

Sri Lanka Institute of Information Technology



Assignment 1

MLB\_06.02\_07

## **Vehicle Insurance Management System**

**Internet and Web Technologies – IT1100**

B.Sc. (Hons) in Information Technology

### Group Details

Group Number: **MLB\_06.02\_07**

Project Title: **Vehicle Insurance Management System**

	<b>Student ID</b>	<b>Student Name</b>	<b>Email</b>	<b>Contact Number</b>
1	IT23270374	K.G.G.V.JAYASEKARA	it23270374@my.sliit.lk	0773634440
2	IT23268876	S.A.D.A.IMANTHA	it23268876@my.sliit.lk	0779121240
3	IT23278462	H.P.T.T.D.KARUNARATHNA	it23278462@my.sliit.lk	0701681223
4	IT23278608	H.R.S.SANDEEPA	it23278608@my.sliit.lk	0705214607
5	IT23284234	R.N.DHANUSHKA	it23284234@my.sliit.lk	0762898155

## **1. Introduction**

Our project is based on consumer base to show interest in auto insurance. Our target priority was mainly focused on enabling busy customers to get their auto insurance done quickly and easily without going to the offices and thereby generate some profit for the sellers on the web.

We took into account the difference between static and dynamic web pages and the tasks related to all the processes related to website design and creation. Through this, we were able to get a clear understanding of the areas that need to be improved in creating a website and our team It was initiated.

### **Advantages of the system.**


- Easy to get insurance.
- Save the time and money.
- No need to do bunch of paperwork.
- We can solve problem about our insurance quickly and easily.
- We can maintain our insurance data easily.

### **Features of the system.**

- User can easily login in the web and get the insurance.
- User can easily be informed about his vehicle insurance.
- Easy to maintain their data.

## 2. Personas

- System Administrator – Design and maintenance of the website.

Vehicle Insurance Management System	
	<b>Name :</b> Akila Imantha
	<b>Age :</b> 30
	<b>Motivation :</b> Ensure high system availability and reliability.
	<b>Goal :</b> Ensure the security and integrity of the system and its data.
	<b>Technical Ability :</b> Proficiency in database management.

# SYSTEM ADMINISTRATOR

Design and Maintenance of the Website



## MOTIVATIONS

- Improving System Efficiency
- Enhancing Data Security
- Delivering Exceptional User Experience



**AKILA IMANTHA**  
System Administrator

<b>AGE</b> 30	<b>GENDER</b> Male
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## GOALS

- System Stability and Reliability
- Scalability and Growth
- Continuous Improvement and Innovation





## TECHNICAL ABILITIES

- Network Administration
- Database Management
- System Monitoring and Troubleshooting

1

- Customer 1 – Get the Insurance

Online Car Insurance System for Customers	
	<b>Name :</b> Gayan Vimukthi
	<b>Age :</b> 35
	<b>Motivation :</b> Get the Insurance Easily and quickly
	<b>Goal :</b> Get the vehicle insurance for his new car
	<b>Technical Ability :</b> Experience using Online insurance




### MOTIVATIONS

- Get the Insurance Easily and quickly
- Protection and Security
- Risk Mitigation

## CUSTOMER 01


Get the Insurance



**GAYAN VIMUKTHI**  
Get the Insurance


AGE  
35

GENDER  
Male



### GOALS

- Get the vehicle insurance for his new car
- Financial Protection
- Coverage Customization





### TECHNICAL ABILITIES

- Experience using Online insurance
- Policy Selection and Comparison
- Claim Filing and Tracking

2

- Customer 2 – Claim the Insurance.

Online Vehicle Insurance Management System	
	<b>Name :</b> Sara Maybach
	<b>Age :</b> 30
	<b>Motivation :</b> Saving time and money
	<b>Goal :</b> Seeks clarity and transparency in understanding her Insurance coverage and claim process
	<b>Technical Ability :</b> Familiar working with tech devices




### MOTIVATIONS

- Saving time and money
- Protection Fulfillment
- Financial Recovery


## CUSTOMER 02

Claim the Insurance




**SARA MAYBACH**  
Claim the Insurance

<b>AGE</b> 30	<b>GENDER</b> Female
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### GOALS

- Prompt Resolution
- Fair Compensation
- Simplified Process





### TECHNICAL ABILITIES

- Familiar working with tech devices
- Documentation Submission
- Online Claim Filing

3

- Customer 3 – Get the insurance

Online Vehicle Insurance System	
	<b>Name :</b> Tharusha Theekshana
	<b>Age :</b> 35
	<b>Motivation :</b> learn more about how to get long vehicle insurances
	<b>Goal :</b> Get the vehicle insurance for his long vehicle
	<b>Technical Ability :</b> Experience using Online insurance platform




### MOTIVATIONS

- learn more about how to get long vehicle insurances
- Protection and Security
- Risk Mitigation

## CUSTOMER 03


Get the Insurance



**THARUSHA THEEKSHANA**  
Get the Insurance


AGE  
35

GENDER  
Male



### GOALS

- Get the vehicle insurance for his long vehicle
- Financial Protection
- Coverage Customization




### TECHNICAL ABILITIES

- Experience using Online insurance platform
- Policy Selection and Comparison
- Claim Filing and Tracking

4



- Insurance company representative

Vehicle Insurance Management System	
	<b>Name :</b> H.R.S.Sandeepa
	<b>Age :</b> 22
	<b>Motivation :</b> Finding customers for the insurance company by fulfilling customer needs.
	<b>Goal :</b> Contacting potential clients, collecting client's information and preparing reports.
	<b>Technical Ability :</b> Designing the marketing strategies.

# INSURANCE COMPANY REPRESENTATIVE



## MOTIVATIONS

- Finding customers for the insurance company by fulfilling customer needs.
- Customer Satisfaction
- Achieving Sales Targets



**H.R.S.SANDEEPA**  
Get the Insurance

<b>AGE</b> 22	<b>GENDER</b> Male
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## GOAL

- Contacting potential clients, collecting client's information and preparing reports.



## TECHNICAL ABILITIES

- Designing the marketing strategies.
- Sales and CRM Systems
- Policy Administration

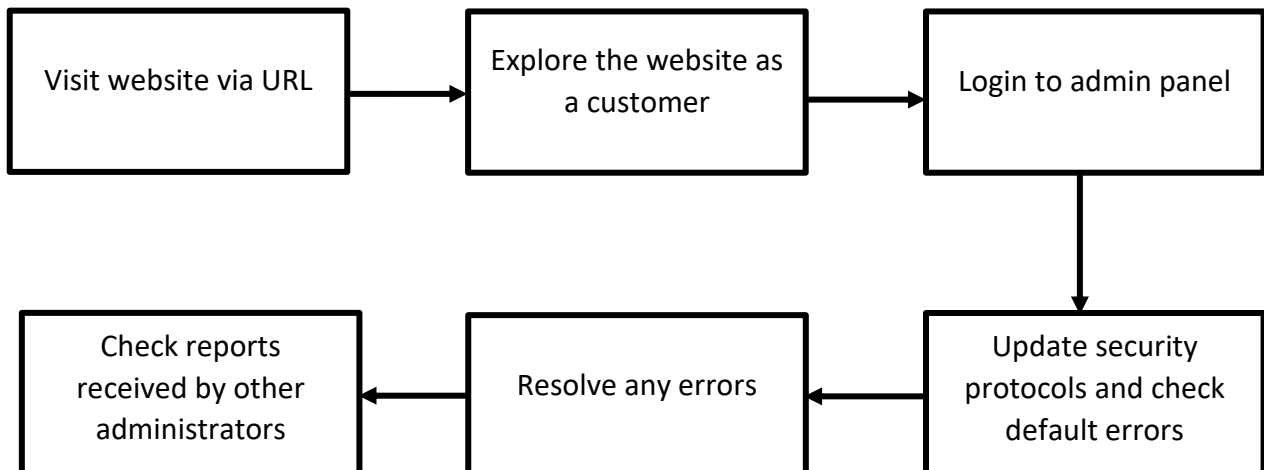
5



### 3. User Journeys

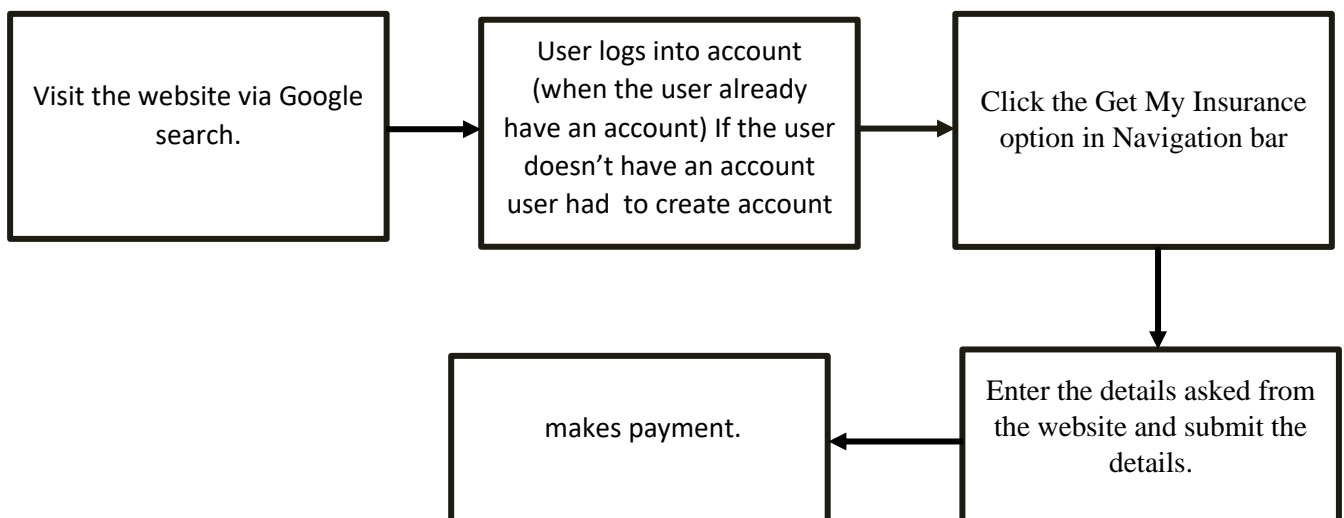
- Persona – Akila Imantha(System Administrator)

User Journey – Designing and maintenance of the website.



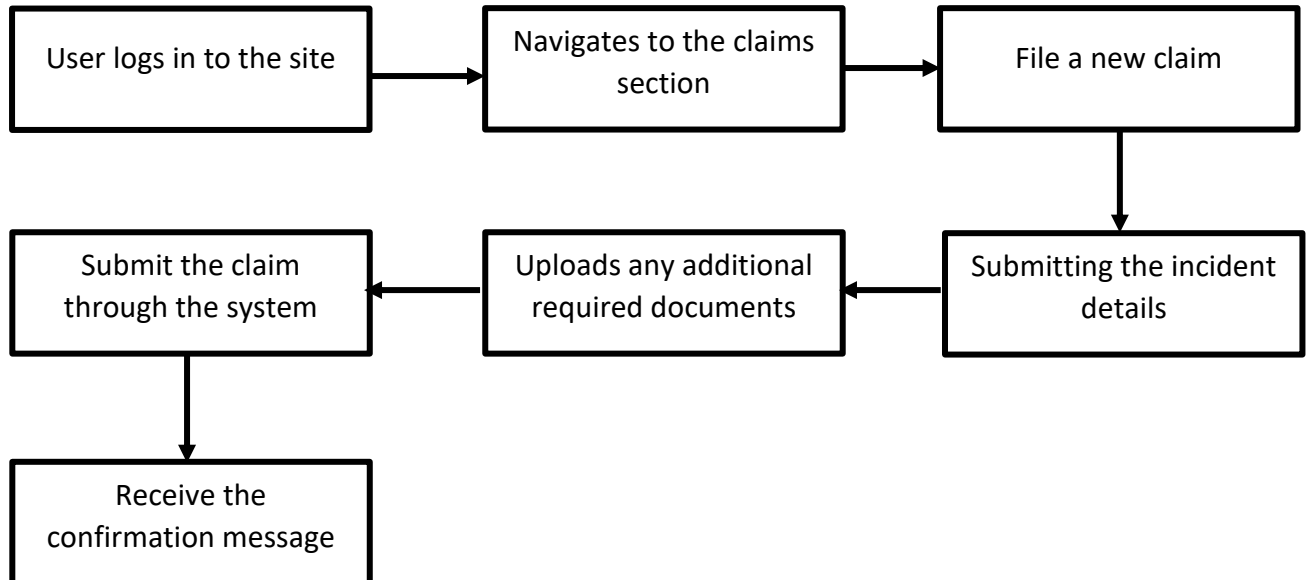
- Persona – Gayan Vimukthi(Customer 1)

User Journey – Getting auto insurance for his car.



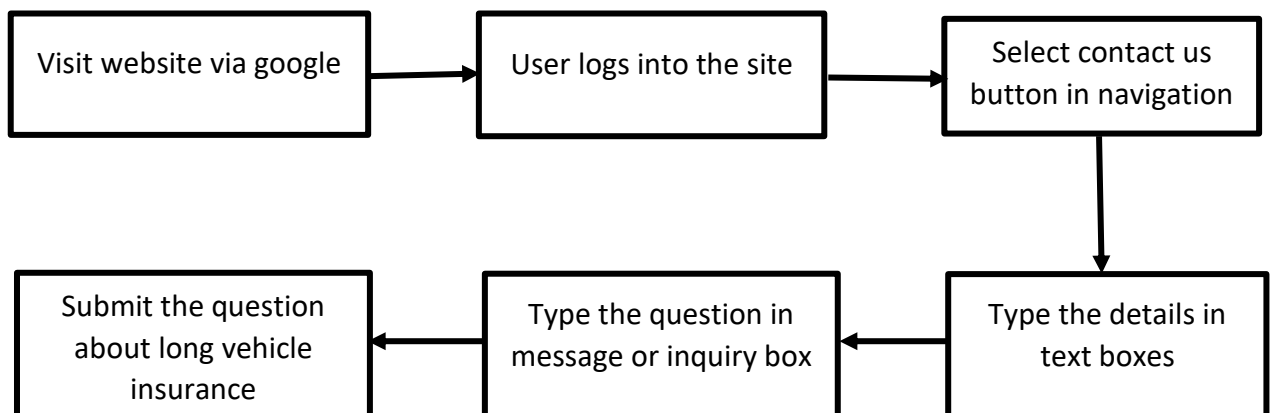
- Persona – Sara maybach(Customer 2)

#### User Journey – Claim the Insurance



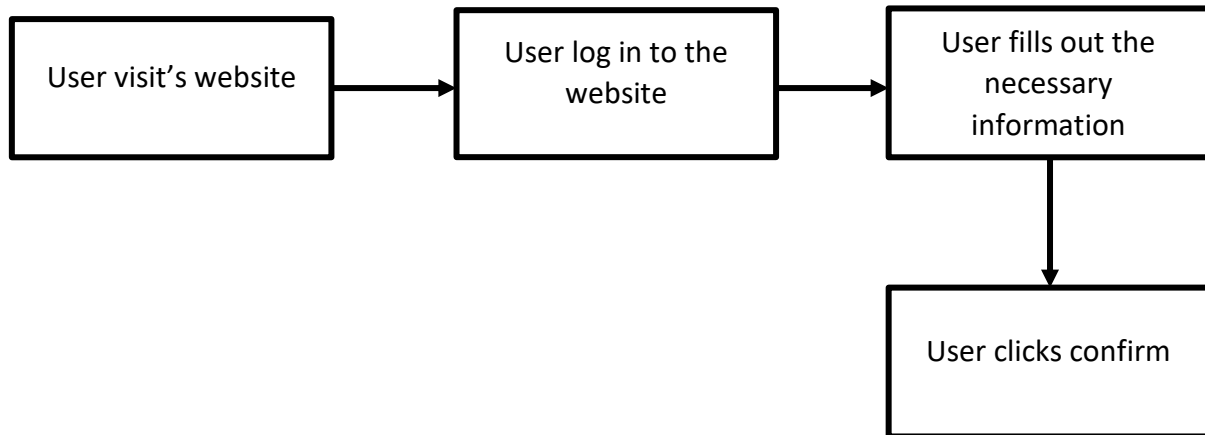
- Persona – Tharusha Theekshana(Customer 3)

#### User Journey – Posting a question about long vehicle insurance



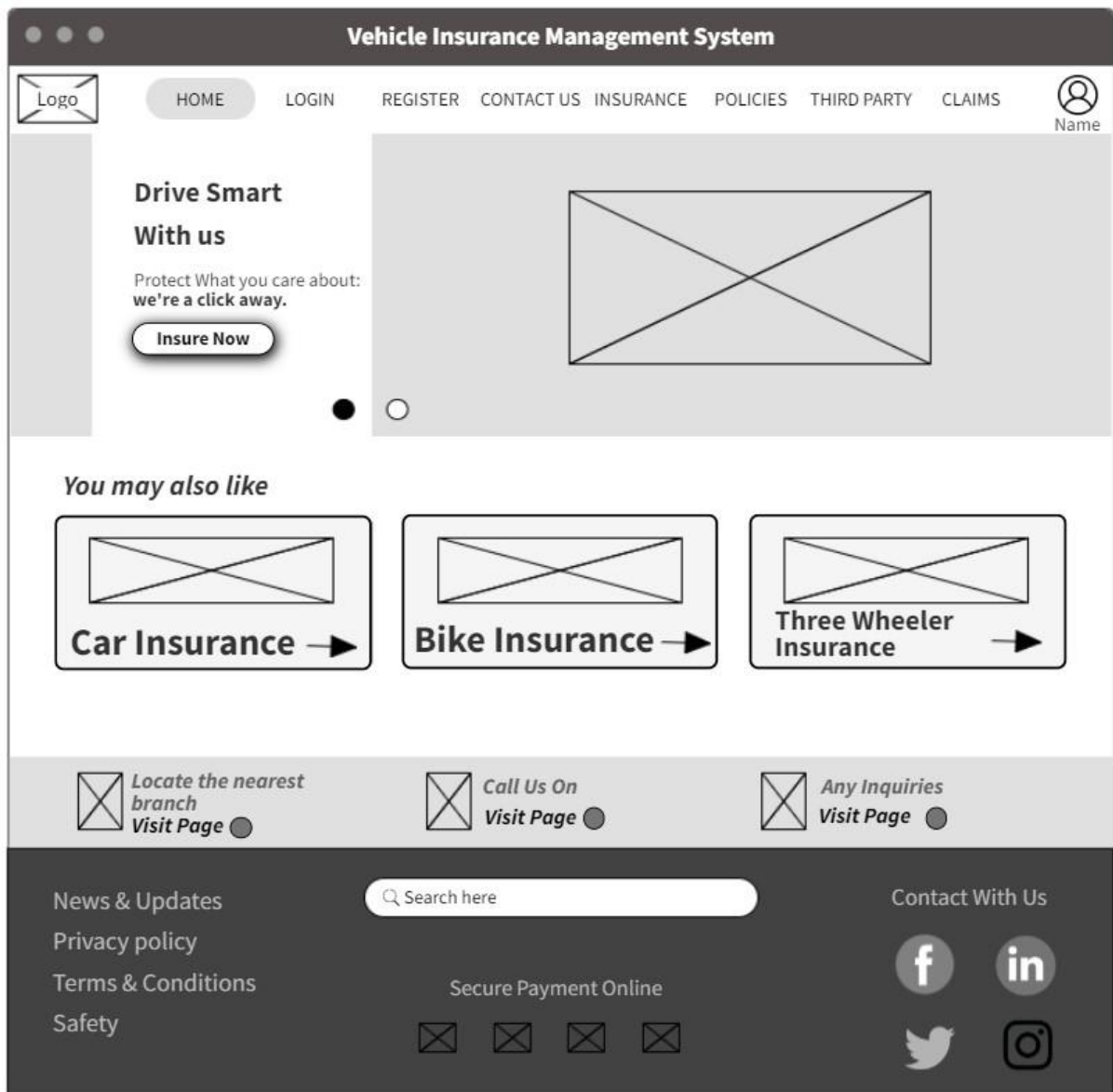
- Persona – H.R.S.Sandeepa(Insurance Company Representative)

User Journey – Adding reports of the client's information

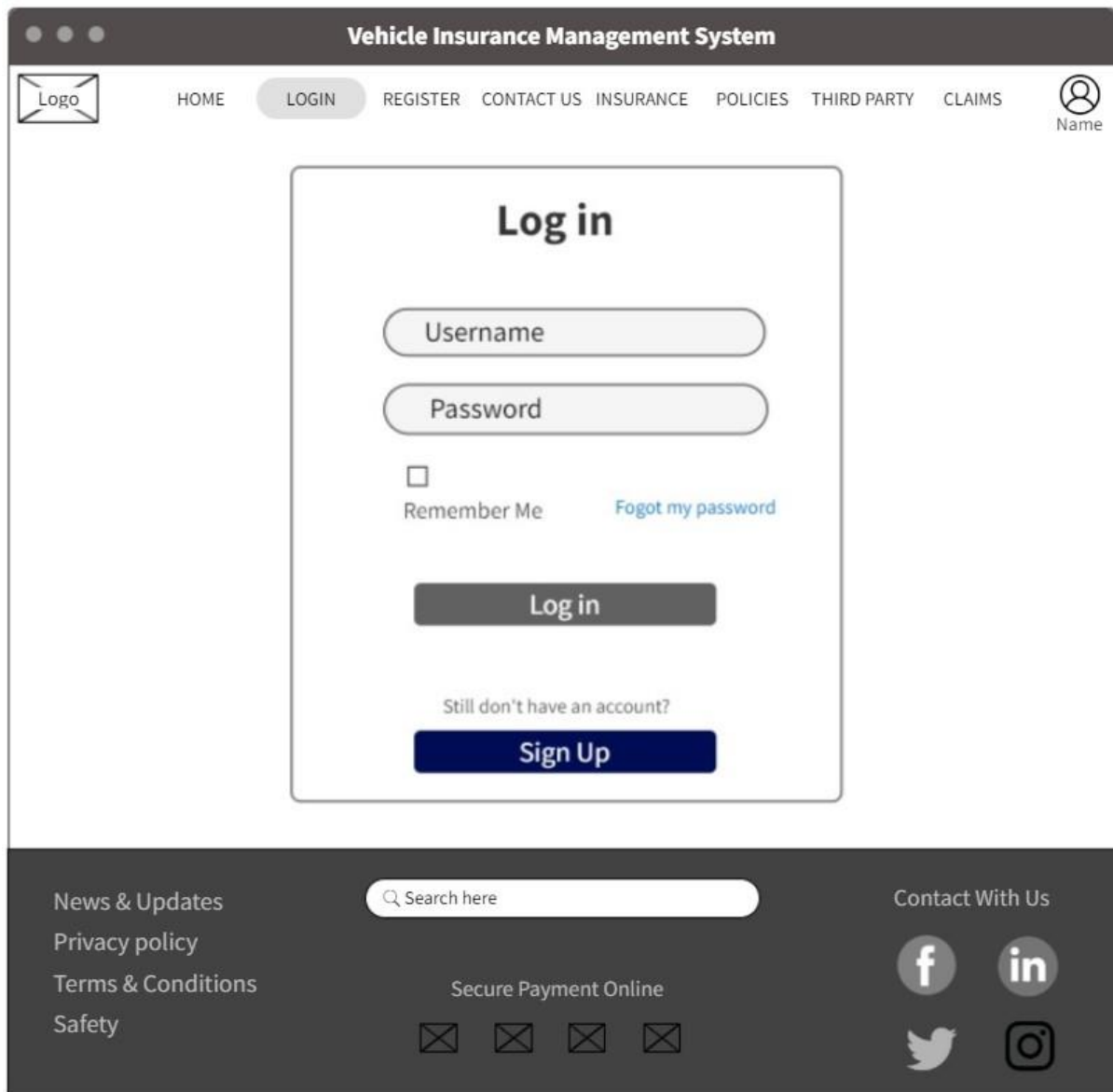


## 4. Wire Frames

- Home Page



- Login Page



The image shows a web browser window with the title "Vehicle Insurance Management System". The browser's address bar shows "http://localhost:3000/". The page has a dark grey header with a navigation menu: HOME, LOGIN (highlighted), REGISTER, CONTACT US, INSURANCE, POLICIES, THIRD PARTY, and CLAIMS. A "Logo" placeholder is on the left, and a user profile icon labeled "Name" is on the right. The main content area features a "Log in" form with fields for "Username" and "Password", a "Remember Me" checkbox, a "Forgot my password" link, a "Log in" button, and a "Sign Up" button. The footer is dark grey and contains links for "News & Updates", "Privacy policy", "Terms & Conditions", and "Safety". It also includes a search bar, a "Secure Payment Online" section with four icons, and social media links for Facebook, LinkedIn, Twitter, and Instagram.

Vehicle Insurance Management System

Logo HOME LOGIN REGISTER CONTACT US INSURANCE POLICIES THIRD PARTY CLAIMS Name

## Log in

Username

Password

☐ Remember Me [Forgot my password](#)

Log in

Still don't have an account?

Sign Up

News & Updates  
Privacy policy  
Terms & Conditions  
Safety

Search here

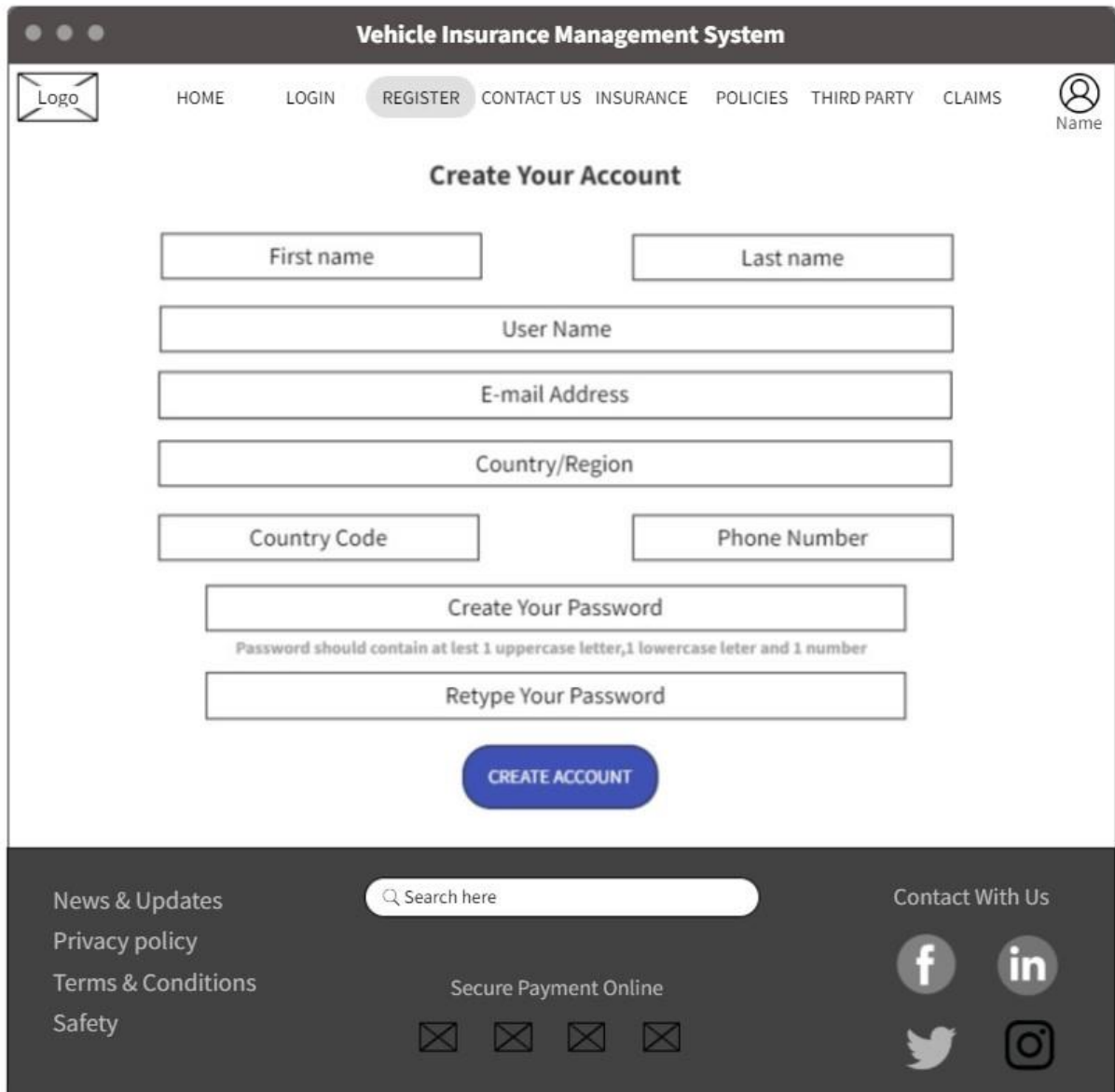
Secure Payment Online

Contact With Us

f in

Twitter Instagram

- Register Page



The screenshot displays the 'Register' page of a 'Vehicle Insurance Management System'. The page features a dark header with navigation links: HOME, LOGIN, REGISTER (highlighted), CONTACT US, INSURANCE, POLICIES, THIRD PARTY, and CLAIMS. A 'Logo' placeholder is on the left, and a user profile icon labeled 'Name' is on the right. The main content area is titled 'Create Your Account' and contains several input fields: 'First name', 'Last name', 'User Name', 'E-mail Address', 'Country/Region', 'Country Code', 'Phone Number', 'Create Your Password', and 'Retype Your Password'. A password requirement note states: 'Password should contain at least 1 uppercase letter, 1 lowercase letter and 1 number'. A blue 'CREATE ACCOUNT' button is positioned below the password fields. The footer is dark and includes a search bar, links for 'News & Updates', 'Privacy policy', 'Terms & Conditions', and 'Safety', a 'Secure Payment Online' section with four icons, and social media links for Facebook, LinkedIn, Twitter, and Instagram.

- Contact Us Page

The screenshot displays the 'Contact Us' page of a 'Vehicle Insurance Management System'. The page features a dark header with navigation links: HOME, LOGIN, REGISTER, CONTACT US (highlighted), INSURANCE, POLICIES, THIRD PARTY, and CLAIMS. A 'Logo' placeholder is on the left, and a user profile icon labeled 'Name' is on the right. The main content area is titled 'CONTACT US' and contains four input fields: 'First Name', 'last Name', 'E-mail', and 'Phone Number'. Below these is a larger 'Message or Inquiry' text area. A blue 'SUBMIT' button is centered at the bottom of the form. The footer is dark and includes a search bar, a list of links (News & Updates, Privacy policy, Terms & Conditions, Safety), a 'Secure Payment Online' section with four icons, and social media links for Facebook, LinkedIn, Twitter, and Instagram under the heading 'Contact With Us'.

Vehicle Insurance Management System

Logo HOME LOGIN REGISTER CONTACT US INSURANCE POLICIES THIRD PARTY CLAIMS Name

**CONTACT US**

First Name

last Name

E-mail

Phone Number

Message or Inquiry

**SUBMIT**

News & Updates  
Privacy policy  
Terms & Conditions  
Safety

Search here

Secure Payment Online

Contact With Us

f in

Twitter Instagram



- Get Insurance Page 1

**Vehicle Insurance Management System**

Logo HOME LOGIN REGISTER CONTACT US **INSURANCE** POLICIES THIRD PARTY CLAIMS Name

### GET YOUR INSURANCE

Enter Your Full Name

Enter Your Address

Enter Your E-mail  Enter Your Mobile Number

Select Your Vehicle Type  Enter YOM

Estimated Market Value

Vehicle Number  Usage

Make  Fuel type

Enter Your NIC

Do you have On going Lease  Are you existing customer

☒ i Certify that the information furnished above is true and correct

**Save and Next page**

News & Updates  
Privacy policy  
Terms & Conditions  
Safety

Search here


Secure Payment Online

Contact With Us


- Page 2

The screenshot displays a web application titled "Vehicle Insurance Management System". The navigation bar includes links for HOME, LOGIN, REGISTER, CONTACT US, INSURANCE (which is highlighted), POLICIES, THIRD PARTY, and CLAIMS. A user profile icon labeled "Name" is located on the right. The main content area is titled "Vehicle Insurance Policy Details" and contains a large, empty rectangular box for policy information. Below this box is a confirmation checkbox with the text "I Confirm that I have read and understood all the the information correctly". A blue "SUBMIT" button is positioned below the checkbox. The footer section is dark and contains a list of links on the left: "News & Updates", "Privacy policy", "Terms & Conditions", and "Safety". In the center of the footer is a search bar labeled "Search here" and a "Secure Payment Online" section with four placeholder icons. On the right side of the footer, under the heading "Contact With Us", are icons for Facebook, LinkedIn, Twitter, and Instagram.

- Policies Page



[HOME](#)
[LOGIN](#)
[REGISTER](#)
[CONTACT US](#)
[INSURANCE](#)
[POLICIES](#)
[THIRD PARTY](#)
[CLAIMS](#)



Name

### My Policy Details

Policy Number:

Vehicle Number:

Insured Name :

xxxxxxx

Address :

xxxxxxx

Start Date :

xx/xx/xxxx

End Date :

xx/xx/xxxx

Policy Status : Active

Total Value : xxxxxxxx

News & Updates





Privacy policy

Terms & Conditions





Safety

Search here

Secure Payment Online

Contact With Us

- Third Party Insurance Page

**Vehicle Insurance Management System**

Logo HOME LOGIN REGISTER CONTACT US INSURANCE POLICIES **THIRD PARTY** CLAIMS Name

## Third Party Cover

Request Quotation

Full name

E-mail

Contact Number

Specification

**SEND**

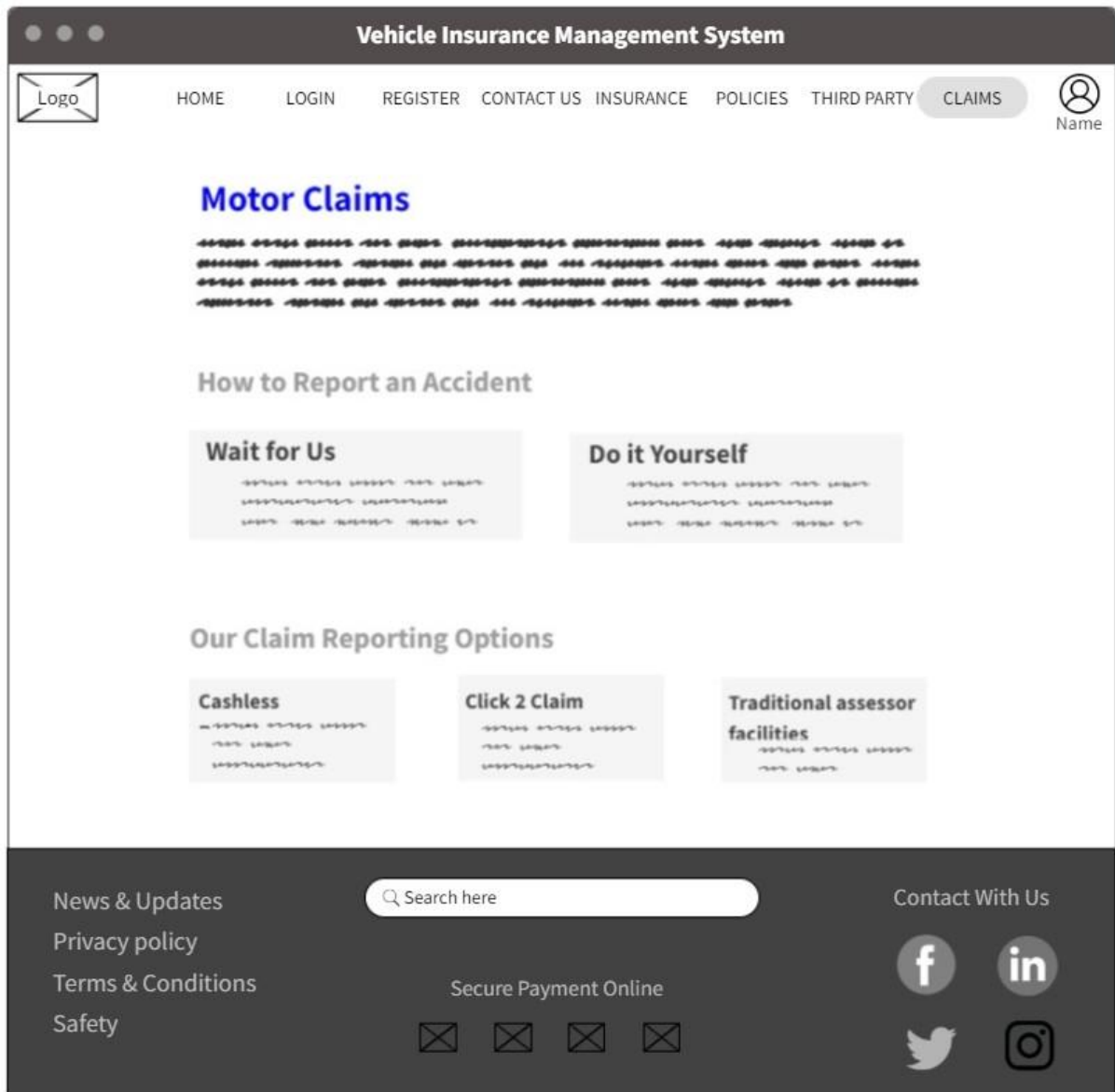
News & Updates  
Privacy policy  
Terms & Conditions  
Safety

Search here

Secure Payment Online

Contact With Us

- Claims Page




- User Account Page

The screenshot displays the 'User Account' page of a 'Vehicle Insurance Management System'. The page features a dark header with the system name and a navigation menu. The main content area includes a user profile icon, a form for updating personal and insurance details, and two action buttons. The footer contains a search bar, a list of links, a secure payment indicator, and social media contact options.

**Vehicle Insurance Management System**

Logo HOME LOGIN REGISTER CONTACT US INSURANCE POLICIES THIRD PARTY CLAIMS Name

### USER ACCOUNT



FIRST NAME

LAST NAME

CONTACT NUMBER

E-MAIL

INSURANCE TYPE





VEHICLE TYPE

News & Updates  
Privacy policy  
Terms & Conditions  
Safety

Secure Payment Online

☐ ☐ ☐ ☐

Contact With Us

- Online Payment Page

The screenshot displays the 'Online Payment' page of a 'Vehicle Insurance Management System'. The page features a dark header with the system name and a navigation menu including HOME, LOGIN, REGISTER, CONTACT US, INSURANCE, POLICIES, THIRD PARTY, and CLAIMS. A user profile icon labeled 'Name' is in the top right. The main content area is titled 'Online Payment' and contains several form fields: 'Insurance Type' (a dropdown menu with 'Select' as the placeholder), 'Name' (a text box with 'First Name, Sure Name' as the placeholder), 'E-mail' (a text box with 'E-mail' as the placeholder), 'Mobile Number' (a text box with 'Mobile Number' as the placeholder), and 'ID Type' (a dropdown menu with 'Select' as the placeholder). To the right of these fields is an 'Amount' text box. A blue 'Next' button is positioned below the form fields. The footer is dark and contains a search bar with the text 'Search here', a list of links (News & Updates, Privacy policy, Terms & Conditions, Safety), a 'Secure Payment Online' section with four icons, and a 'Contact With Us' section with social media icons for Facebook, LinkedIn, Twitter, and Instagram.

**Vehicle Insurance Management System**

Logo HOME LOGIN REGISTER CONTACT US INSURANCE POLICIES THIRD PARTY CLAIMS Name

### Online Payment

Insurance Type  
Select

Name  
First Name, Sure Name

E-mail  
E-mail

Mobile Number  
Mobile Number

ID Type  
Select

Amount

Next

News & Updates  
Privacy policy  
Terms & Conditions  
Safety

Search here

Secure Payment Online

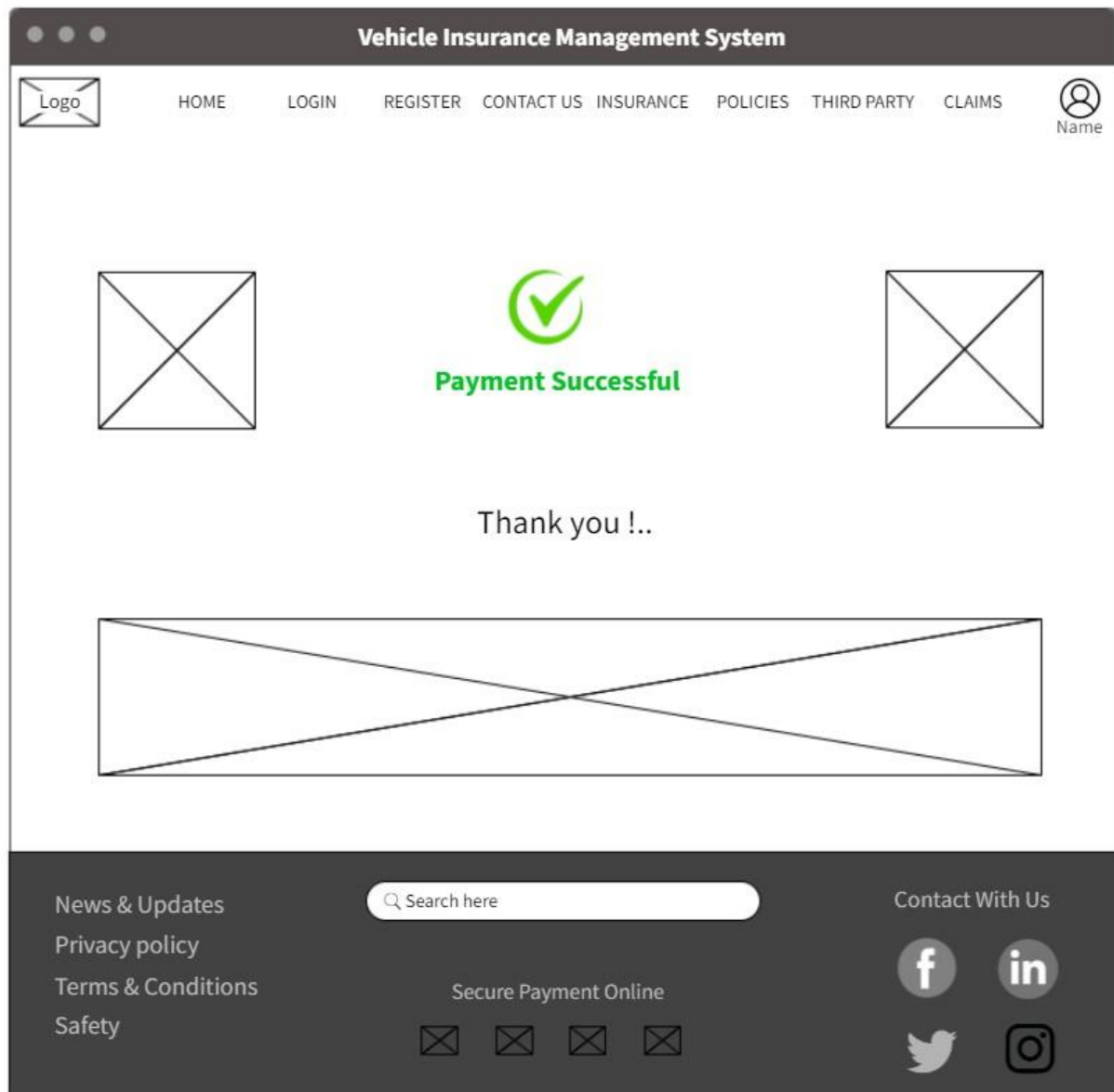
Contact With Us

f in

Twitter Instagram



- Payment Successful Page



## 5. Individual Contribution

	Student ID	Student Name	Individual Contribution
<b>1</b>	IT23270374	K.G.G.V.JAYASEKARA	<ul style="list-style-type: none"> <li>• <b>Persona :</b> Customer 1</li> <li>• <b>User Journey :</b> Get online car Insurance</li> <li>• <b>Wireframe :</b> Get insurance Page1, Page2, Create Your account page</li> </ul>
<b>2</b>	IT23268876	S.A.D.A.IMANTHA	<ul style="list-style-type: none"> <li>• <b>Persona :</b> System Administrator</li> <li>• <b>User Journey :</b> Designing and maintenance of the website.</li> <li>• <b>Wireframe :</b> Home page, Claims page, Login page</li> </ul>
<b>3</b>	IT23278462	H.P.T.T.D.KARUNARATHNA	<ul style="list-style-type: none"> <li>• <b>Persona :</b> Customer 03</li> <li>• <b>User Journey :</b> Get Insurance</li> <li>• <b>Wireframe :</b> Contact Us page, Account page</li> </ul>
<b>4</b>	IT23278608	H.R.S.SANDEEPA	<ul style="list-style-type: none"> <li>• <b>Persona :</b> Insurance company representative</li> <li>• <b>User Journey :</b> Adding reports of the client's information</li> <li>• <b>Wireframe :</b> Online payment, Online Payment successful</li> </ul>
<b>5</b>	IT23284234	R.N.DHANUSHKA	<ul style="list-style-type: none"> <li>• <b>Persona :</b> Customer 2</li> <li>• <b>User Journey :</b> Claim the Insurance</li> <li>• <b>Wireframe :</b> Third party page, Policies page</li> </ul>