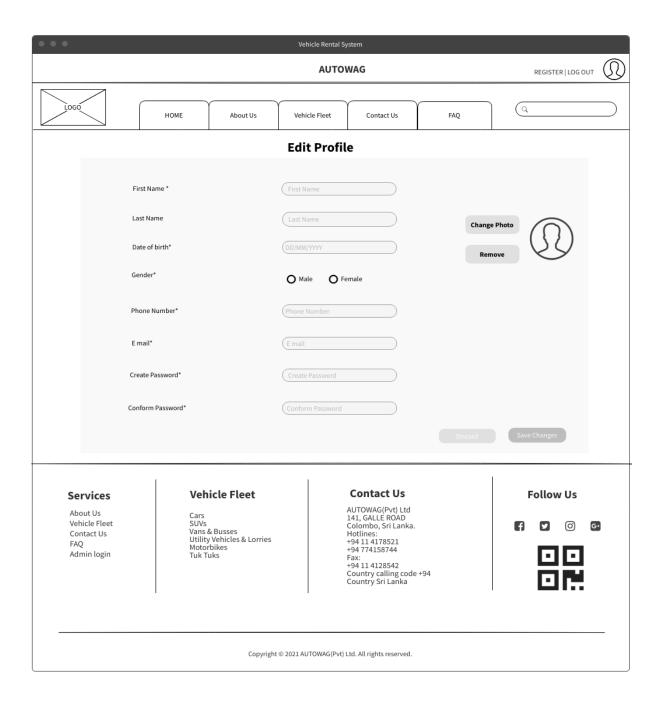
## Logging as



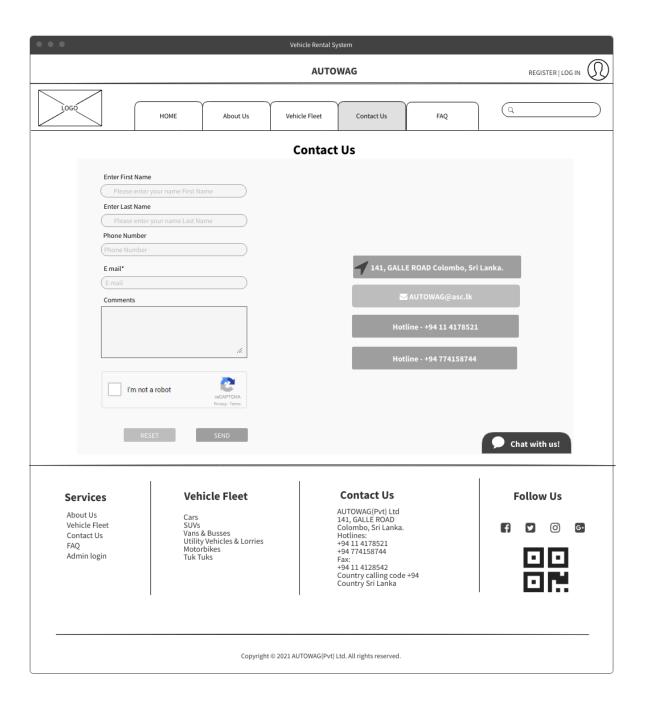
# **User logging**



## **Edit customer profile**



### **Contact us**



Name: D.A.M.N. Kulasekara

ID: IT21028878

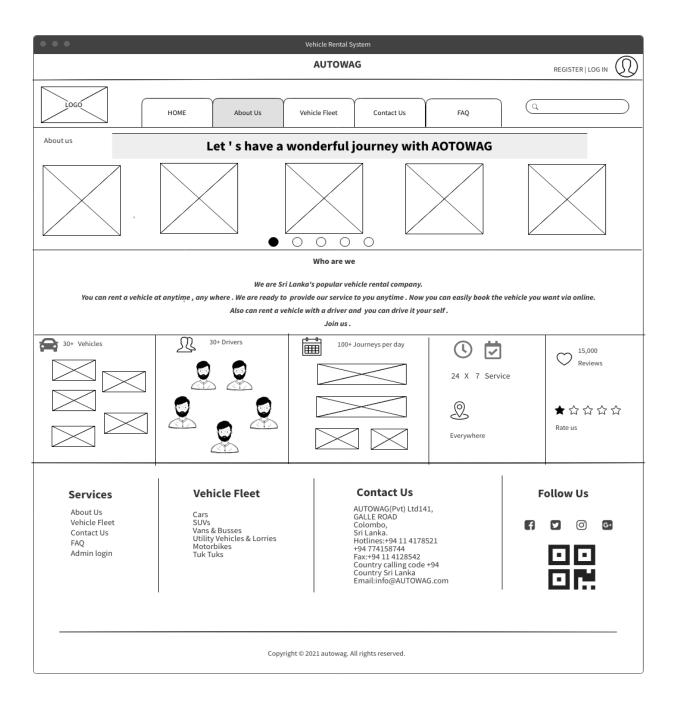
# **Driver's registration**

Vehicle Rental System									
	AUTOWAG REGISTER   LOG IN								
LOGO	НОМЕ	About Us	Vehicle Fleet	Contact Us	FAQ	Q			
Register as a driver									
First name:		Last name	:						
E-mail:									
Password:									
Date of Birth: dd/mm/yy	r	Age:							
Address:									
Phone number:									
Have you worked as a driv	er: Yeş/No								
Your Driving license Numb	er:								
Working time: Full time /	Part time								
Basistan									
Register									
Services	Veh	icle Fleet		Contact Us		Follow Us			
About Us	Cars			AUTOWAG(Pvt) Ltd14 GALLE ROAD	11,				
Vehicle Fleet Contact Us	SUVs Vans	& Busses		Colombo, Sri Lanka.		f 🔽 💿 🙃			
FAQ Admin login	Moto	/ Vehicles & Lorries rbikes		Hotlines:+94 11 4178 +94 774158744	521				
Adminitogni	Tuk T	uks		Fax:+94 11 4128542 Country calling code	+94	쁘쁘			
				Country Sri Lanka Email:info@AUTOWA	G.com				
		Copyright	© 2021 AUTOWAG(Pvt) L	td. All rights reserved					
		copyright.							

# Edit driver's profile

Vehicle Rental System						
		AUTOWAG	REGISTER   LOG OUT			
L060	HOME About Us Veh	icle Fleet Contact Us FAQ	Q			
Edit your profile picture  First Name: Shrimal  E-mail: gunawaradhana76@g  Password:  Date of birth: 24/09/1976  Address: No:20, Gaga para, Si  Phone number: +947724530082  Your Driving license Number: 120  Work time: Full time  Edit my profile	Age: 44	5.00am  12/08/2021 Lassana Vila Hotel 10.00am  21/08/2021 Kalubovila Hospital 7.00am  25/08/2021 Galle 4.00am	View more View more View more			
Services  About Us  Vehicle Fleet  Contact Us  FAQ  Admin login	Vehicle Fleet  Cars SUVs Vans & Busses Utility Vehicles & Lorries Motorbikes Tuk Tuks	Contact Us  AUTOWAG(Pvt) Ltd141, GALLE ROAD Colombo, Sri Lanka. Hotlines:+94 11 4178521 +94 774158744 Fax:+94 11 4128542 Country Calling code +94 Country Sri Lanka Email:info@AUTOWAG.com	Follow Us  FOLIOW Us			
	Copyright © 2021 A	UTOWAG(Pvt) Ltd. All rights reserved.				

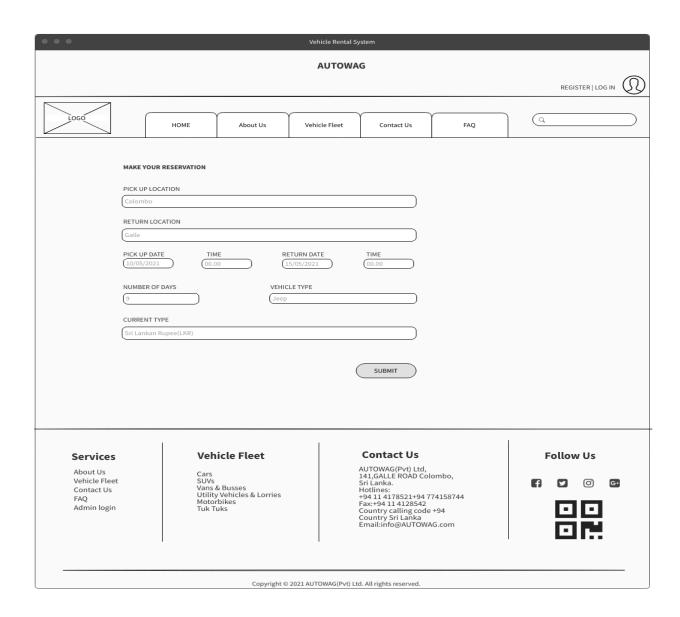
### **About us**



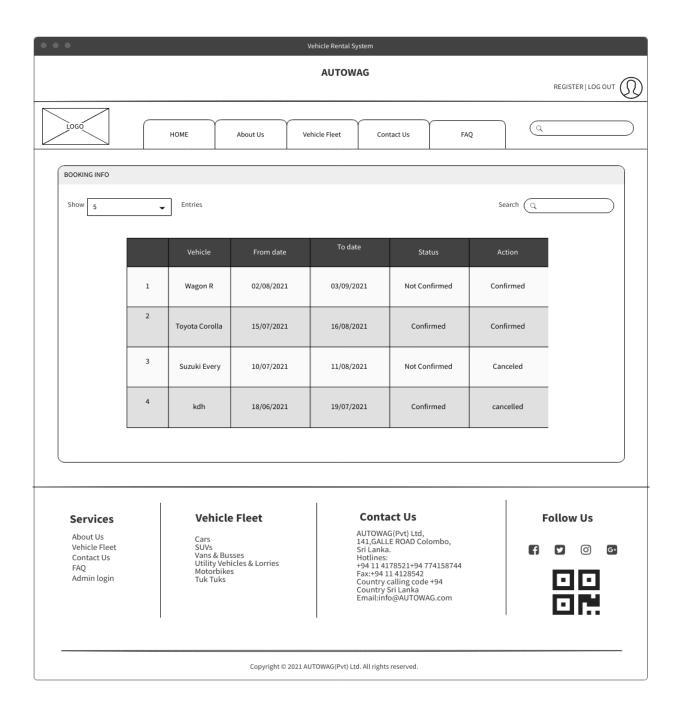
Name: D.D.H.I Saparamadu

ID: IT21032288

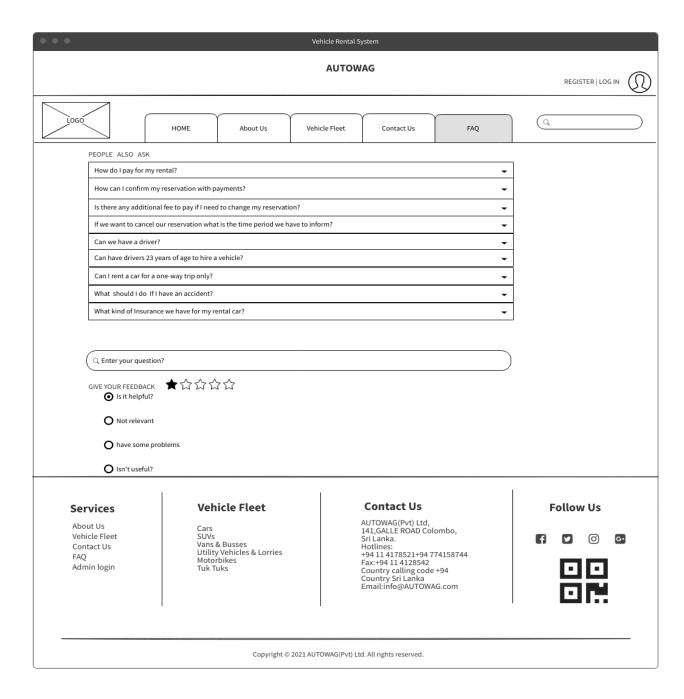
## **Booking vehicle**



## **Purchase history**



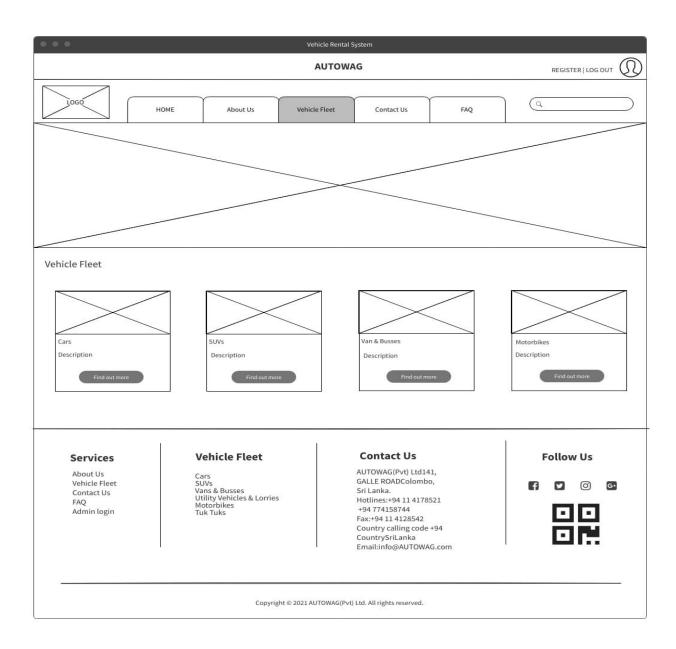
### **FAQ**



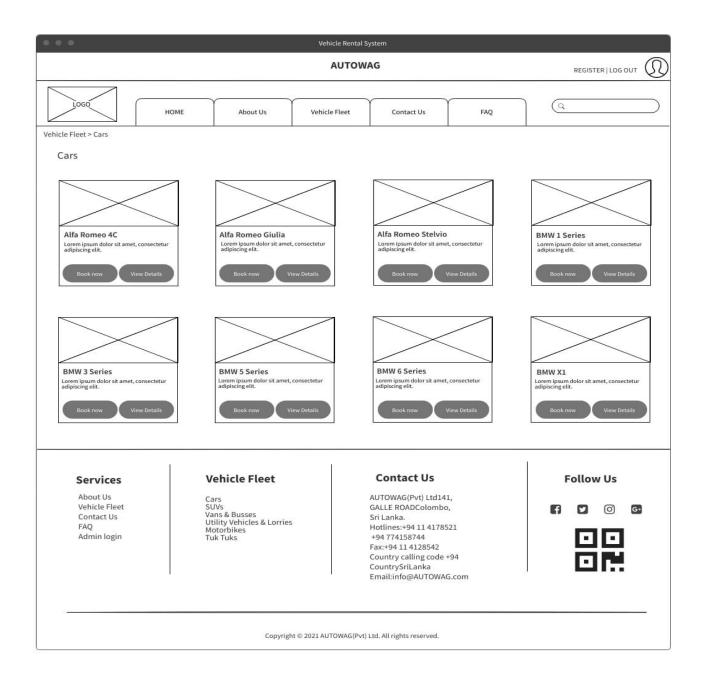
Name: P.G.I. Nipun

ID: IT21034404

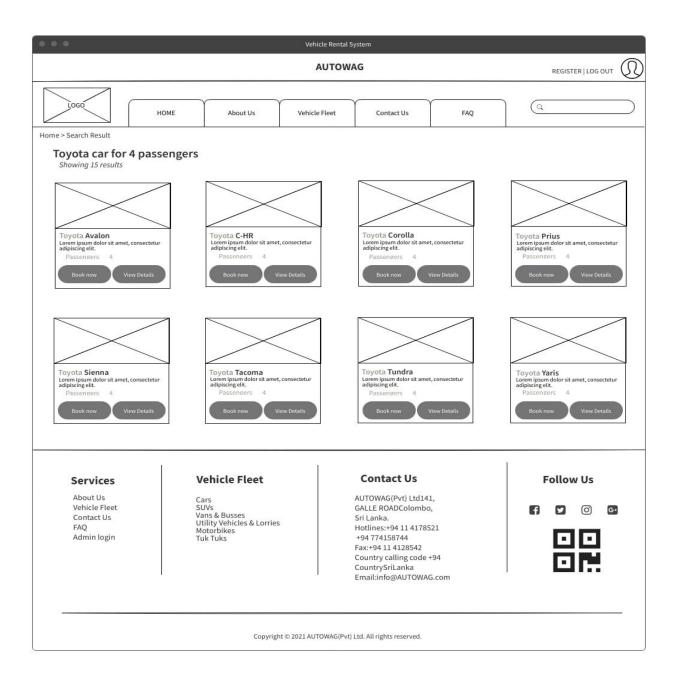
## **Vehicle fleet**



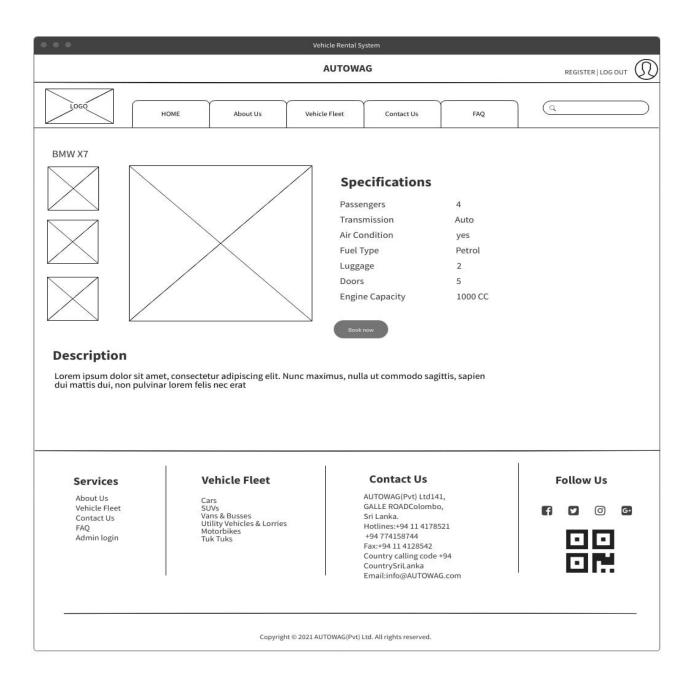
## **Display vehicles**



### Display vehicles after searching



### **Display vehicle details**



# Marks

	MLB_03.01_05
Group ID	
Evaluator	

	Student ID	Total Marks
1	IT21021916	
2	IT21024368	
3	IT21028878	
4	IT21032288	
5	IT21034404	

	Student ID	1	2	3	4	5
	Personal details (03 marks)					
Task one Identifying	Background (03 marks)					
five personas	Goals (03 marks)					
	Completeness (01 mark)					
Total out of 10 (Task 1)						

Task two User journey for each	Correct flow to achieving the goal (05 marks)			
persona	Diagram notations and labeling			
	(05 marks)			
Total out of 10 (Task 2)				

	Complete Wireframe for the website (05 marks)	
Task three	Static pages (at least two pages) (05 marks)	
Complete wireframe	Dynamic content (at least two pages) (2* 5 = 10 marks)	
(At least five)	Multimedia content (correct use of multimedia) (05 marks)	
	Proper navigation mechanism (05 marks)	
Total ma		

Comments:			

Task two User journey for each	Correct flow to achieving the goal (05 marks)			
persona	Diagram notations and labeling			
	(05 marks)			
Total out of 10 (Task 2)				

Task three Complete wireframe (At least five)	Complete Wireframe for the website (05 marks)	
	Static pages (at least two pages) (05 marks)	
	Dynamic content (at least two pages) (2* 5 = 10 marks)	
	Multimedia content (correct use of multimedia) (05 marks)	
	Proper navigation mechanism (05 marks)	
	Total out of 30 (Task 3)	
Total ma	rks (out of 50)	

Comments:			