

**Centre Name: ACE-HCMC-2-FPT.**

**Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.**

# **VEHICLE INSURANCE MANAGEMENT**

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<b>Semester:</b>	3	
<b>Batch No:</b>	T1.1810.E0	
<b>Group No:</b>	3	
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Month 01 Year 2020

This is to certify that

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**Mr. Bui Nguyen Hai**

**Mr. Truong Hoang Huy**

**Ms. Nguyen Minh Thu**

Has successfully Designed & Developed

**eProject: Vehicle Insurance Management**

Submitted by:

**Nguyen Huu Tung**

Date of Issue:

**27 – Feb – 2020**

Authorized Signature:

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## PROBLEM DEFINITION

The objective of the system is to provide the facilities to all the people concerned with Vehicle Insurance. From the management point of view, works can be done fast and more accurately as compared to the existing manual system. From the customer's point of view, he can get immediate services without any kind of wasting of time whereas from the user's point of view all kinds of transitions can be done in a very easy and efficient manner.

The system also provides many kinds of reports generation facilities. Our main objectives for developing this project are giving below.

**DATA SECURITY.**

**REDUCED PAPERWORK.**

**REDUCED MANPOWER.**

**INCREASED OPERATIONAL EFFICIENCY.**

**INCREASED ACCURACY AND RELIABILITY.**

**IMPROVE MORAL.**

**REDUCE OPERATIONAL TIME.**

This project aims to develop a complete fully functional independent system with the intention of improving the productivity of the operations of the company through speedy and accurate processing and efficient storage and retrieval of data.

The basic aim behind this project to provide a complete solution that manages the records of the vehicle insurance company.

## CUSTOMER REQUIREMENT SPECIFICATION

This project is aimed to develop “Online Insurance Portal”. It is a web-based application, which is developed mainly for the agents of the insurance company to take the policy for his clients electronically. By the request from his clients, he processes and maintains the policy details through the system.

Online Insurance Portal System is an integrated insurance system which links up all the channels within the insurance industry. It is a revolutionized insurance solution that can facilitate online processing and services to the insurance partners, agents, and customers through the Internet.

The site should have menu categorizing required functionalities

- **About us**
- **Types of insurance**
- **Testimonials**
- **Site map**
- **Contact us**

There should be 2 logins as mentioned below:

### **Customer**

User needs to register as a customer by providing the necessary information in the registration form and provide the username and password

Customers can log in with a unique username and password.

He can change the password.

Can purchase the policy online: For purchasing the policy online, he has to fill in the application form which would capture all the required information about the vehicle. On successful payment, a copy of the policy would be generated which customers can save for the records.

Initiate the claim by filling the claim form.

## Employee

Employee will be admin who can log in with admin username and password.

He can perform all the admin functions as maintaining the policy records, claim records, payment schedules, etc

- **Following reports needs to be generated**
- **Monthly sell of policies**
- **Vehicle wise analysis**
- **Claims report**
- **Policies due to renewals**
- **Policies lapsed report**

## Hardware

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.
- 128 Megabytes of RAM or better

## Software

- Visual Studio.Net / ASP
- IIS Server
- .Net Framework
- Java Virtual Machine / J2EE Server
- Notepad / Java editor
- J2sdk 1.4.1\_02 (or later).
- EJB Dev Kit
- Java enable web server
- JSP / Servlets Dev. Kit

## Expected release date

Release date: 29 Feb 2020.

## List of deliverables

### Documentation

- User manual
- Install guide
- Database script and database backup file
- Project documents

### Website

- Deployment website
- Source code

## PROJECT PLAN

After due consideration with the team members, we decided the important criteria should be developed:

1. Static pages will introduce:
  - Company information
  - Types of insurance
  - Testimonials
  - Site map
  - Contact us
2. Dynamic page with database includes 2 parts:
  - The sales page, including all products, will be sold.
  - The administration page, depending on the rights of the account will be displayed content.

## E-R DIAGRAM

### Database table design

Table name	Field name	Data type	Key
Customer	CustomerID	Int	Primary key
	CustomerUsername	Varchar(20)	
	CustomerEmail	Varchar(50)	
	CustomerPassword	Varchar(50)	
	CustomerName	Varchar(50)	
	CustomerAdd	Varchar(150)	
	CustomerPhoneNo	Char(11)	
	CustomerIsValid	Bit	
CustomerAddProves	AddProvID	Int	Primary key
	AddProve	Varchar(50)	
	AddProveDes	Varchar(300)	
	AddProveRate	Int	
	AddProveStatus	Int	
Vehicle	VehicleID	Int	Primary key
	VehicleOwnerName	Varchar(50)	
	VehicleBodyNo	Char(17)	
	VehicleEngineNo	Char(10)	
	VehicleNo	Int	
	CustomerID	Int	Foreign key
	VehicleNameID	Int	Foreign key
VehicleWarranties	VehicleWarrantyID	Int	Primary key
	VehicleWarrantyName	Varchar(50)	
	VehicleWarrantyDes	Varchar(300)	
	VehicleWarrantyRate	Int	
	VehicleWarrantyStatus	Int	
VehModels	VehicleModelID	Int	Primary key
	VehicleModel	Varchar(50)	
VehVersion	VehicleVersionID	Int	Primary key

## eProject: VEHICLE INSURANCE MANAGEMENT

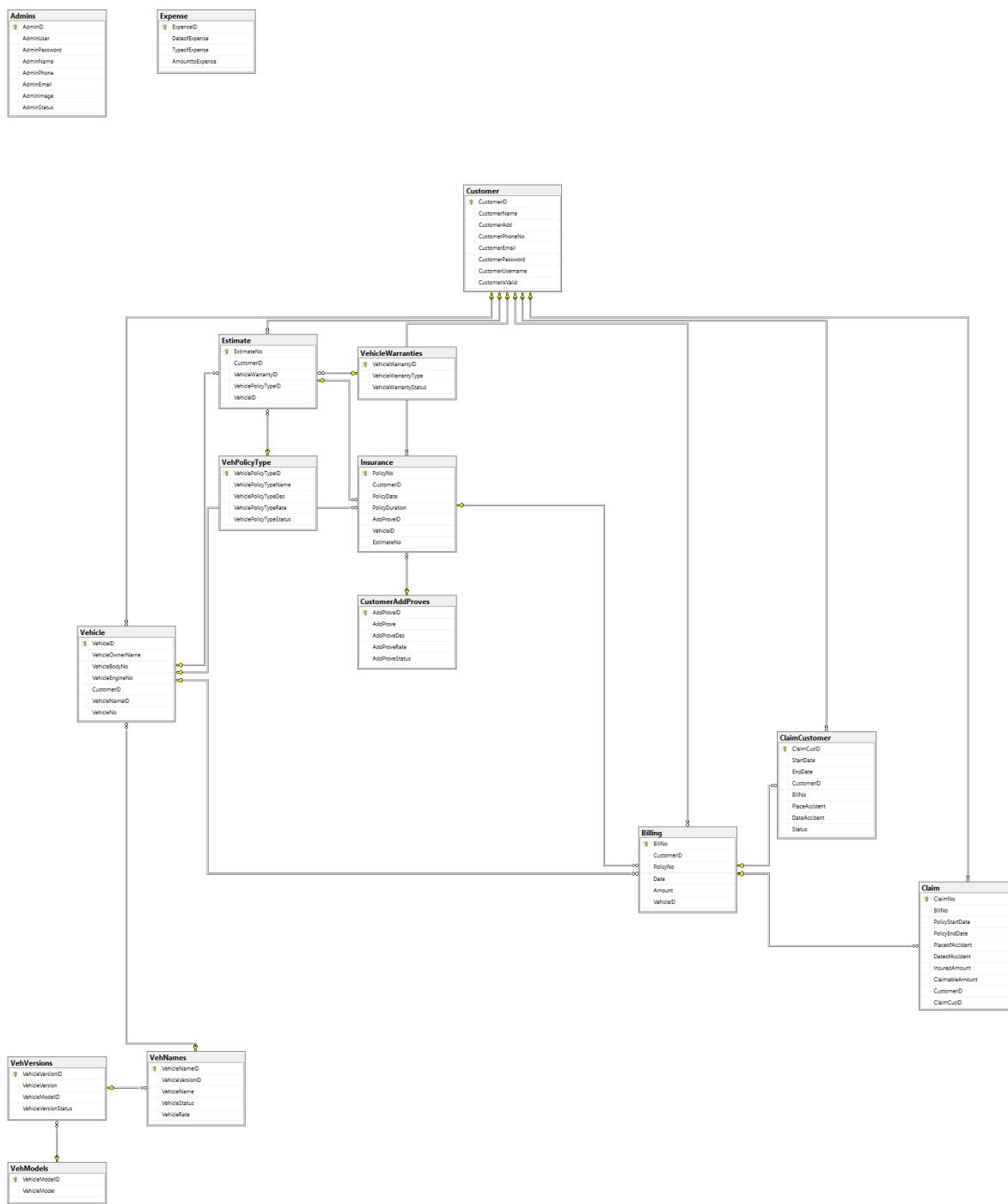
	VehicleVersion	Int	
	VehicleModelID	Int	Foreign key
	VehicleVersionStatus	Int	
VehNames	VehicleNameID	Int	Primary key
	VehicleName	Varchar(50)	
	VehicleRate	Decimal(18,2)	
	VehicleStatus	Int	
	VehicleVersionID	Int	Foreign key
VehPolicyType	VehiclePolicyTypeID	Int	Primary key
	VehiclePolicyType	Int	
	VehiclePolicyTypeStatus	Int	
Insurance	PolicyNo	Int	Primary key
	PolicyDate	Date	
	PolicyDuration	Varchar(50)	
	CustomerAddProve	Varchar(50)	
	CustomerID	Int	Foreign key
	VehicleID	Int	Foreign key
	EstimateNo	Int	Foreign key
Estimate	EstimateNo	Int	Primary key
	VehicleWarranty	Varchar(15)	
	VehiclePolicyType	Varchar(30)	
	CustomerID	Int	Foreign key
	VehicleID	Int	Foreign key
Billing	BillNo	Int	Primary key
	Date	Date	
	Amount	Decimal(18,2)	
	CustomerID	Int	Foreign key
	VehicleID	Int	Foreign key
	PolicyNo	Int	Foreign key
Expense	ExpenseID	Int	Primary key
	DateofExpense	Date	
	TypeofExpense	Varchar(50)	

## eProject: VEHICLE INSURANCE MANAGEMENT

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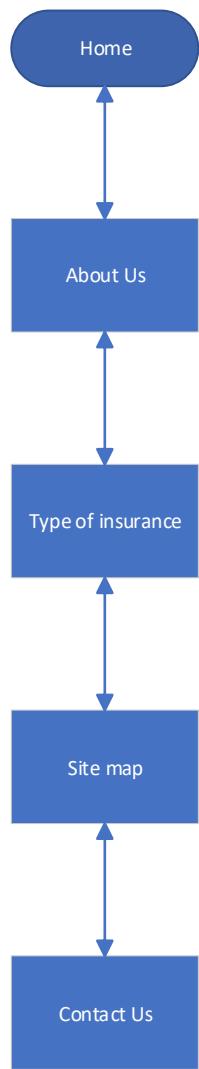
	AmounttoExpense	Decimal(18,2)	
Claim	ClaimNo	Int	Primary key
	PolicyStartDate	Datetime	
	PolicyEndDate	Datetime	
	PlaceofAccident	Varchar(20)	
	DateofAccident	Datetime	
	InsuredAmount	Decimal(18,2)	
	ClaimableAmount	Decimal(18,2)	
	CustomerID	Int	Foreign key
	PolicyNo	Int	Foreign key

## Diagram

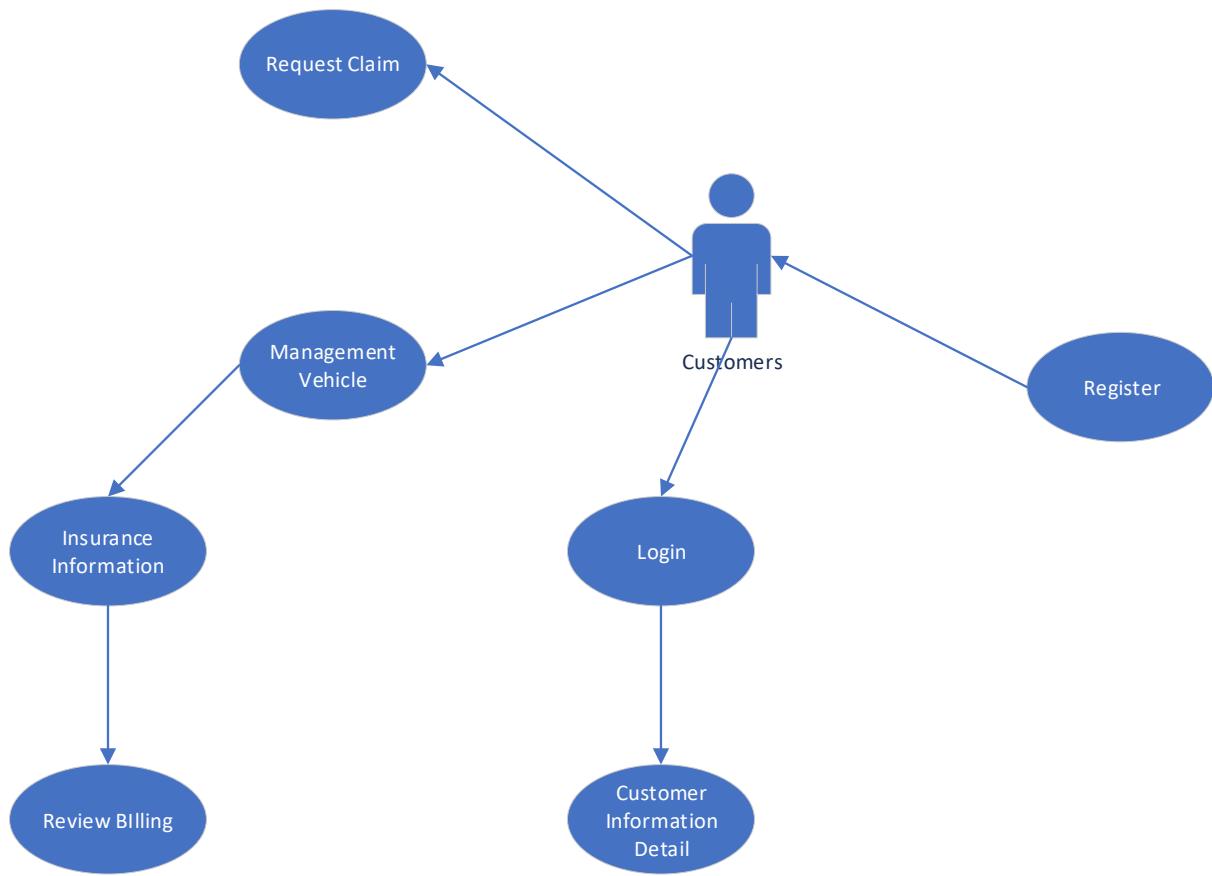


## USE CASE

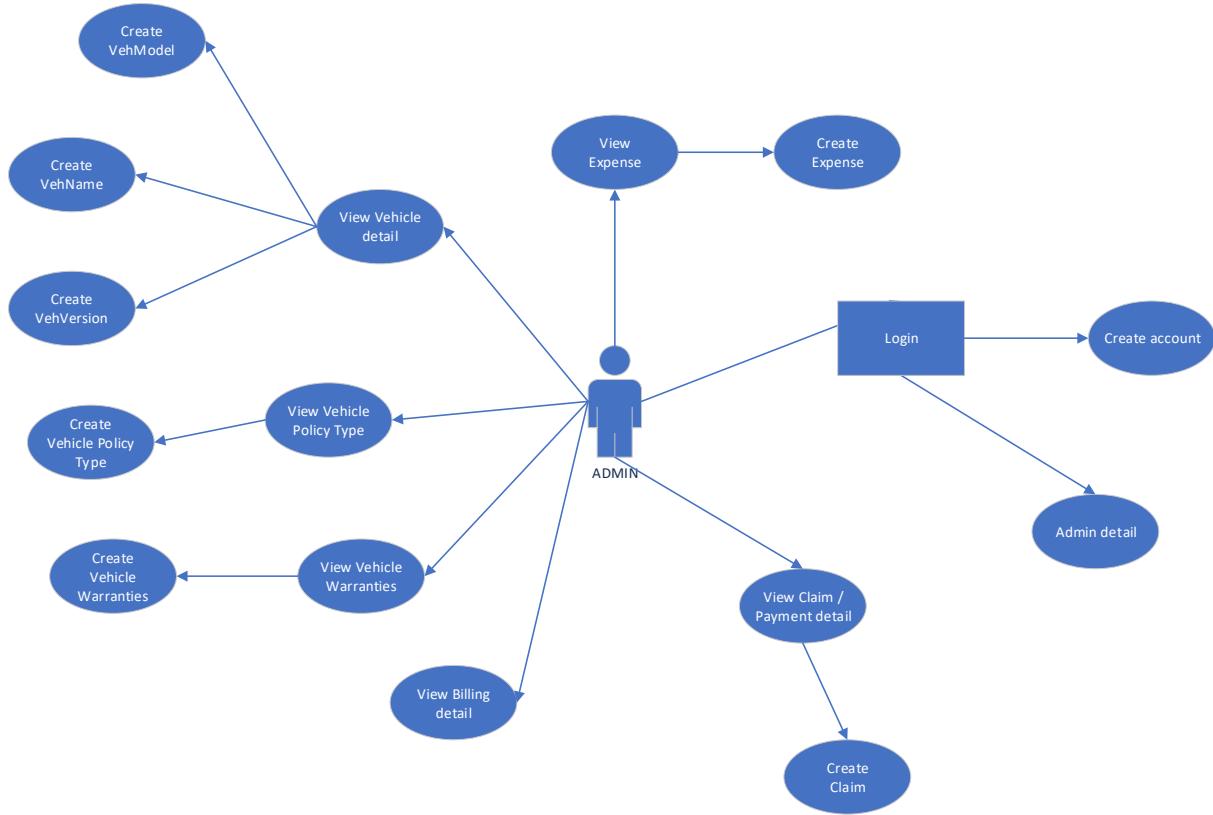
### Static page



## Customer

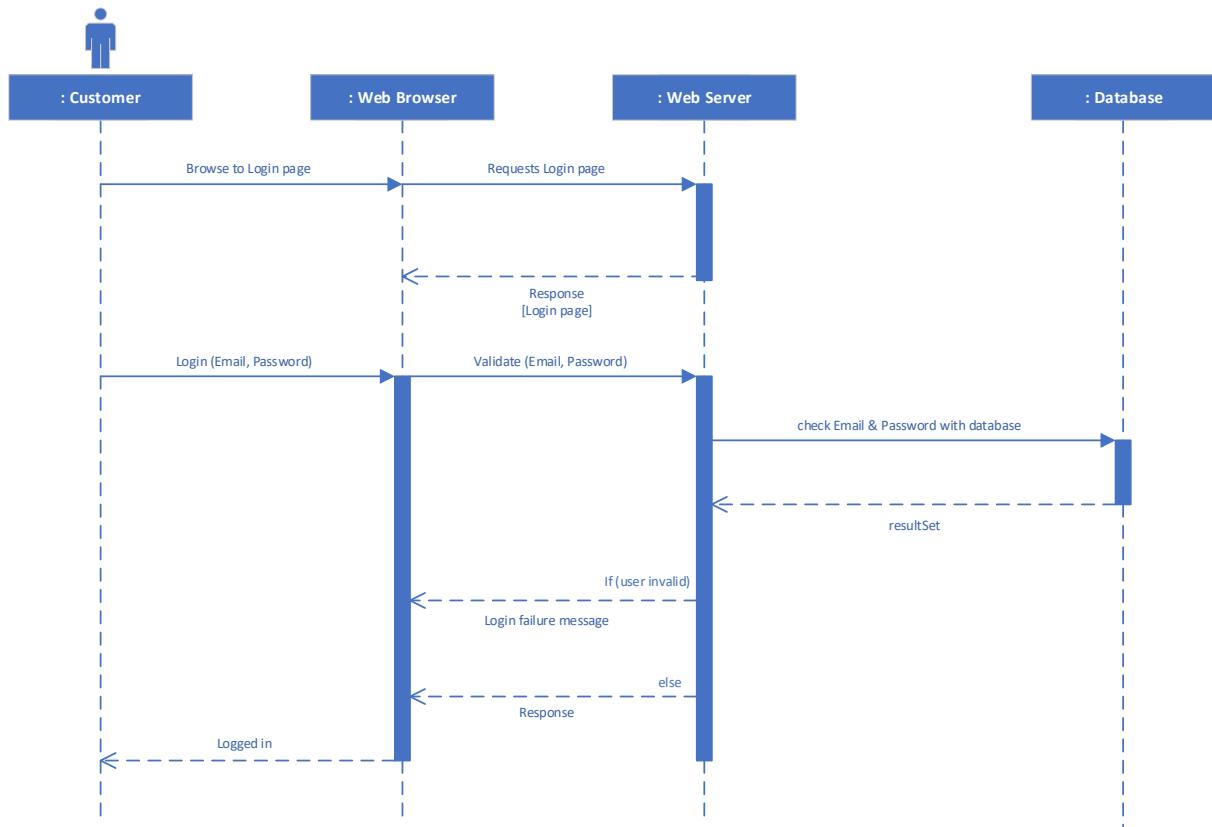


## Admin

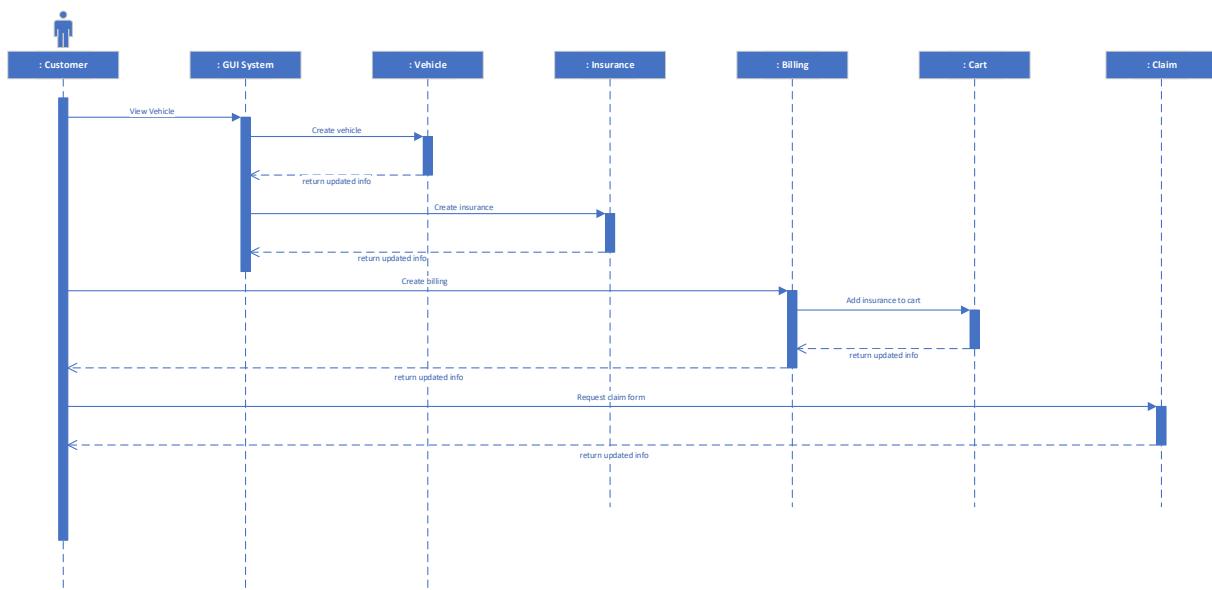


## SEQUENCE DIAGRAM

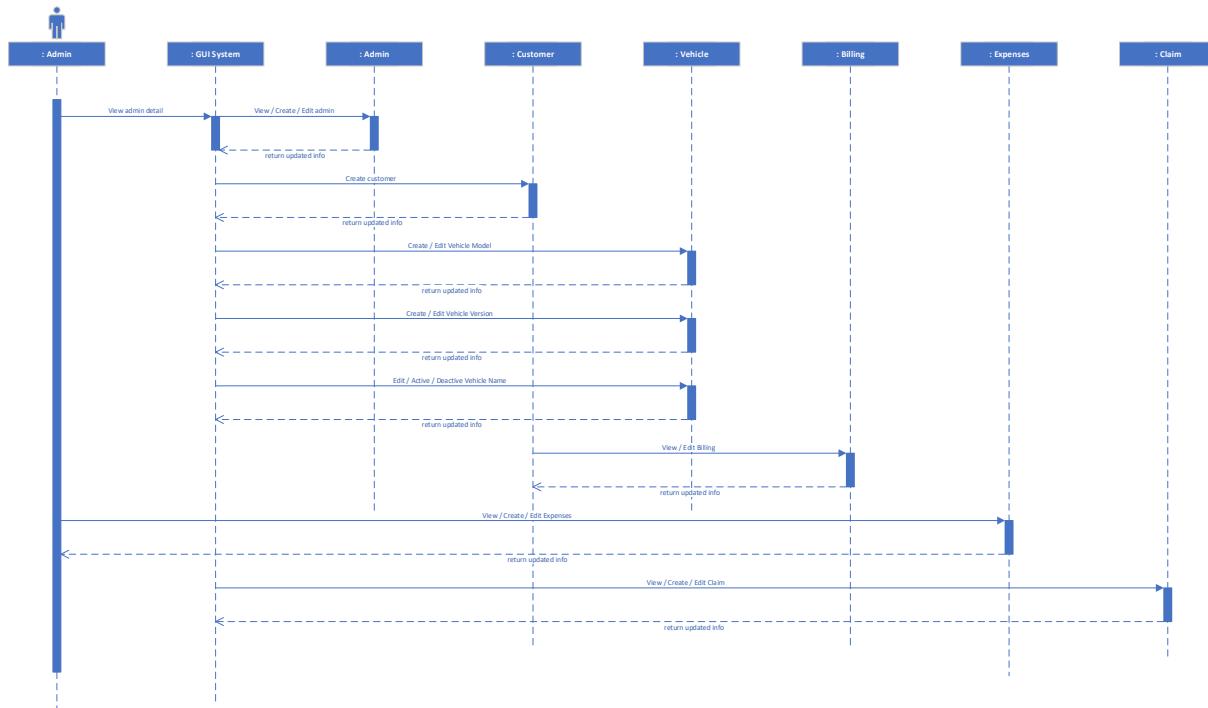
### Login



### Customer

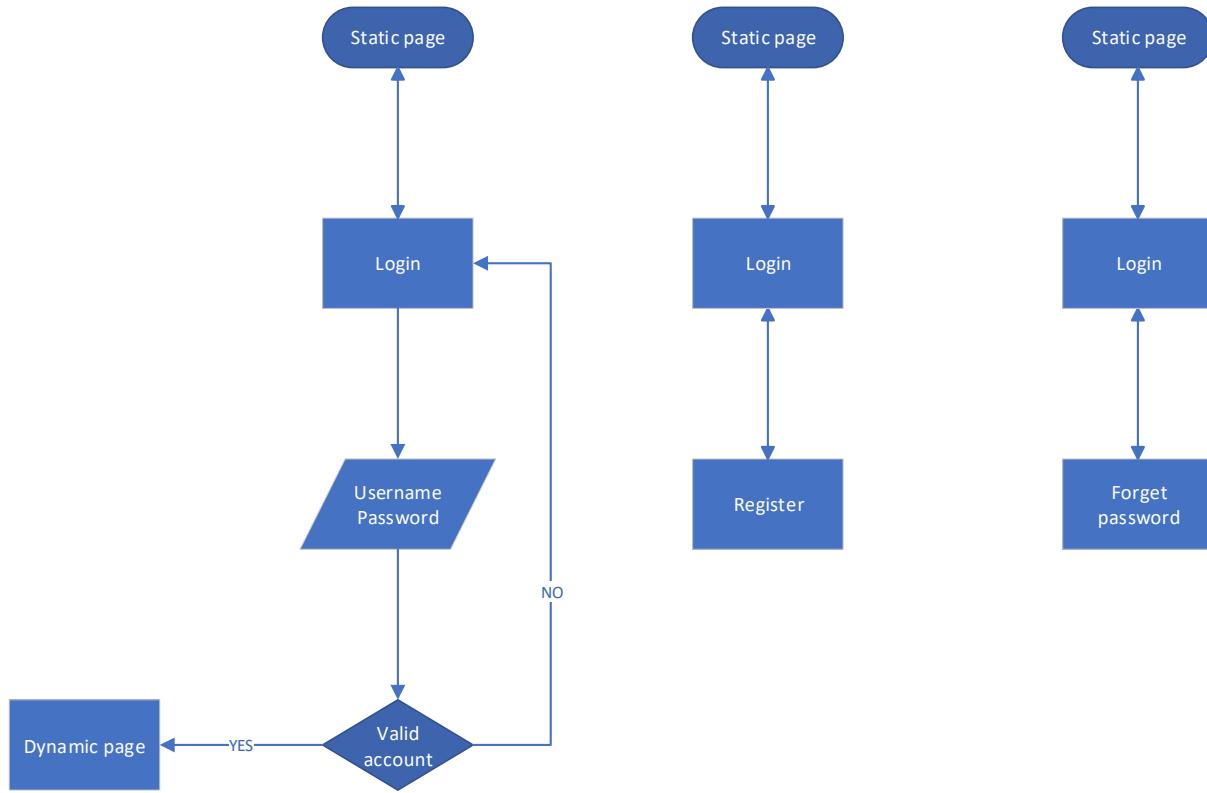


## Admin

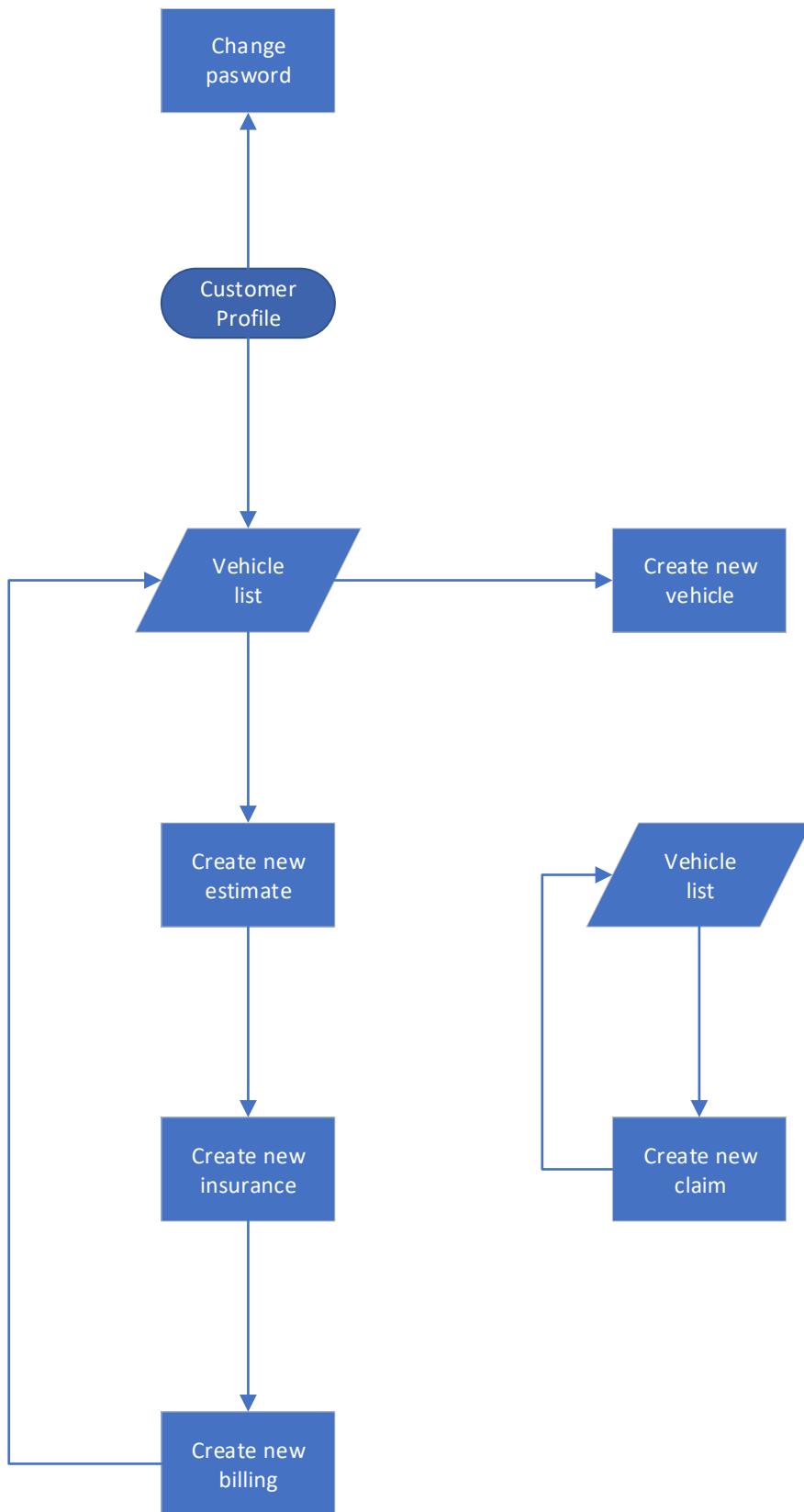


## ALGORITHMS

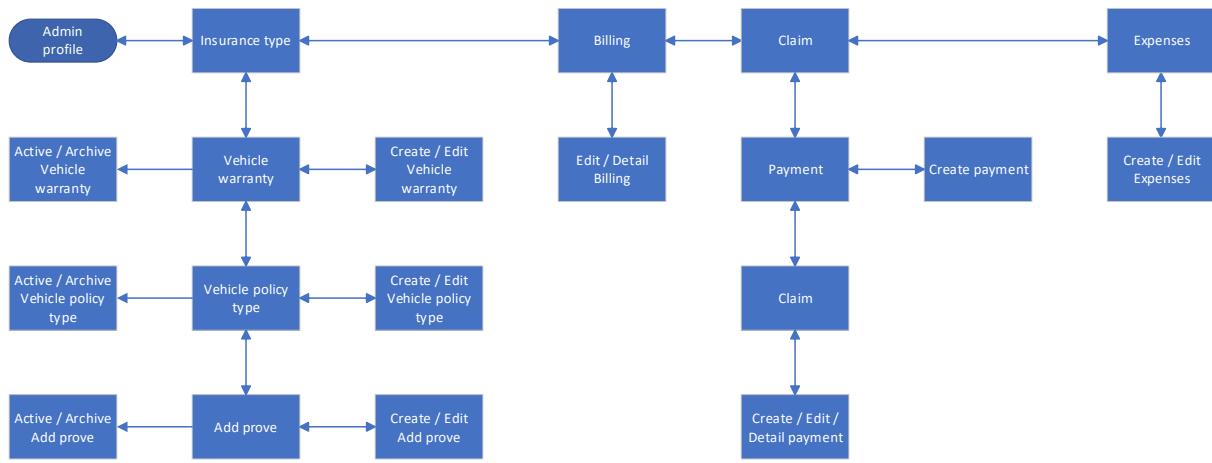
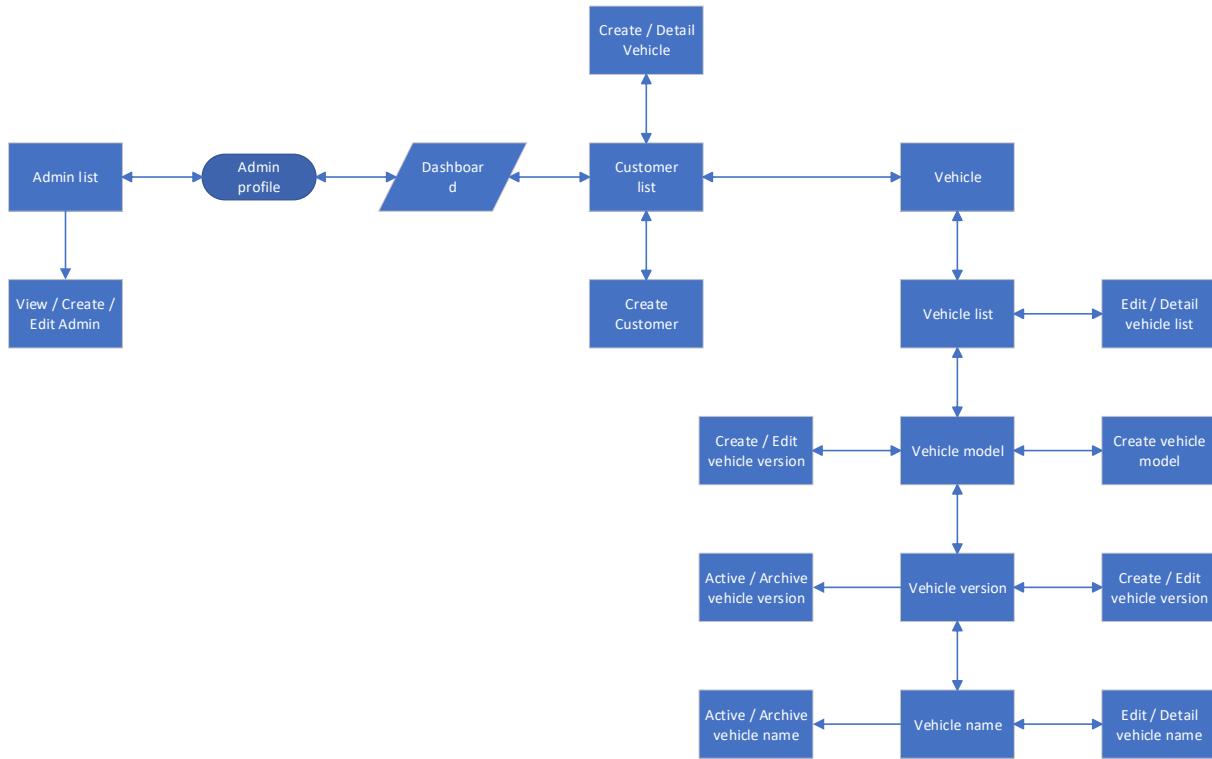
### Login



## Customer

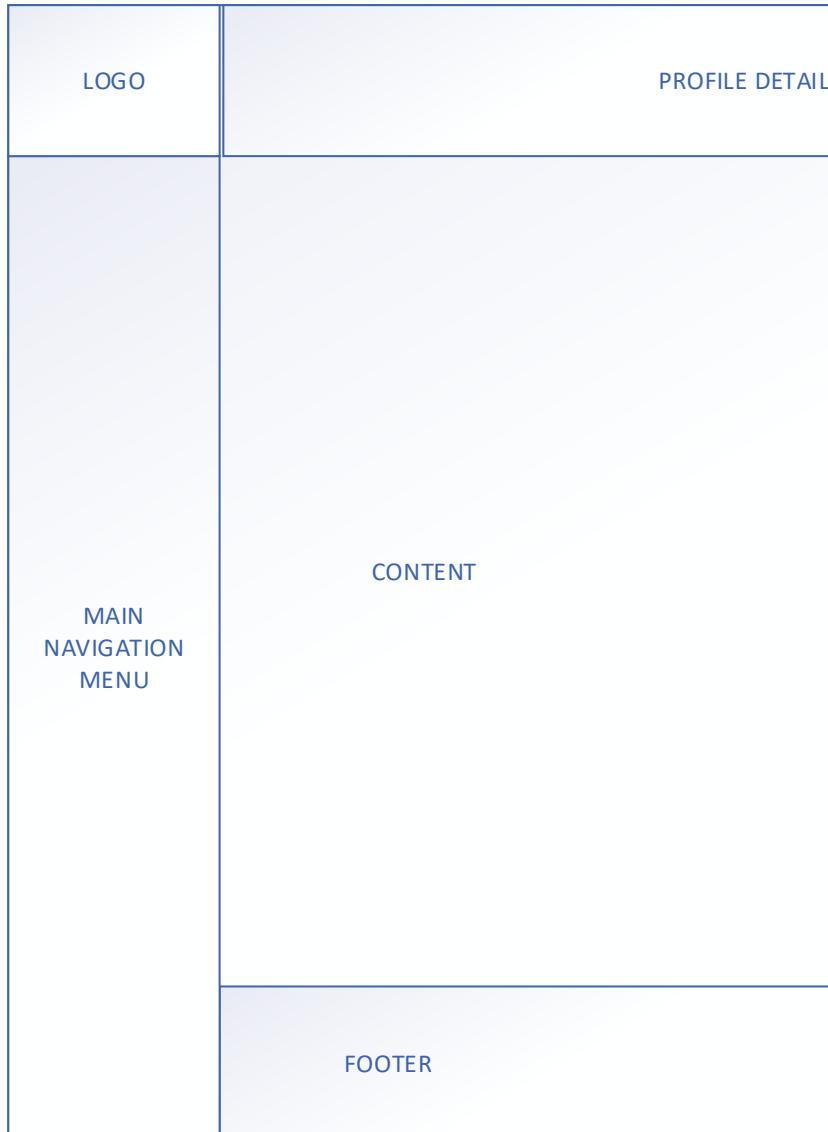


### Admin



## GUI STANDARDS DOCUMENT





ADMIN TEMPLATE

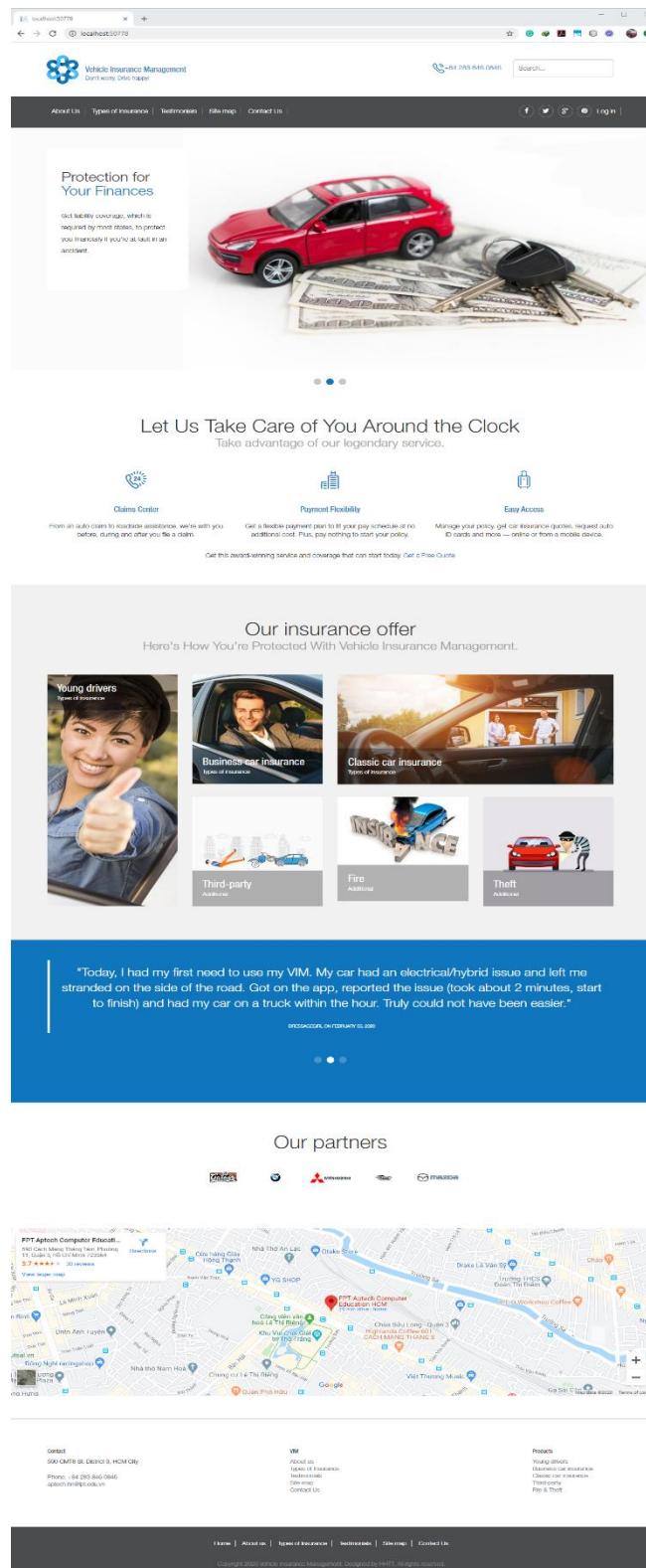
## eProject: VEHICLE INSURANCE MANAGEMENT

# INTERFACE DESIGN DOCUMENT

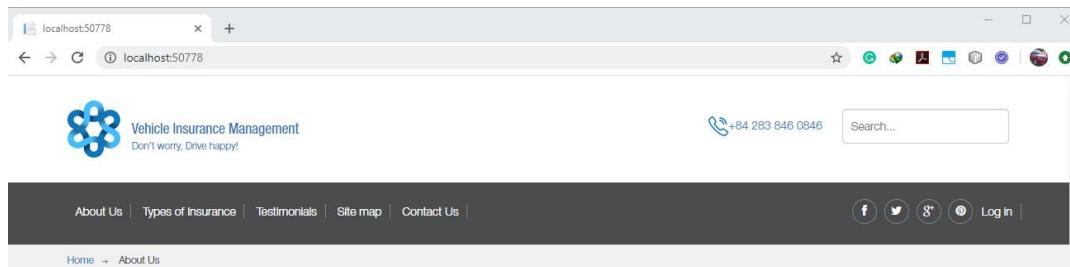
## Home page

Static page shows all information in one page.

- Navigation menu
- Slide show
- Types of Insurance
- Testimonials
- Our partners
- Map



### About Us



### Service for When You Need Us

A luxurious car is not only valuable asset but also a devoted and heartfelt company and partner. Vehicle Insurance Management is happy to stand by you protecting things you love.

The insurance value of a car is calculated based on the deal between Vehicle Insurance Management and you and depends on the actual value of the car on the market at the time when you buy the insurance policy.

In case the car is damaged more than 75% or cannot be replaced or repaired or recovered for guaranteed circulation according to the current law, car owner will be compensated in equivalence to the actual value of the car before the accident.



### Our Team



Nguyen Huu Tung  
Programmer



Bui Nguyen Hai  
Programmer



Truong Hoang Huy  
Programmer



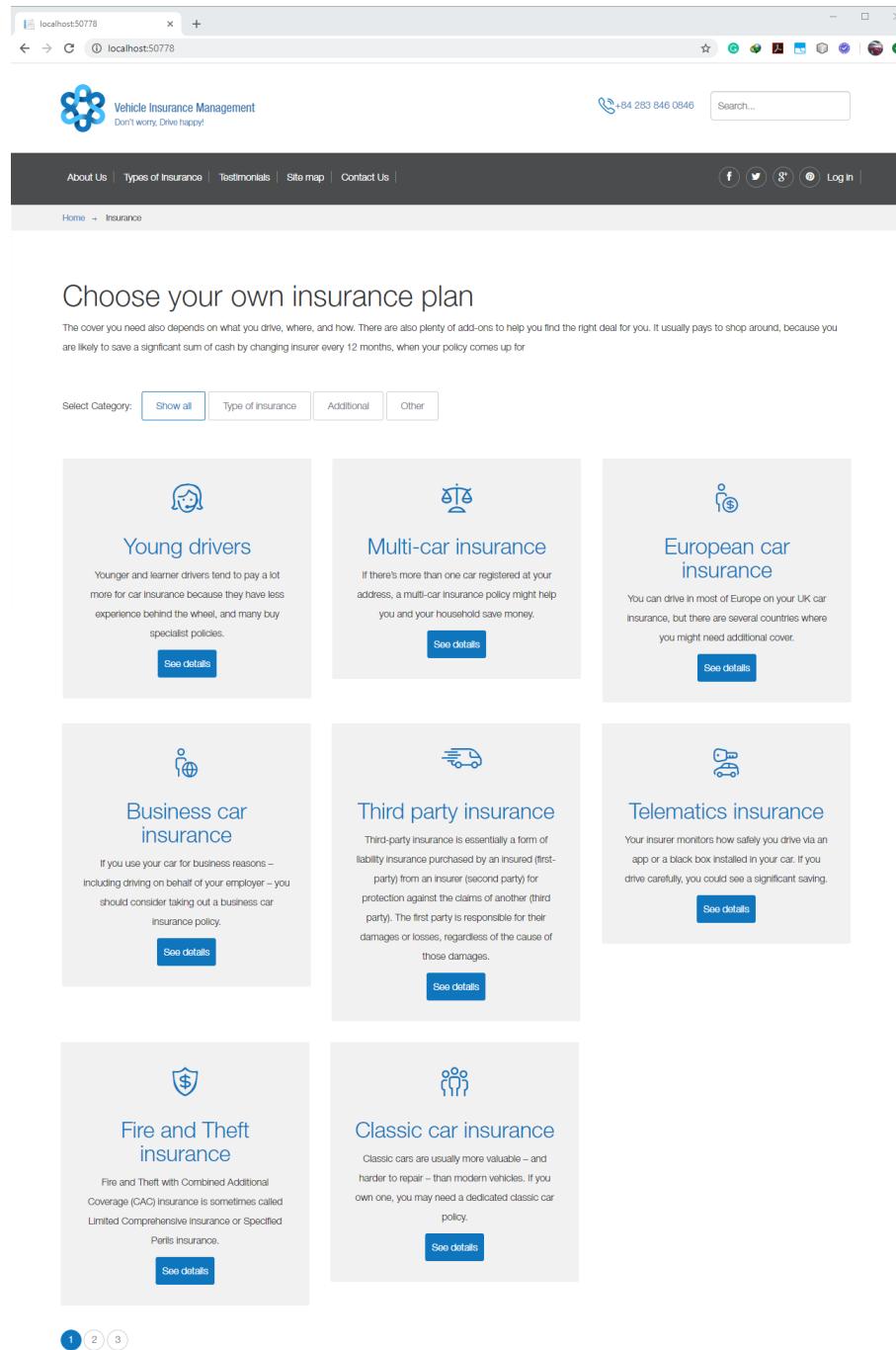
Nguyen Minh Thu  
Programmer

Contact  
590 CMT8 St, District 3, HCM City  
Phone: +84 283 846 0846  
aptech.hn@fpt.edu.vn

VIM  
About us  
Types of Insurance  
Testimonials  
Site map  
Contact Us

Products  
Young drivers  
Business car insurance  
Classic car insurance  
Third-party  
Fire & Theft

# Types of Insurance



The screenshot shows a web browser window for 'localhost:50778'. The page title is 'Vehicle Insurance Management' with the tagline 'Don't worry. Drive happy!'. The header includes a phone number '+84 283 846 0846', a search bar, and social media links. A navigation bar at the top has links for 'About Us', 'Types of Insurance', 'Testimonials', 'Site map', 'Contact Us', and 'Log In'. Below the navigation is a breadcrumb trail: 'Home → Insurance'. The main content area is titled 'Choose your own insurance plan' and contains nine cards, each representing a different type of insurance:

- Young drivers**: Younger and learner drivers tend to pay a lot more for car insurance because they have less experience behind the wheel, and many buy specialist policies.
- Multi-car insurance**: If there's more than one car registered at your address, a multi-car insurance policy might help you and your household save money.
- European car insurance**: You can drive in most of Europe on your UK car insurance, but there are several countries where you might need additional cover.
- Business car insurance**: If you use your car for business reasons – including driving on behalf of your employer – you should consider taking out a business car insurance policy.
- Third party insurance**: Third-party insurance is essentially a form of liability insurance purchased by an insured (first party) from an insurer (second party) for protection against the claims of another (third party). The first party is responsible for their damages or losses, regardless of the cause of those damages.
- Telematics insurance**: Your insurer monitors how safely you drive via an app or a black box installed in your car. If you drive carefully, you could see a significant saving.
- Fire and Theft insurance**: Fire and Theft with Combined Additional Coverage (CAC) insurance is sometimes called Limited Comprehensive Insurance or Specified Perils Insurance.
- Classic car insurance**: Classic cars are usually more valuable – and harder to repair – than modern vehicles. If you own one, you may need a dedicated classic car policy.

At the bottom of the page, there are three small circular icons numbered 1, 2, and 3.

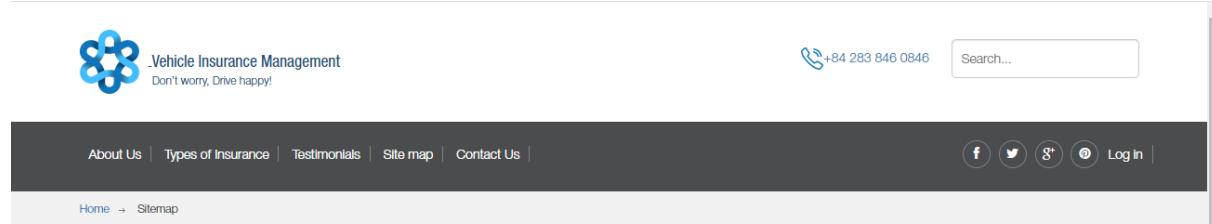
Contact:  
590 CMTB ST, District 3, HCM City  
Phone: +84 283 846 0846  
aptech.hn@fpt.edu.vn

VM  
About us  
Types of Insurance  
Testimonials  
Site map  
Contact Us

Products  
Young drivers  
Business car insurance  
Classic car insurance  
Third-party  
Fire & Theft

## Testimonials

# Site map



The screenshot shows the homepage of the Vehicle Insurance Management (VIM) website. At the top left is the VIM logo with the tagline "Don't worry, Drive happy!". To the right is a phone icon followed by the phone number "+84 283 846 0846". A search bar with the placeholder "Search..." is also present. Below the header, there is a navigation bar with links to "About Us", "Types of Insurance", "Testimonials", "Site map", and "Contact Us". On the far right of the navigation bar are social media icons for Facebook, Twitter, Google+, and Email, along with a "Log In" button. The main content area shows a breadcrumb trail: "Home → Sitemap".

## Sitemap

### About Us

### Types of Insurance

- Young drivers
- Multi-car insurance
- European car insurance
- Business car insurance
- Third party insurance
- Telematics insurance
- Fire and Theft insurance
- Classic car insurance

### Testimonials

### Site map

### Contact Us

Contact  
590 CMT8 St, District 3, HCM City  
Phone: +84 283 846 0846  
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VIM  
About us  
Types of Insurance  
Testimonials  
Site map  
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Products  
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Third-party  
Fire & Theft

[Home](#) | [About us](#) | [Types of Insurance](#) | [Testimonials](#) | [Site map](#) | [Contact Us](#)

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### Contact Us



.Vehicle Insurance Management  
Don't worry, Drive happy!

+84 283 846 0846

About Us | Types of Insurance | Testimonials | Site map | Contact Us | [Log In](#)

Home → Contact

FPT-Aptech Computer Educati...  
590 Cách Mạng Tháng Tám, Phường 11, Quận 3, Hồ Chí Minh 723564  
3.7 ★★★★☆ 30 reviews  
[View larger map](#)

Directions



Map data ©2020 Google Terms of Use

**Address**

**Vehicle Insurance Management**

590 CMT8 St. District 3, HCM City  
Phone: +84 283 846 0846  
aptech.hn@fpt.edu.vn

**Contact form**

Your name... Email... Website...

Message...

**Send message**

Contact  
590 CMT8 St. District 3, HCM City  
Phone: +84 283 846 0846  
aptech.hn@fpt.edu.vn

VIM  
About us  
Types of Insurance  
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Products  
Young drivers  
Business car insurance  
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Third-party  
Fire & Theft

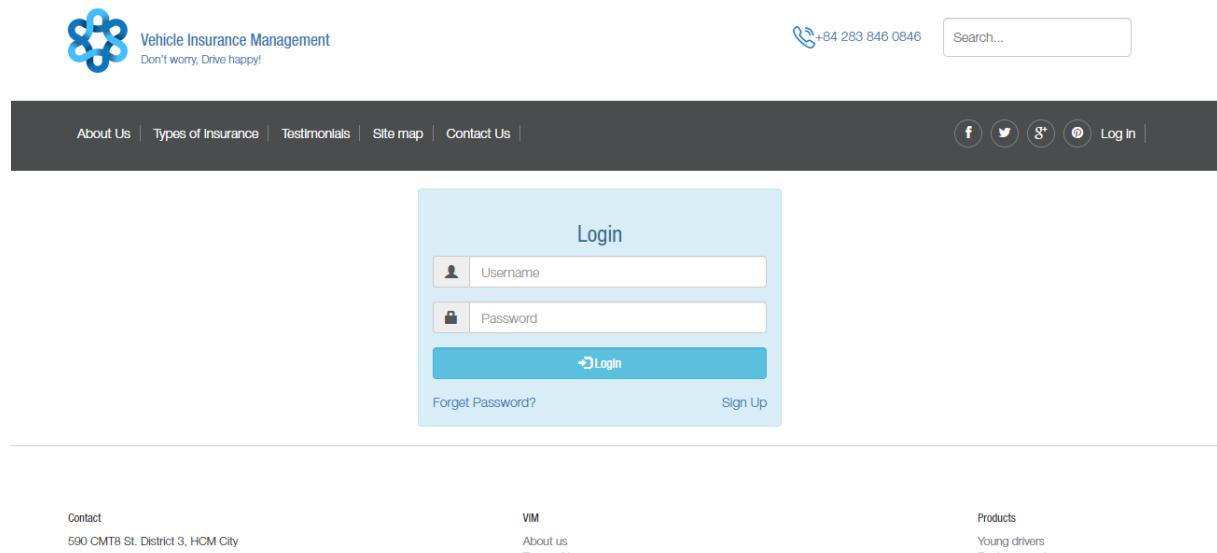
Home | About us | Types of Insurance | Testimonials | Site map | Contact Us  
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## Customer – Login | Register | Forget Password

### Login

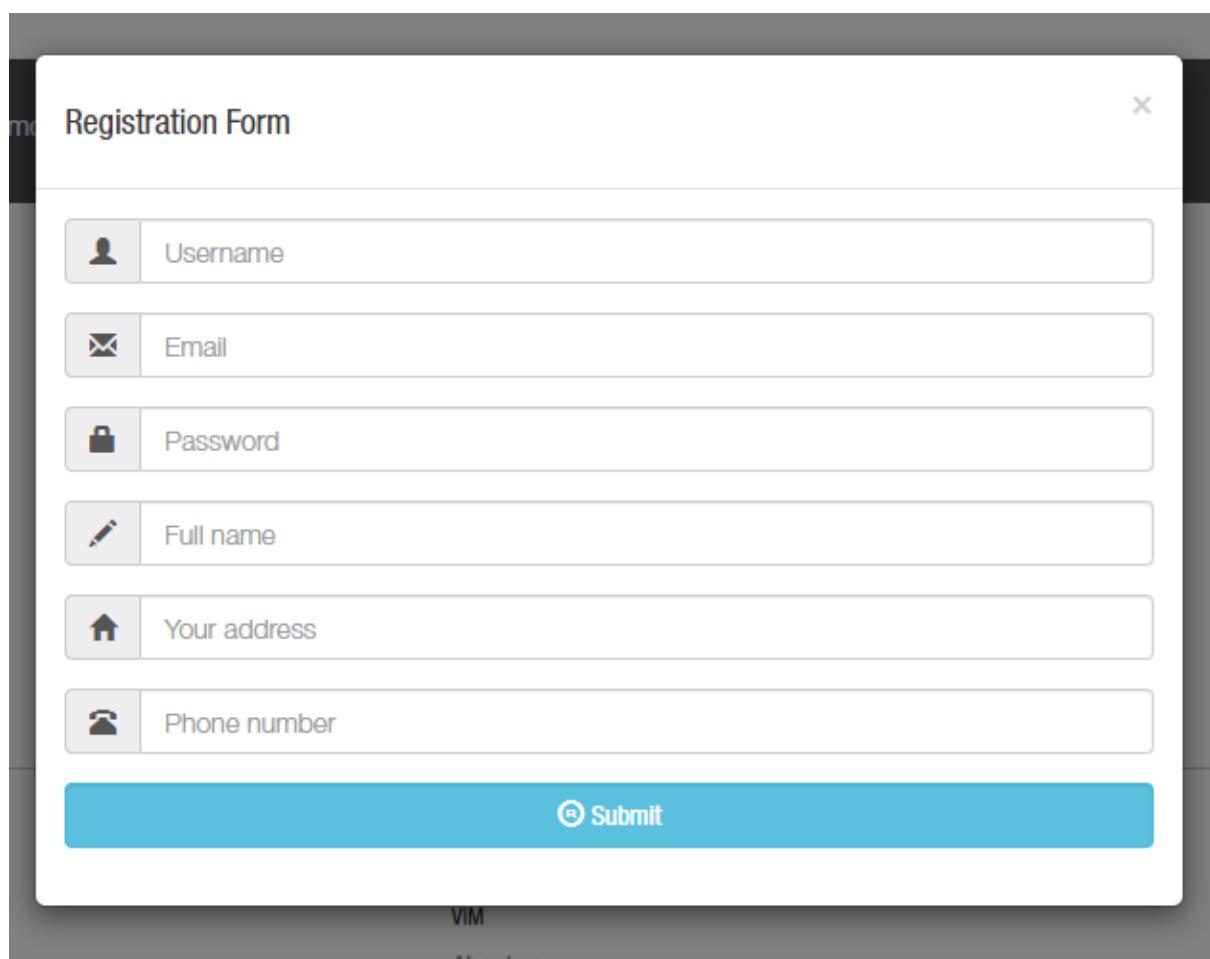
The customer can login by username & password.

If you don't have account yet, you can sign up and register new account. The new account must have activation from your email.



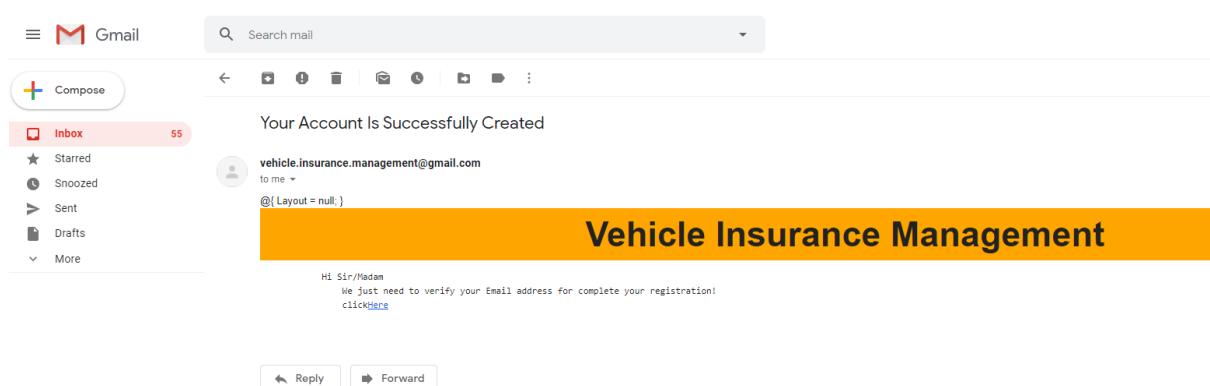
The screenshot shows the VIM website's header with a blue logo, the text "Vehicle Insurance Management", and the tagline "Don't worry, Drive happy!". It includes a phone number (+84 283 846 0846), a search bar, and social media links for Facebook, Twitter, Google+, and LinkedIn. Below the header is a dark navigation bar with links: About Us, Types of Insurance, Testimonials, Site map, Contact Us, Log In, and a language switcher. The main content area features a light blue "Login" form with fields for Username and Password, a "Login" button, and links for "Forgot Password?" and "Sign Up". At the bottom of the page is a footer with three columns: "Contact" (Address: 590 CMT8 St. District 3, HCM City, Phone: +84 283 846 0846, Email: aptech.hn@fpt.edu.vn), "VIM" (About us, Types of Insurance, Testimonials, Site map, Contact Us), and "Products" (Young drivers, Business car insurance, Classic car insurance, Third-party, Fire & Theft). The footer also contains a copyright notice: "Copyright 2020 Vehicle Insurance Management. Designed by H-HTT. All rights reserved."

### Register



The image shows a registration form titled "Registration Form". It contains six input fields with icons: "Username" (user icon), "Email" (envelope icon), "Password" (padlock icon), "Full name" (pencil icon), "Your address" (house icon), and "Phone number" (phone icon). Below the fields is a blue "Submit" button with a circular arrow icon. At the bottom of the form, there are links for "VIM" and "About us".

Email confirmation sent to email

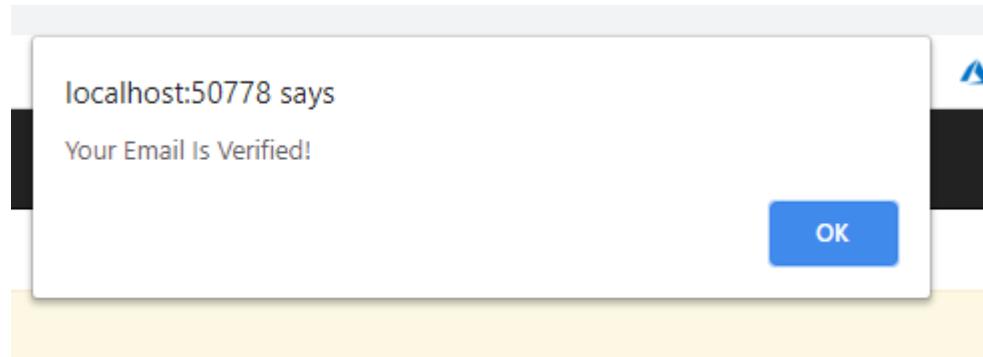


Confirm the email

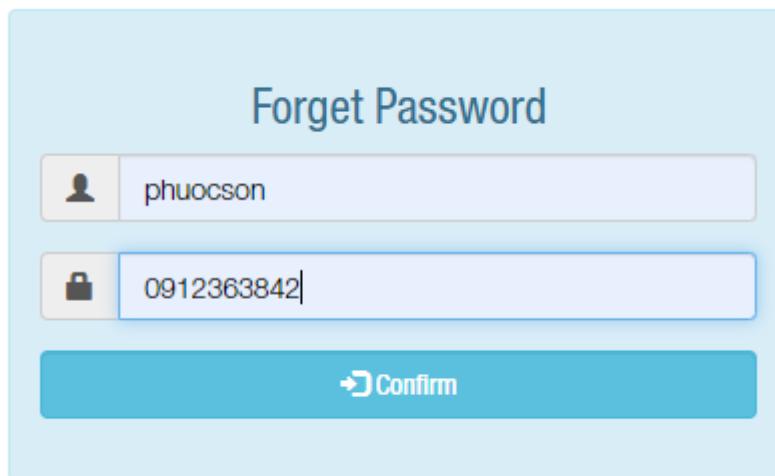


© 2020 - My ASP.NET Application

Email confirmed



**Forget Password**



Forget Password

 phuocson
 0912363842
<b>Confirm</b>

## Confirm New Password

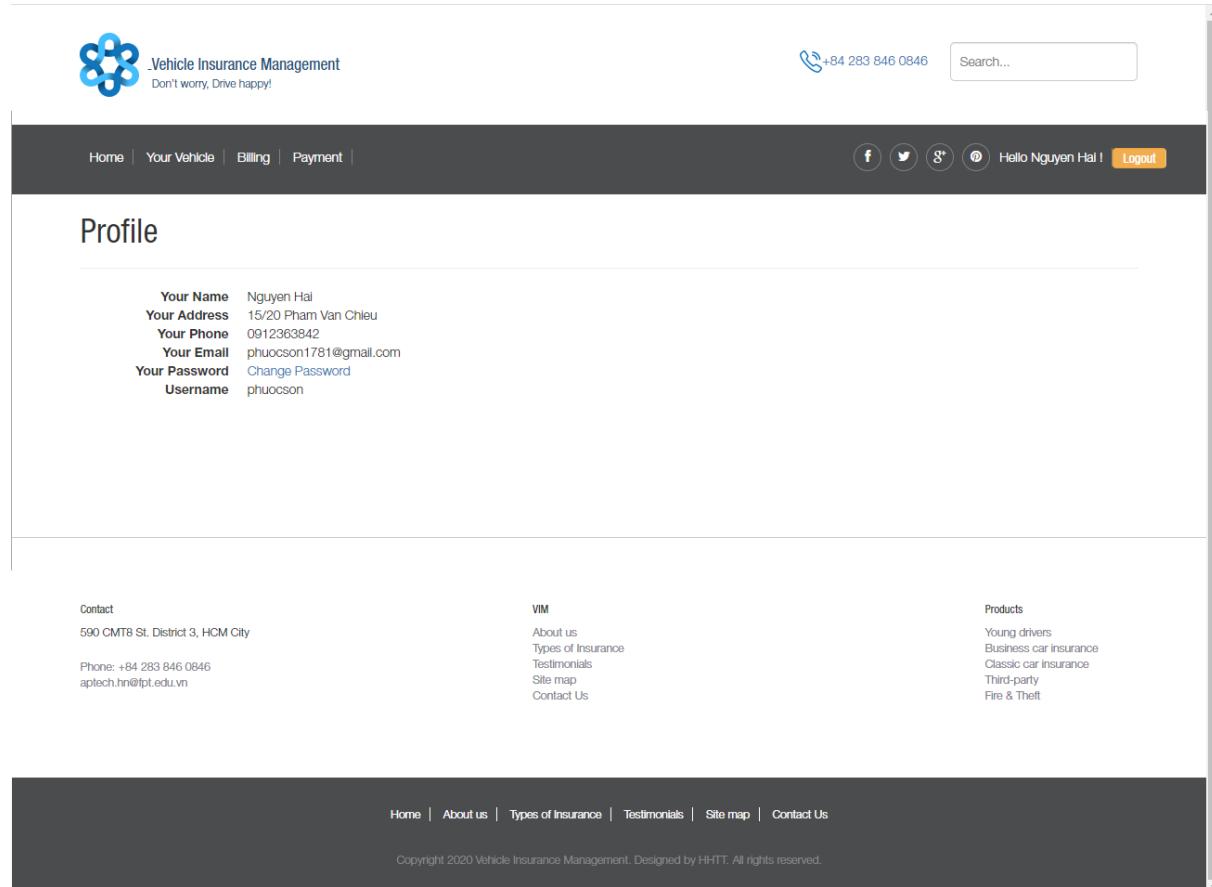
🔒 New Password

🔒 New Password Confirm

⌚ Save

## Customer – profile

Registration information is unique and cannot be changed. The customer has only permission to change the password.



The screenshot shows the VIM website interface. At the top, there is a header with the VIM logo (a blue stylized gear icon), the text ".Vehicle Insurance Management", "Don't worry, Drive happy!", a phone number "+84 283 846 0846", a search bar, and social media links for Facebook, Twitter, and Google+. Below the header, a dark navigation bar contains links for "Home", "Your Vehicle", "Billing", "Payment", "Hello Nguyen Hai!", and "Logout". The main content area is titled "Profile". It displays the following user information:

Your Name	Nguyen Hai
Your Address	15/20 Pham Van Chieu
Your Phone	0912363842
Your Email	phuocson1781@gmail.com
Your Password	<a href="#">Change Password</a>
Username	phuocson

At the bottom of the page, there are three columns: "Contact" (with address 590 CMT8 St. District 3, HCM City, phone +84 283 846 0846, email aptech.hn@fpt.edu.vn), "VIM" (with links to About us, Types of Insurance, Testimonials, Site map, and Contact Us), and "Products" (with links to Young drivers, Business car insurance, Classic car insurance, Third-party, and Fire & Theft).

At the very bottom of the page, a footer bar contains links for Home, About us, Types of Insurance, Testimonials, Site map, and Contact Us, followed by a copyright notice: "Copyright 2020 Vehicle Insurance Management. Designed by HHIT. All rights reserved."

### Customer – Your vehicle

Features:

- New Vehicle: Create the new vehicle, customer can own multiple vehicles
- Create Estimate: Buy new insurance for vehicle. Each vehicle can buy many insurance
- Details: Show all information about your vehicle include:
  - Owner name
  - Model
  - Version
  - Name
  - Price
  - Body number
  - Engine number



### YOUR VEHICLES

List all your vehicles

#### New Vehicle

No.	Owner Name	Vehicle Name	Price	Actions
1	Hai	City	559,000,000.00 VND	Create Estimate   Details
2	Nha	Everest	999,000,000.00 VND	Create Estimate   Details
3	bul	GX 460	5,690,000,000.00 VND	Create Estimate   Details

Contact  
590 CMT8 St. District 3, HCM City  
Phone: +84 283 846 0846  
aptech.hn@fpt.edu.vn

VIM  
About us  
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### Create new vehicle

Which create new vehicle, all the field will depend on validation.

## eProject: VEHICLE INSURANCE MANAGEMENT

---

Choose turn in order: Vehicle Mode → Vehicle Version → Vehicle.

Vehicle Rate will automatically show up.

### NEW VEHICLE

Create a new vehicle

Owner Name	<input type="text"/>
Vehicle Model	<input type="text" value="...Select a Model..."/>
Vehicle Version	<input type="text" value="--Select a Version--"/>
Vehicle Name	<input type="text" value="--Select a Name Vehicle--"/>
Vehicle Rate	<input type="text"/>
VIN No.	<input type="text"/>
Engine No.	<input type="text"/>
<input type="button" value="Create"/>	

[Back to List](#)

### Create estimate

### CREATE ESTIMATE

Customer Name	<input type="text" value="Nguyen Hai"/>
Customer Phone	<input type="text" value="0912363842"/>
Vehicle Name	<input type="text" value="City"/>
Vehicle Model	<input type="text" value="Honda"/>
Vehicle Rate	<input type="text" value="559,000,000.00"/>
Warranty	<input type="text" value="...Select a Warranty..."/>
Policy Type	<input type="text" value="...Select a Policy Type..."/>
<input type="button" value="Save"/>	

[Back to List](#)

Create insurance

## CREATE INSURANCE

<b>Customer Name</b>	Nguyen Hai
<b>Customer Address</b>	15/20 Pham Van Chieu
<b>Customer Phone</b>	0912363842
<b>Vehicle Model</b>	Honda
<b>Vehicle Name</b>	City
<b>Vehicle Version</b>	2020
<b>Vehicle BodyNo</b>	1235468hh25kkkkk7
<b>Vehicle EngineNo</b>	1234567893
<b>Vehicle Rate</b>	559,000,000.00
<b>Warranty</b>	2
<b>Policy Type</b>	Business car insurance
<b>Policy Date</b>	15/03/2020
<b>Policy Duration</b>	15/03/2022
<b>Additional Service</b>	...Select a Add Prove...

**Next**

[Back to List](#)

### Create Billing policy

## CREATE BILLING POLICY

<b>Policy Date</b>	15/03/2020
<b>Customer Name</b>	Nguyen Hai
<b>Customer Phone</b>	0912363842
<b>Vehicle Model</b>	Honda
<b>Vehicle Name</b>	City
<b>Vehicle Version</b>	2020
<b>Vehicle BodyNo</b>	1235468hh25kkkkk7
<b>Vehicle EngineNo</b>	1234567893
<b>Vehicle Rate</b>	559,000,000.00
<b>Additional Service</b>	Third-party
<b>Amount</b>	34,540,000.00
<b>Payment</b>	

[Back to List](#)

### Customer – Billing

Features:

- Details: Show all information about your insurance.
- Claim: Create the insurance claims payment process.

If any insurance for vehicle expired, the customer will not request claim payment, and the customer can see the insurance has expired.



The screenshot shows the homepage of the Vehicle Insurance Management (VIM) system. At the top, there's a logo with a blue gear-like icon and the text "Vehicle Insurance Management" followed by the tagline "Don't worry, Drive happy!". To the right is a phone icon and the number "+84 283 846 0846". A search bar with the placeholder "Search..." is also present. Below the header, a dark navigation bar contains links for "Home", "Your Vehicle", "Billing", "Paid Status", and social media icons for Facebook, Twitter, and Google+. On the right of the bar are the greetings "Hello Nguyen Hai I" and a "Logout" button. The main content area features a section titled "BILLING POLICY" with the subtitle "List all your billing". It displays a table of vehicle insurance details, including the vehicle name, start date, end date, amount, and actions (Details | Claim). The last row for a Honda City 2020 from January 26, 2019, to January 26, 2020, includes a red note: "Your insurance is expired".

Contact  
590 CMT8 St. District 3, HCM City  
Phone: +84 283 846 0846  
aptech.hn@fpt.edu.vn

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The footer of the website contains a dark gray background with white text. It includes links for "Home", "About us", "Types of Insurance", "Testimonials", "Site map", and "Contact Us". Below these links is a copyright notice: "Copyright 2020 Vehicle Insurance Management. Designed by HFTT. All rights reserved."

### Billing policy details

## BILLING POLICY DETAILS

<b>Vehicle Owner Name</b>	Hai
<b>Vehicle Model</b>	Honda
<b>Vehicle Name</b>	City
<b>Vehicle Version</b>	2020
<b>Vehicle BodyNo</b>	1235468hh25kkkk7
<b>Vehicle EngineNo</b>	1234567893
<b>Vehicle Rate</b>	559,000,000.00 VND
<b>Insurance Type</b>	Young drivers
<b>Additional Service</b>	Theft
<b>Start Date</b>	15-03-2020
<b>End Date</b>	15/03/2021
<b>Insurance Amount</b>	<b>37,540,000.00 VND</b>

[Back to List](#)

### Request a claim

## REQUEST A CLAIM

Fill the information when you have a problem with your car

Owner Name	<input type="text" value="Hai"/>
Vehicle Name	<input type="text" value="City"/>
Insurance Start Date	<input type="text" value="Sunday, 15 March 2020"/>
End Date	<input type="text" value="Monday, 15 March 2021"/>
Place of Accident	<input type="text"/>
Date of Accident	<input type="text" value="dd/mm/yyyy"/>
<input type="button" value="Create"/>	

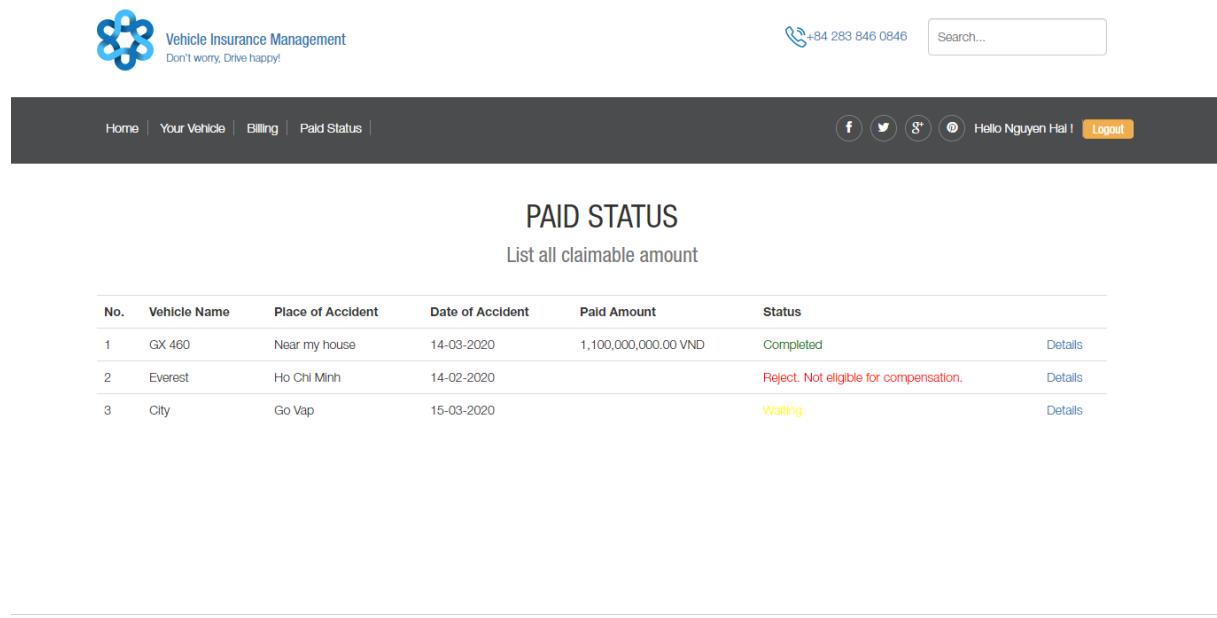
[Back to List](#)

### Customer – Paid Status

The paid status show information about requisition payment when your vehicle has been an accident.

Which:

- **Completed:** the request has paid successfully
- **Reject:** the request do not eligible for compensation
- **Waiting:** the request waiting process from insurance company.



The screenshot shows the VIM application interface. At the top, there is a logo with a blue gear icon and the text "Vehicle Insurance Management" followed by the tagline "Don't worry, Drive happy!". To the right of the logo are icons for a phone (+84 283 846 0846), a search bar, and social media links (Facebook, Twitter, Google+, LinkedIn). Below the header, a navigation bar includes links for Home, Your Vehicle, Billing, Paid Status, and Logout. The main content area is titled "PAID STATUS" and subtitle "List all claimable amount". A table displays three rows of accident details:

No.	Vehicle Name	Place of Accident	Date of Accident	Paid Amount	Status
1	GX 460	Near my house	14-03-2020	1,100,000,000.00 VND	Completed
2	Everest	Ho Chi Minh	14-02-2020		Reject. Not eligible for compensation.
3	City	Go Vap	15-03-2020		Waiting

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Phone: +84 283 846 0846  
aptech.hn@pt.edu.vn

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The footer contains links for Home, About us, Types of Insurance, Testimonials, Site map, and Contact Us. It also includes a copyright notice: "Copyright 2020 Vehicle Insurance Management. Designed by HHTT. All rights reserved."

## Claim Details

### DETAILS CLAIM

<b>Customer Name</b>	Nguyen Hai
<b>Customer Phone</b>	0912363842
<b>Customer Address</b>	15/20 Pham Van Chieu
<b>Policy Start Date</b>	14-03-2020
<b>Policy End Date</b>	14-03-2021
<b>Insured Amount</b>	342,400,000.00 VND
<b>Vehicle Name</b>	Lexus GX 460 2019
<b>Date of Accident</b>	14-03-2020
<b>Place of Accident</b>	Near my house
<b>Claimable Amount</b>	<b>1,100,000,000.00 VND</b>

[Back to List](#)

**Completed**

### DETAILS CLAIM

<b>Customer Name</b>	Nguyen Hai
<b>Customer Phone</b>	0912363842
<b>Customer Address</b>	15/20 Pham Van Chieu
<b>Policy Start Date</b>	11-06-2019
<b>Policy End Date</b>	11-06-2020
<b>Insured Amount</b>	70,930,000.00 VND
<b>Vehicle Name</b>	Ford Everest 2019
<b>Date of Accident</b>	14-02-2020
<b>Place of Accident</b>	Ho Chi Minh
<b>Claimable Amount</b>	<b>Reject. Not eligible for compensation.</b>

[Back to List](#)

**Reject**

### DETAILS CLAIM

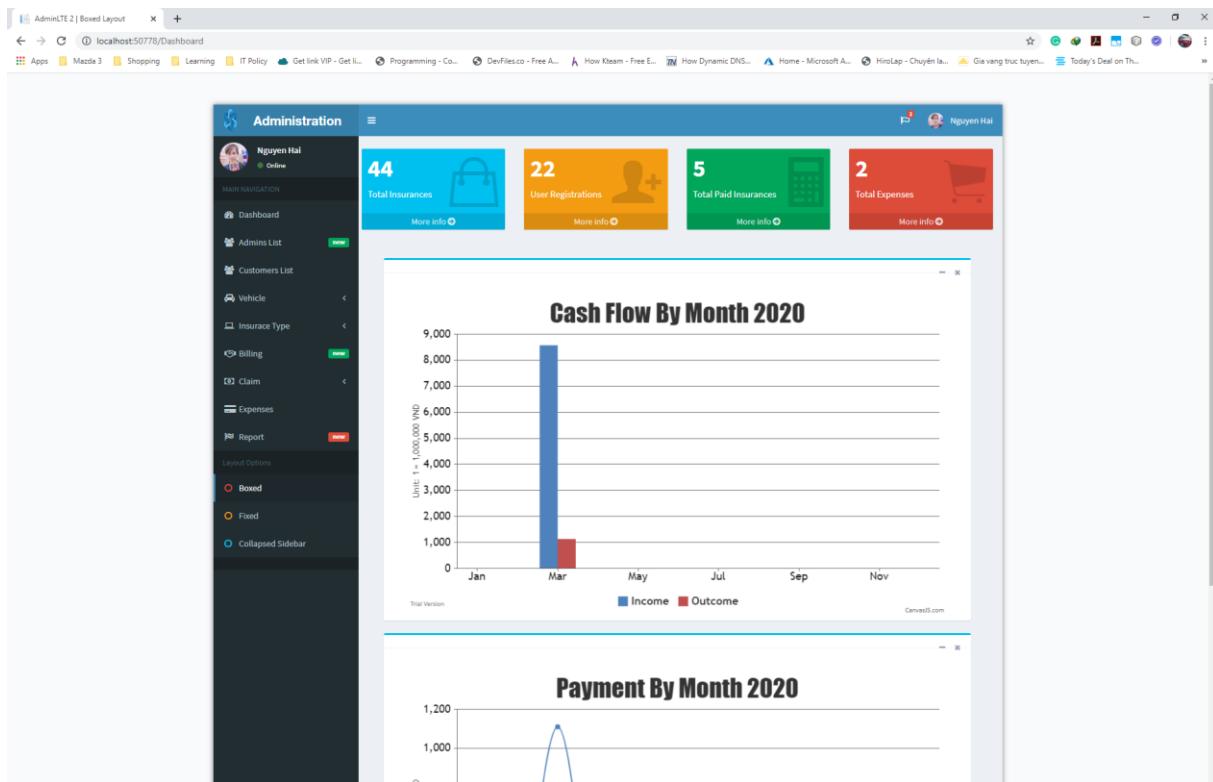
<b>Customer Name</b>	Nguyen Hai
<b>Customer Phone</b>	0912363842
<b>Customer Address</b>	15/20 Pham Van Chieu
<b>Policy Start Date</b>	14-03-2020
<b>Policy End Date</b>	14-03-2021
<b>Insured Amount</b>	342,400,000.00 VND
<b>Vehicle Name</b>	Lexus GX 460 2019
<b>Date of Accident</b>	15-03-2020
<b>Place of Accident</b>	California
<b>Claimable Amount</b>	<b>Waiting...</b>

[Back to List](#)

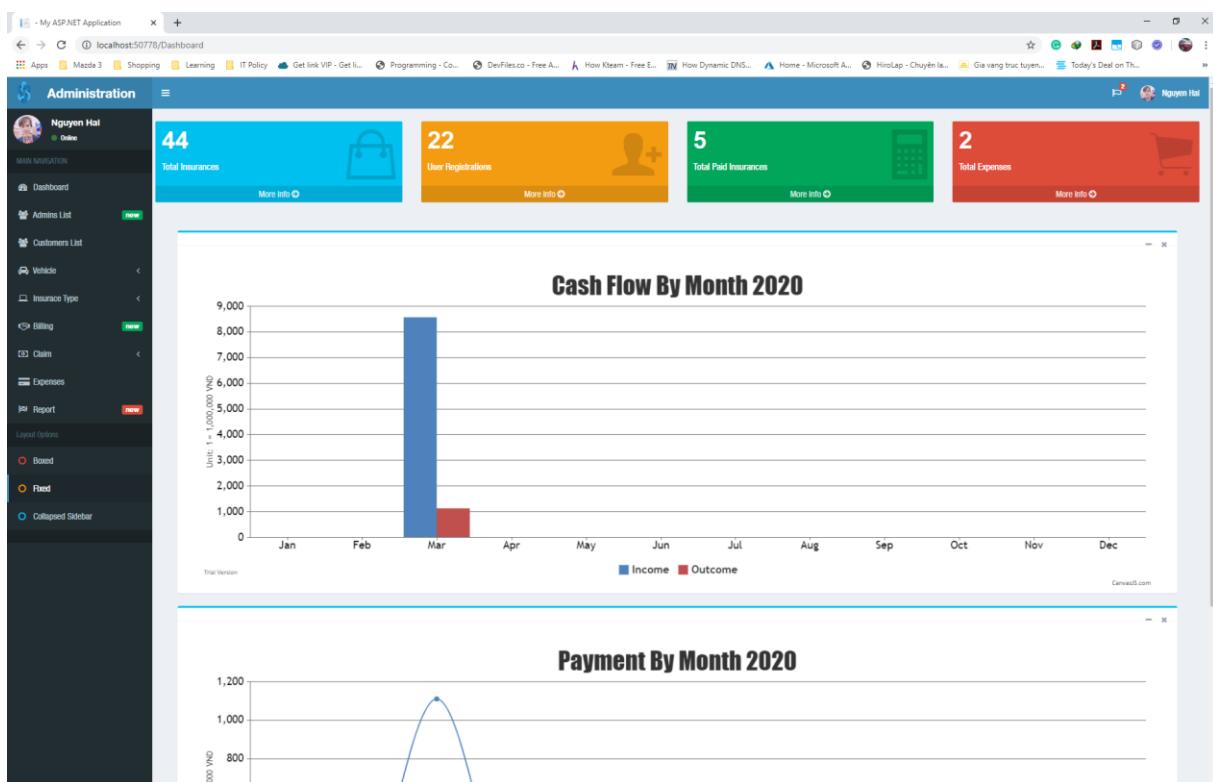
**Waiting...**

## eProject: VEHICLE INSURANCE MANAGEMENT

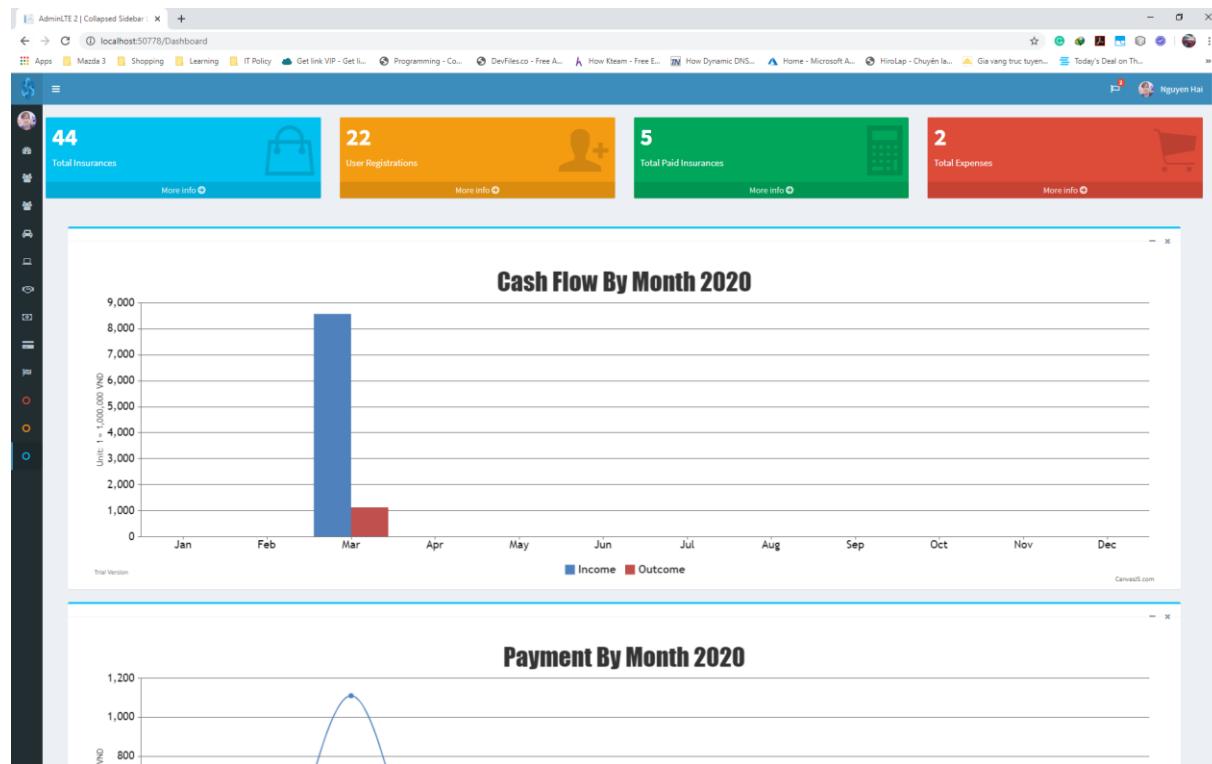
### Admin – Layout – Boxed



### Admin – Layout – Fixed



## Admin – Layout – Collapsed Sidebar



## Admin – Dashboard

Show the information about:

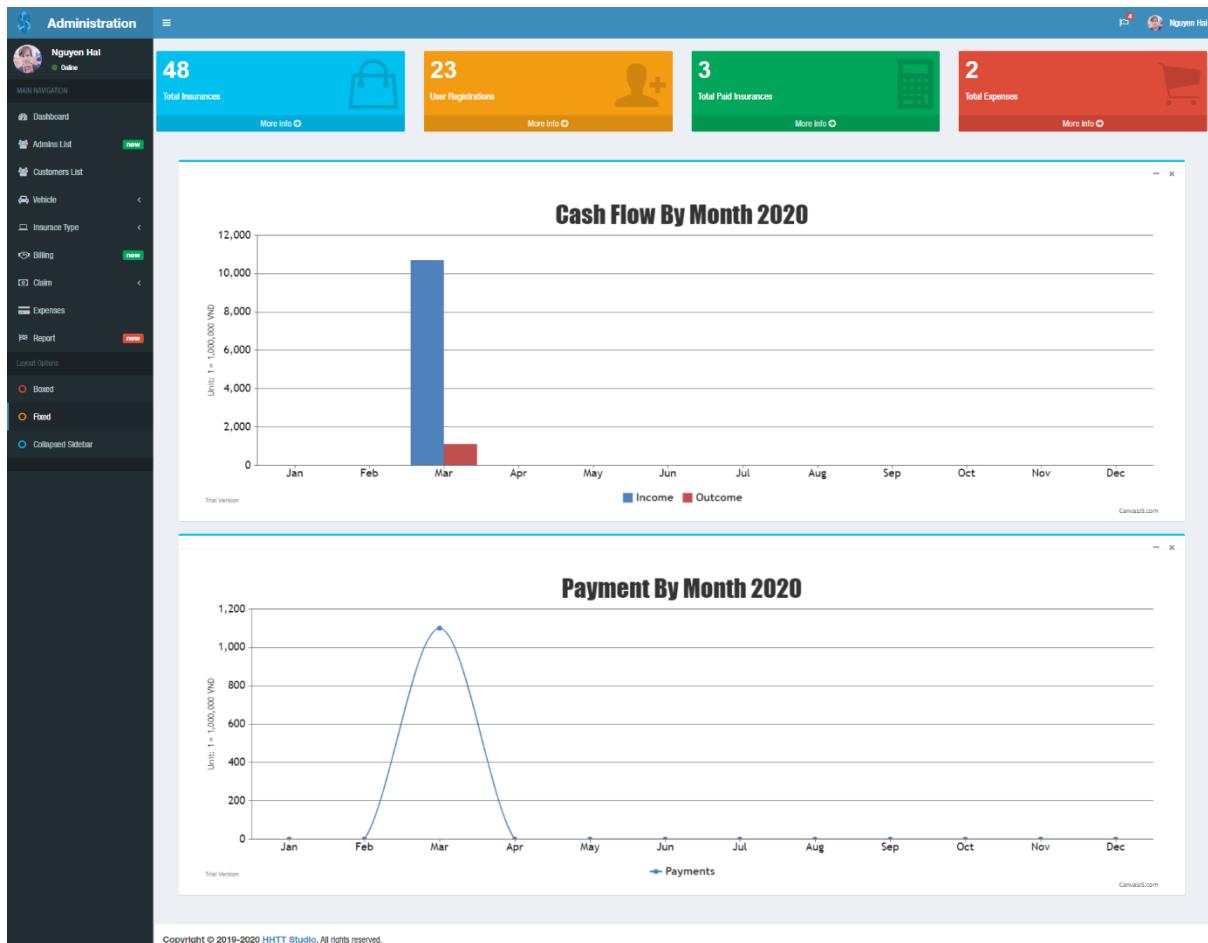
- Total Insurance
- User Registrations
- Total Paid Insurances
- Total Expenses

Show the map about cash flow and payment by monthly.

Navigation menu shows on the left of page

- Dashboard
- Admin List
- Customer List
- Vehicle
  - Vehicle List
  - Vehicle Model
  - Vehicle Version
  - Vehicle Name

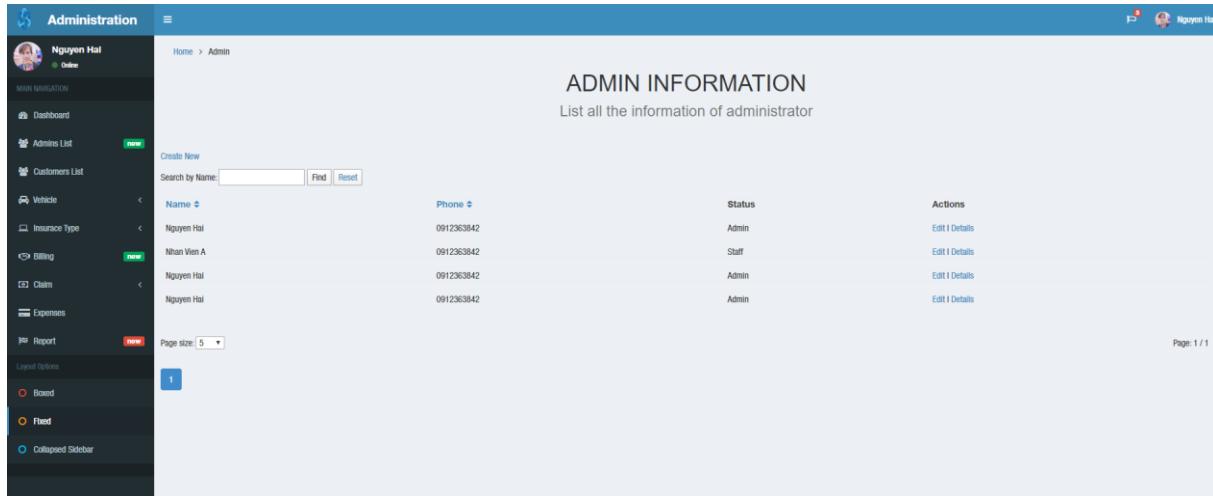
- Insurance Type
  - Vehicle Warranty
  - Vehicle Policy Type
  - Add Prove
- Billing
- Claim
  - Process
  - Success
- Expenses
- Report



## Admin – Admin List

Feature:

- Create new
- Search by name
- Sort by fields and sort in search
- Edit | Detail



The screenshot shows the 'ADMIN INFORMATION' page. The title is 'ADMIN INFORMATION' and the subtitle is 'List all the information of administrator'. There is a search bar with placeholder 'Search by Name:' and buttons 'Find' and 'Reset'. Below the search bar is a table with columns: 'Name', 'Phone', 'Status', and 'Actions'. The data in the table is as follows:

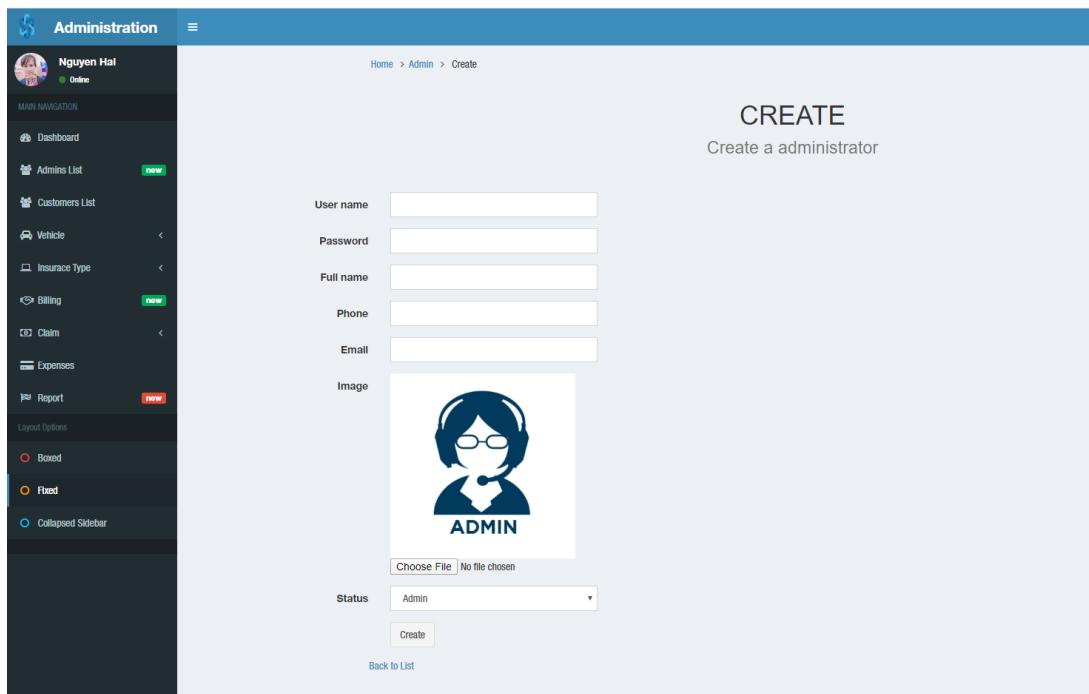
Name	Phone	Status	Actions
Nguyen Hai	0912363842	Admin	Edit   Details
Nhan Vien A	0912363842	Staff	Edit   Details
Nguyen Hai	0912363842	Admin	Edit   Details
Nguyen Hai	0912363842	Admin	Edit   Details

At the bottom left, there is a 'Create New' button. At the bottom right, it says 'Page: 1 / 1'.

## Create new admin / staff

Status **admin**: you have all permission in admin template

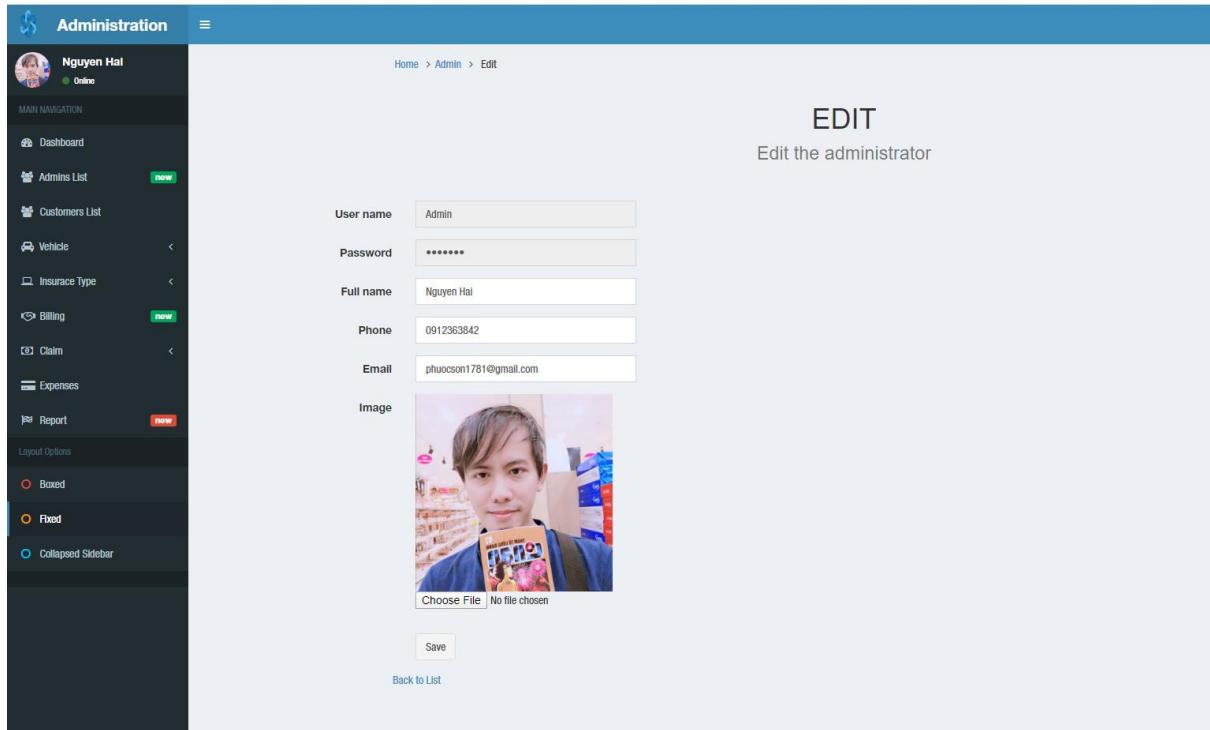
Status **staff**: you don't have permission create or edit admin account in Admin List menu.



The screenshot shows the 'CREATE' page for creating a new administrator. The title is 'CREATE' and the subtitle is 'Create a administrator'. The form fields are: 'User name', 'Password', 'Full name', 'Phone', 'Email', and 'Image'. An image placeholder shows a person with glasses and the word 'ADMIN'. Below the image is a file input field 'Choose File' with 'No file chosen' and a status dropdown set to 'Admin'. At the bottom are 'Create' and 'Back to List' buttons.

### Edit admin account

Admin can change Full name, phone, email and image



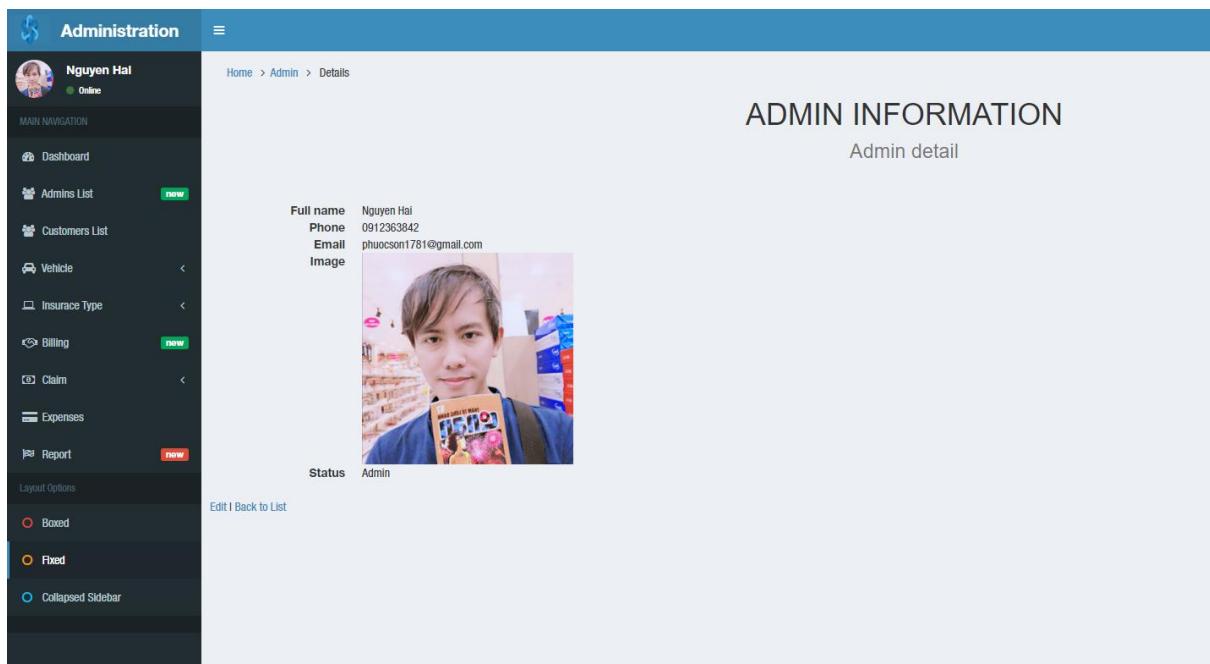
**EDIT**  
Edit the administrator

User name	Admin
Password	*****
Full name	Nguyen Hai
Phone	0912363842
Email	phuocson1781@gmail.com
Image	

Choose File | No file chosen

[Back to List](#)

### Admin details



**ADMIN INFORMATION**  
Admin detail

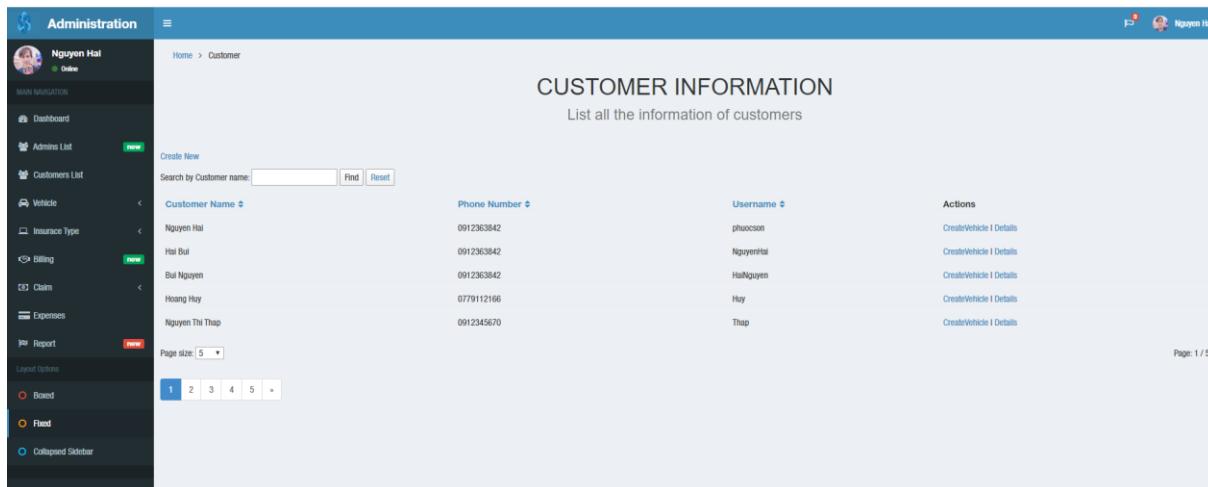
Full name	Nguyen Hai
Phone	0912363842
Email	phuocson1781@gmail.com
Image	
Status	Admin

[Edit](#) | [Back to List](#)

## Admin – Customer List

Feature:

- Create new customer
- Search by customer name
- Sort by fields and sort in search
- Show the row number on a page
- Page 1, 2, 3, ...
- Create Vehicle
- Detail



The screenshot shows the 'Customer' list page within an 'Administration' application. The left sidebar includes links for Dashboard, Admin List, Customers List (selected), Vehicle, Insurance Type, Billing, Claim, Expenses, Report, and Layout Options. The main area has a title 'CUSTOMER INFORMATION' and a subtitle 'List all the information of customers'. It features a search bar ('Search by Customer name:'), a 'Create New' button, and a table with columns: Customer Name, Phone Number, Username, and Actions. The table data is as follows:

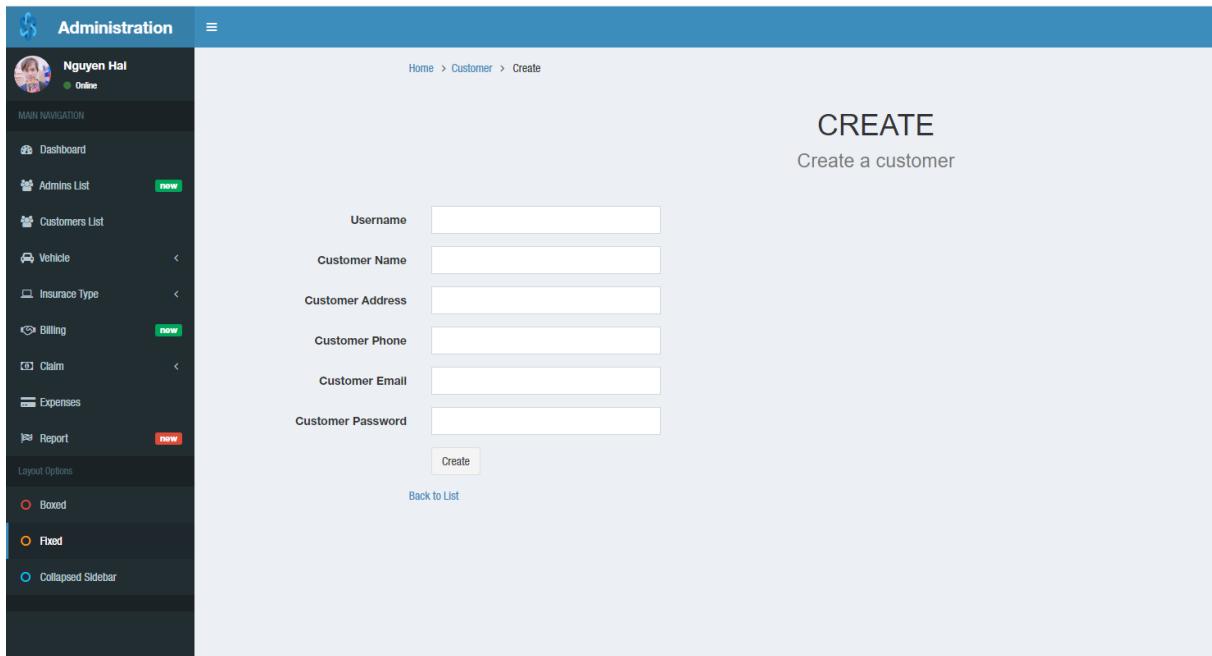
Customer Name	Phone Number	Username	Actions
Nguyen Hai	0912363842	phuocson	CreateVehicle   Details
Hai But	0912363842	NguyenHai	CreateVehicle   Details
Bat Nguyen	0912363842	HaNguyen	CreateVehicle   Details
Hoang Huy	079112166	Huy	CreateVehicle   Details
Nguyen Thi Thap	0912345670	Thap	CreateVehicle   Details

Page size: 5

Page: 1 / 5

## eProject: VEHICLE INSURANCE MANAGEMENT

### Create new customer



Administration

Nguyen Hai Online

MAIN NAVIGATION

- Dashboard
- Admins List new
- Customers List
- Vehicle <
- Insurance Type <
- Billing new
- Claim <
- Expenses
- Report new

Layout Options

- Boxed
- Fixed selected
- Collapsed Sidebar

Home > Customer > Create

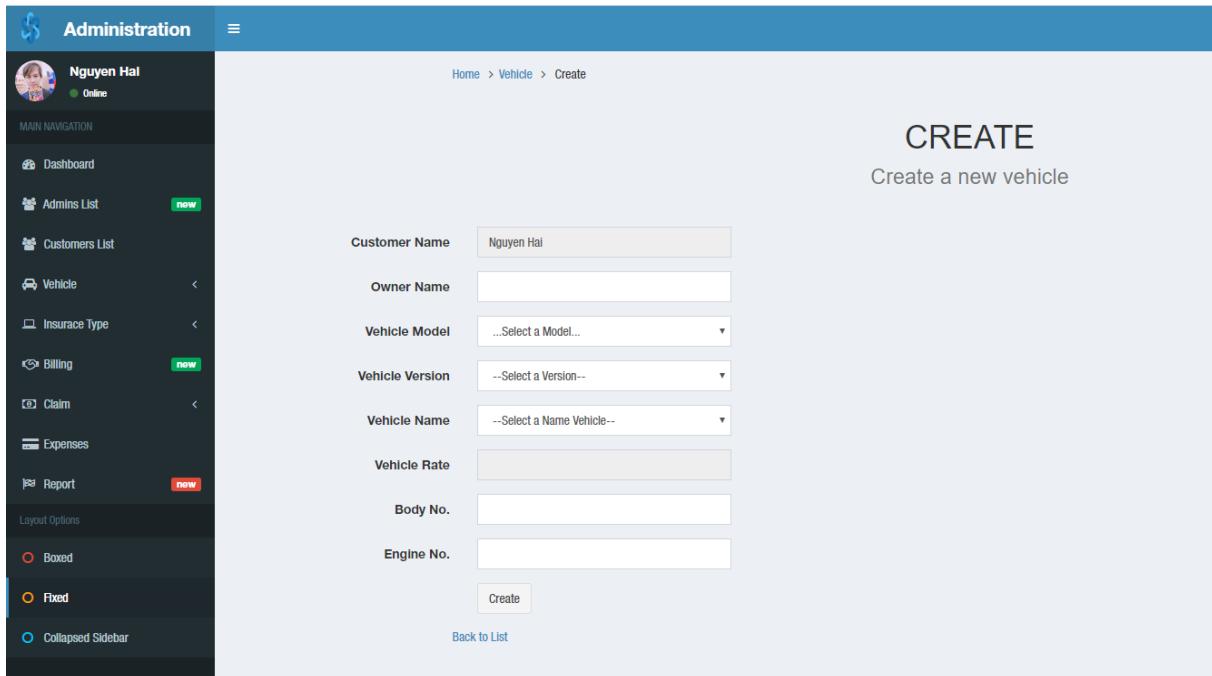
**CREATE**  
Create a customer

Username	<input type="text"/>
Customer Name	<input type="text"/>
Customer Address	<input type="text"/>
Customer Phone	<input type="text"/>
Customer Email	<input type="text"/>
Customer Password	<input type="text"/>

**Create**

[Back to List](#)

### Create new vehicle



Administration

Nguyen Hai Online

MAIN NAVIGATION

- Dashboard
- Admins List new
- Customers List
- Vehicle <
- Insurance Type <
- Billing new
- Claim <
- Expenses
- Report new

Layout Options

- Boxed
- Fixed selected
- Collapsed Sidebar

Home > Vehicle > Create

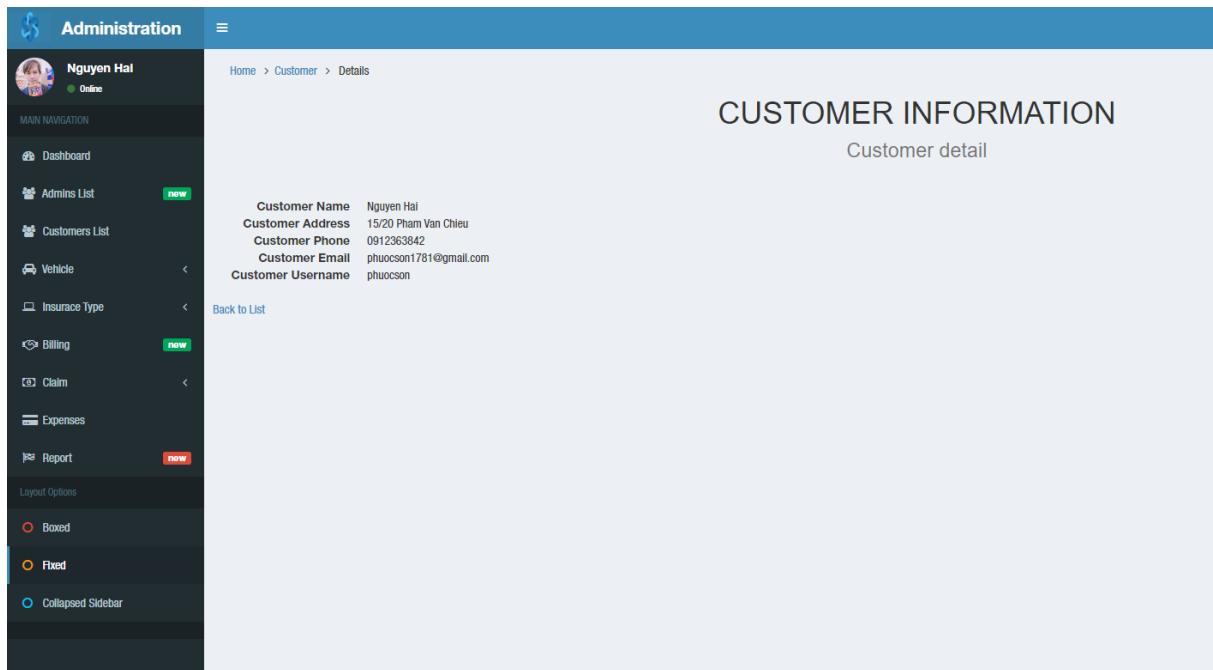
**CREATE**  
Create a new vehicle

Customer Name	<input type="text" value="Nguyen Hai"/>
Owner Name	<input type="text"/>
Vehicle Model	<input type="text" value="...Select a Model..."/>
Vehicle Version	<input type="text" value="--Select a Version--"/>
Vehicle Name	<input type="text" value="--Select a Name Vehicle--"/>
Vehicle Rate	<input type="text"/>
Body No.	<input type="text"/>
Engine No.	<input type="text"/>

**Create**

[Back to List](#)

## Customer details



**CUSTOMER INFORMATION**

Customer detail

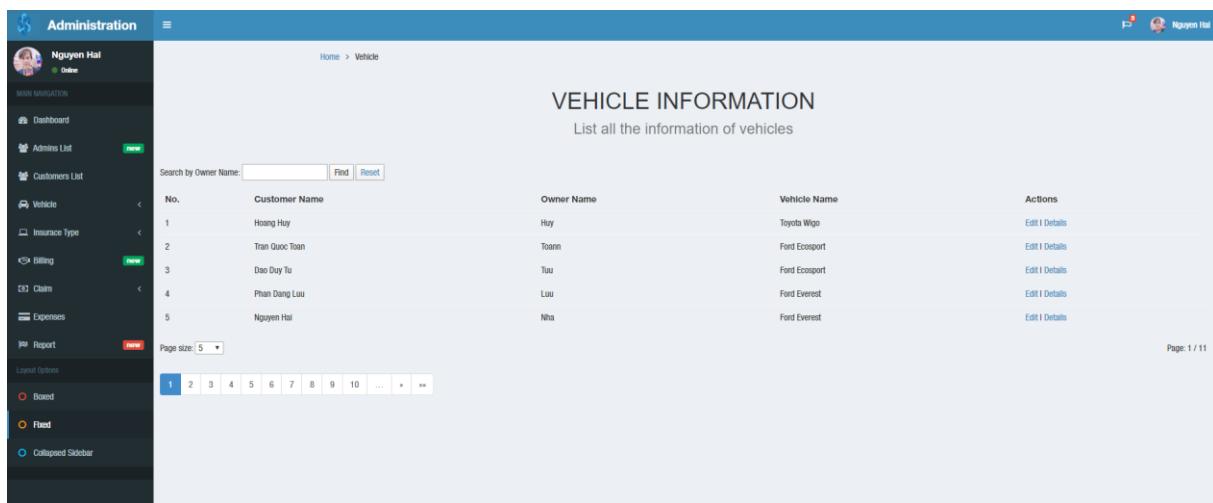
Customer Name	Nguyen Hai
Customer Address	15/20 Pham Van Chieu
Customer Phone	0912363842
Customer Email	phuocson1781@gmail.com
Customer Username	phuocson

[Back to List](#)

## Admin – Vehicle – Vehicle List

Feature:

- Search by owner name
- Show the row number on a page
- Page 1, 2, 3, ...
- Edit | Detail



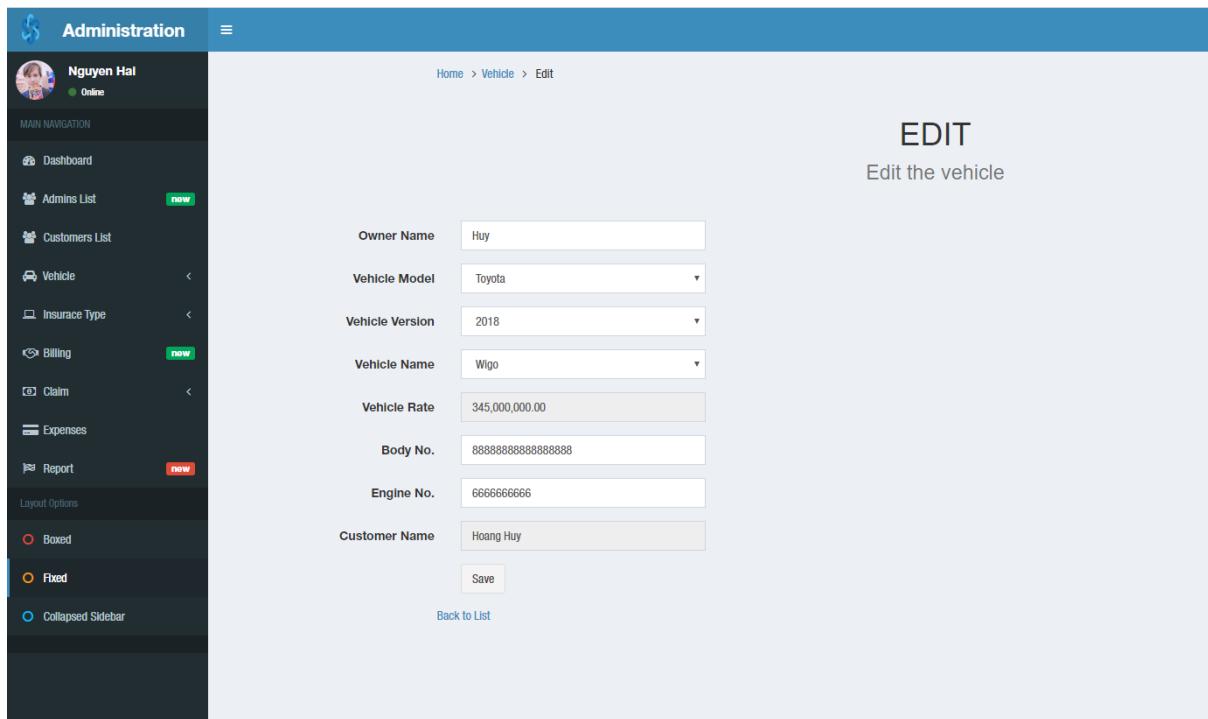
**VEHICLE INFORMATION**

List all the information of vehicles

No.	Customer Name	Owner Name	Vehicle Name	Actions
1	Hoang Huy	Huy	Toyota Wigo	<a href="#">Edit   Details</a>
2	Tran Quoc Toan	Toann	Ford Ecosport	<a href="#">Edit   Details</a>
3	Do Duy Tu	Tuu	Ford Ecosport	<a href="#">Edit   Details</a>
4	Phan Dang Luu	Luu	Ford Everest	<a href="#">Edit   Details</a>
5	Nguyen Hai	Nha	Ford Everest	<a href="#">Edit   Details</a>

Page size: 5

### Vehicle edits

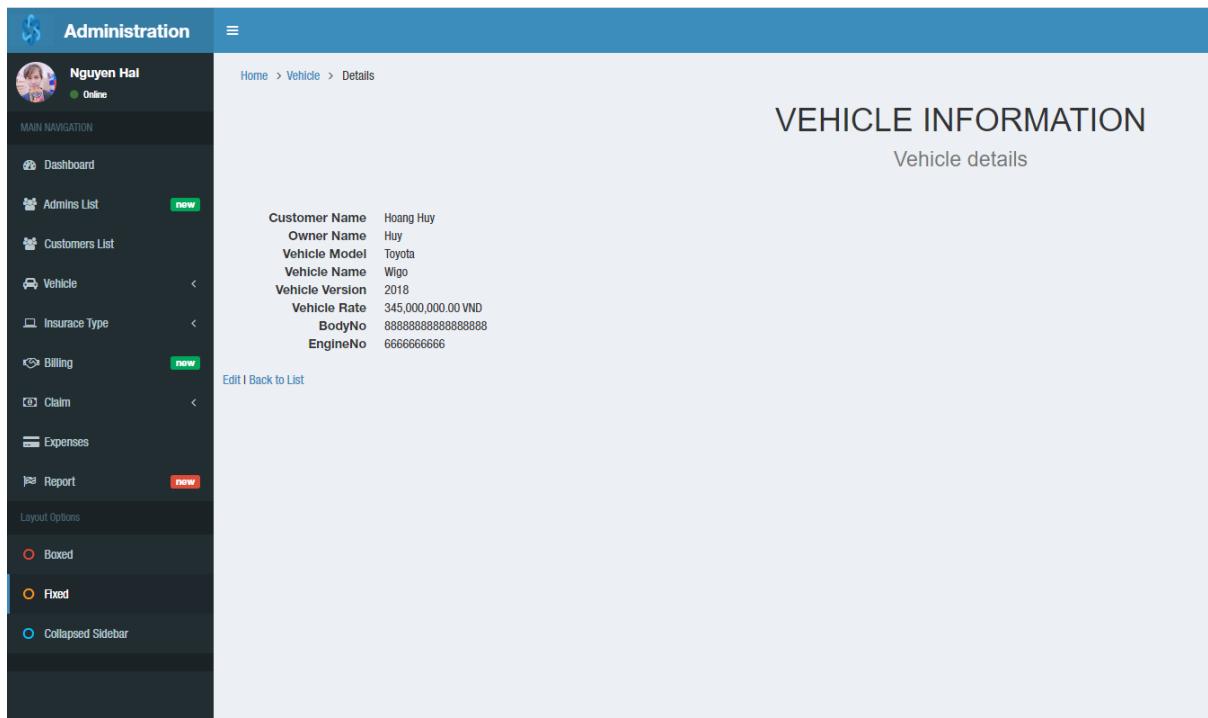


The screenshot shows the 'Edit' page for a vehicle. The left sidebar is titled 'Administration' and includes links for Dashboard, Admins List (highlighted), Customers List, Vehicle, Insurance Type, Billing, Claim, Expenses, Report, Layout Options, Boxed, Fixed, and Collapsed Sidebar. The main content area has a blue header 'EDIT' and the sub-header 'Edit the vehicle'. It contains the following form fields:

Owner Name	Huy
Vehicle Model	Toyota
Vehicle Version	2018
Vehicle Name	Wigo
Vehicle Rate	345,000,000.00
Body No.	8888888888888888
Engine No.	6666666666
Customer Name	Hoang Huy

At the bottom are 'Save' and 'Back to List' buttons.

### Vehicle details



The screenshot shows the 'Details' page for a vehicle. The left sidebar is identical to the previous screenshot. The main content area has a blue header 'VEHICLE INFORMATION' and the sub-header 'Vehicle details'. It displays the following vehicle information:

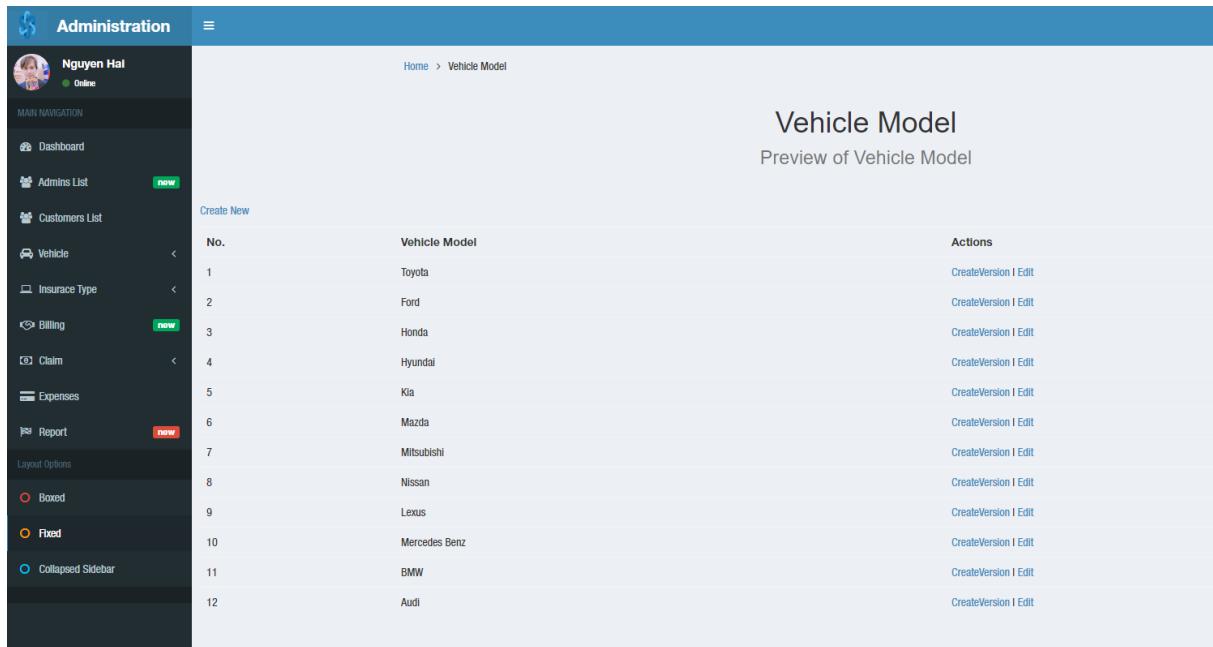
Customer Name	Hoang Huy
Owner Name	Huy
Vehicle Model	Toyota
Vehicle Name	Wigo
Vehicle Version	2018
Vehicle Rate	345,000,000.00 VND
BodyNo	8888888888888888
EngineNo	6666666666

At the bottom are 'Edit' and 'Back to List' buttons.

### Admin – Vehicle – Vehicle Model

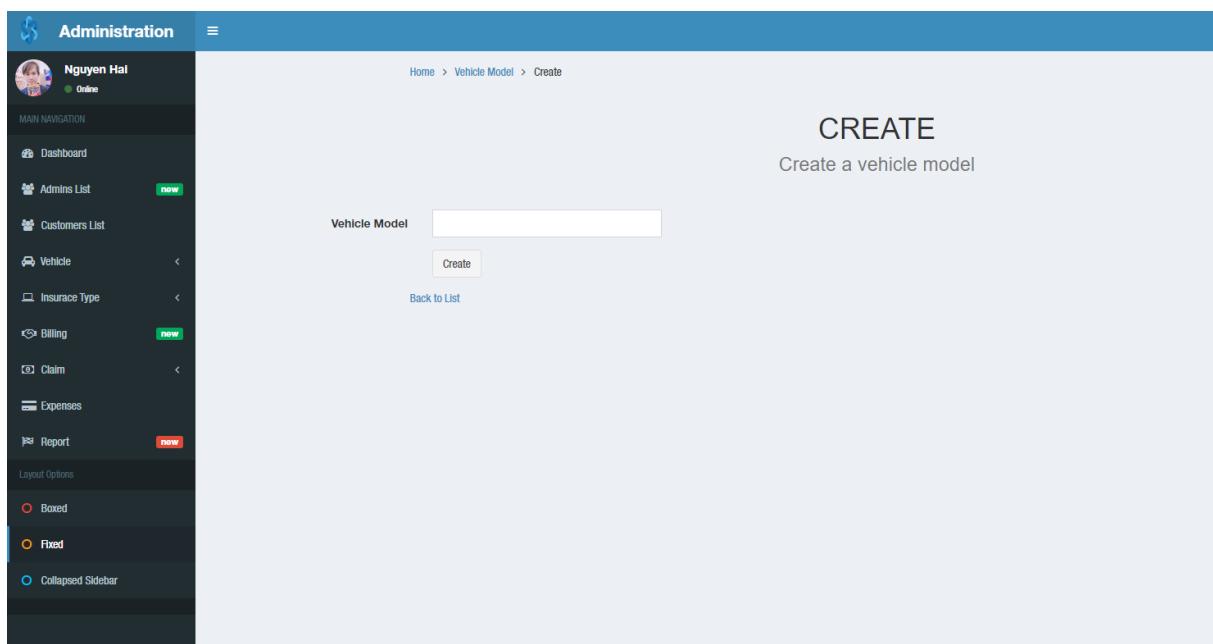
Feature:

- Create new
- Create Version
- Edit



No.	Vehicle Model	Actions
1	Toyota	CreateVersion   Edit
2	Ford	CreateVersion   Edit
3	Honda	CreateVersion   Edit
4	Hyundai	CreateVersion   Edit
5	Kia	CreateVersion   Edit
6	Mazda	CreateVersion   Edit
7	Mitsubishi	CreateVersion   Edit
8	Nissan	CreateVersion   Edit
9	Lexus	CreateVersion   Edit
10	Mercedes Benz	CreateVersion   Edit
11	BMW	CreateVersion   Edit
12	Audi	CreateVersion   Edit

### Create new model

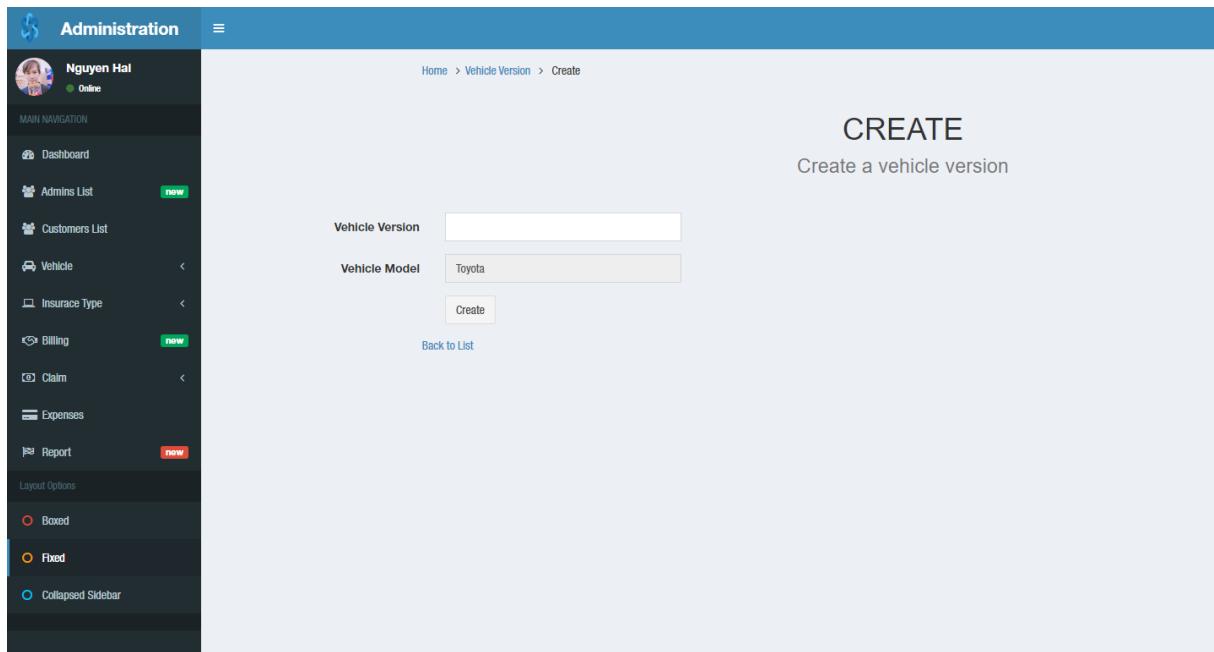


Vehicle Model

[Create](#)

[Back to List](#)

### Create vehicle version



Administration

Nguyen Hal Online

MAIN NAVIGATION

- Dashboard
- Admins List new
- Customers List
- Vehicle
- Insurance Type
- Billing new
- Claim
- Expenses
- Report new
- Layout Options
  - Boxed
  - Fixed (selected)
  - Collapsed Sidebar

Home > Vehicle Version > Create

**CREATE**

Create a vehicle version

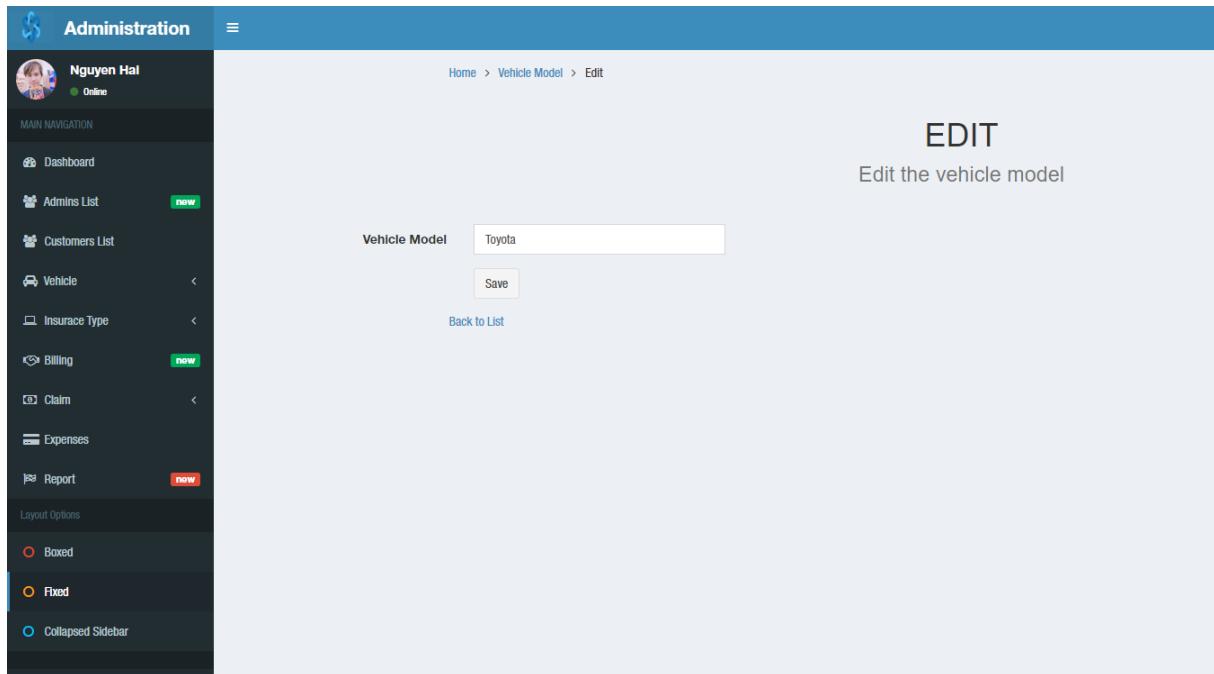
Vehicle Version:

Vehicle Model: Toyota

**Create**

[Back to List](#)

### Edit vehicle model



Administration

Nguyen Hal Online

MAIN NAVIGATION

- Dashboard
- Admins List new
- Customers List
- Vehicle
- Insurance Type
- Billing new
- Claim
- Expenses
- Report new
- Layout Options
  - Boxed
  - Fixed (selected)
  - Collapsed Sidebar

Home > Vehicle Model > Edit

**EDIT**

Edit the vehicle model

Vehicle Model: Toyota

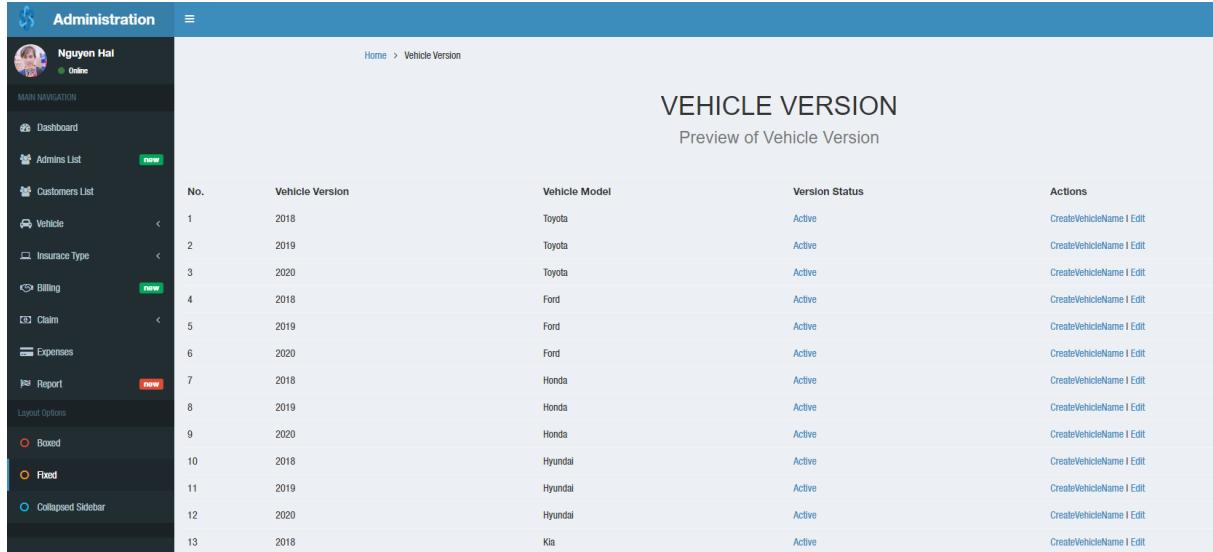
**Save**

[Back to List](#)

## Admin – Vehicle – Vehicle Version

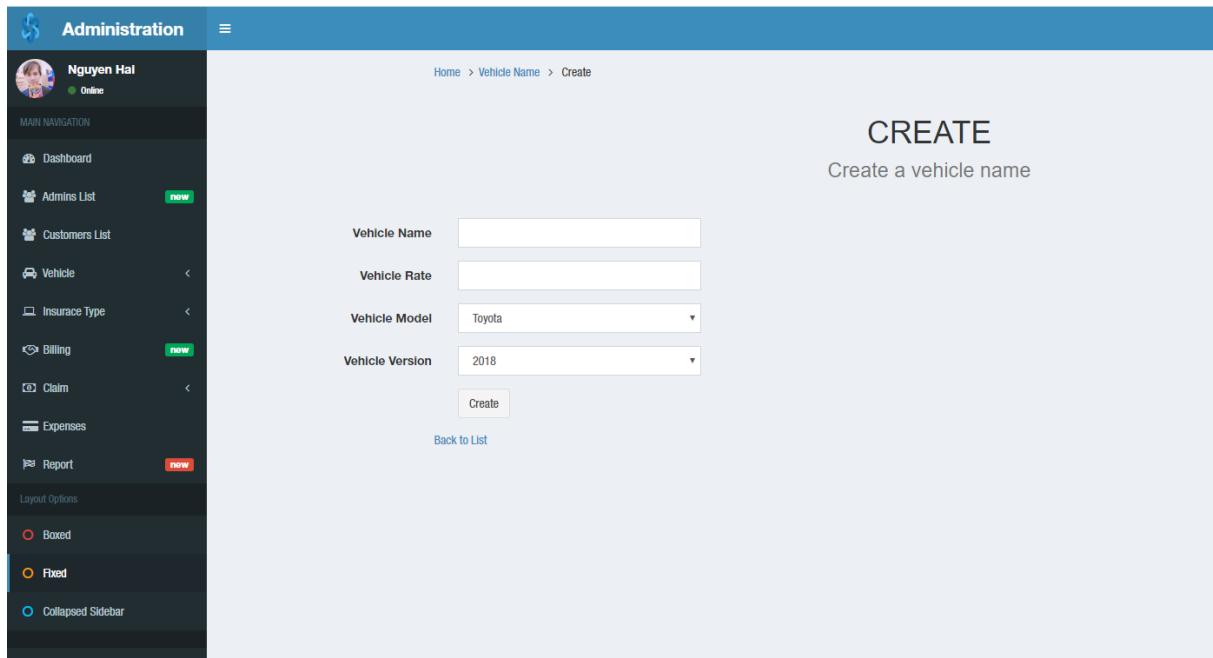
Feature:

- Create Vehicle Name
- Edit



No.	Vehicle Version	Vehicle Model	Version Status	Actions
1	2018	Toyota	Active	CreateVehicleName   Edit
2	2019	Toyota	Active	CreateVehicleName   Edit
3	2020	Toyota	Active	CreateVehicleName   Edit
4	2018	Ford	Active	CreateVehicleName   Edit
5	2019	Ford	Active	CreateVehicleName   Edit
6	2020	Ford	Active	CreateVehicleName   Edit
7	2018	Honda	Active	CreateVehicleName   Edit
8	2019	Honda	Active	CreateVehicleName   Edit
9	2020	Honda	Active	CreateVehicleName   Edit
10	2018	Hyundai	Active	CreateVehicleName   Edit
11	2019	Hyundai	Active	CreateVehicleName   Edit
12	2020	Hyundai	Active	CreateVehicleName   Edit
13	2018	Kia	Active	CreateVehicleName   Edit

## Create vehicle name



Vehicle Name:

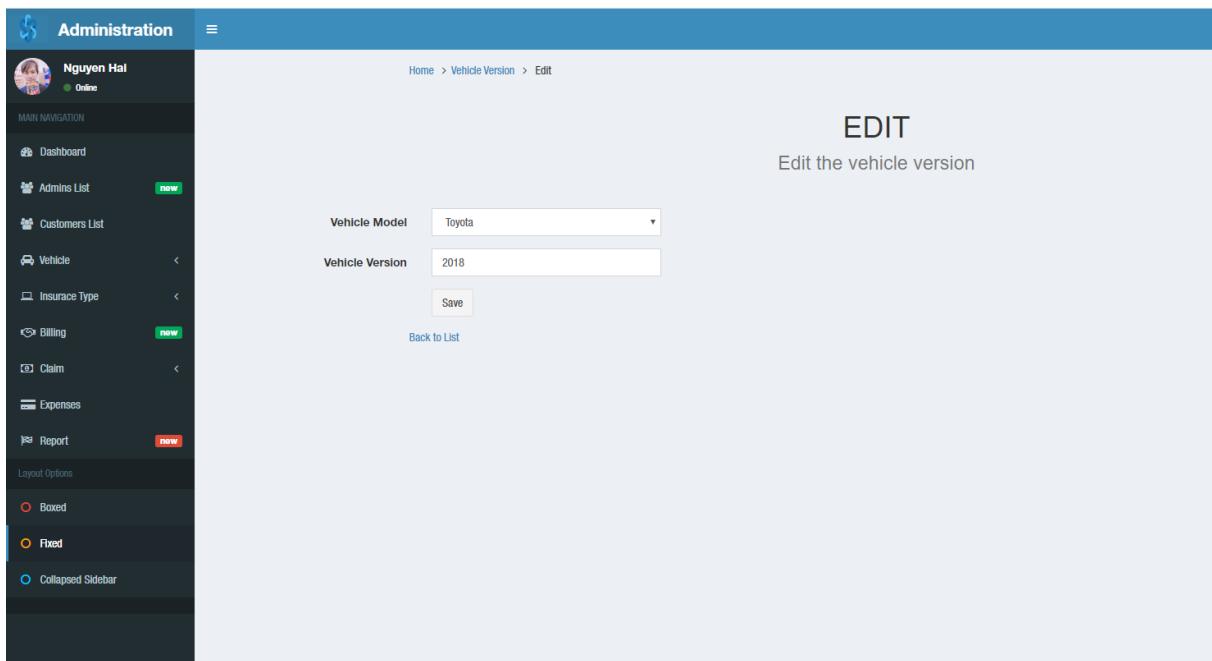
Vehicle Rate:

Vehicle Model:

Vehicle Version:

[Back to List](#)

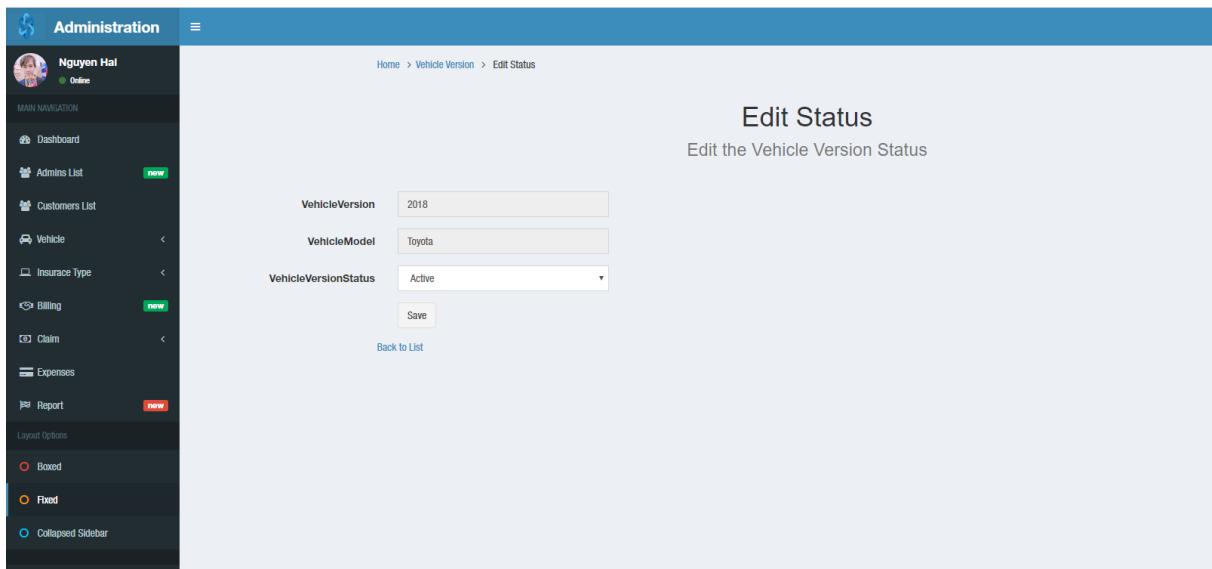
### Edit vehicle version



### Version Status

Feature:

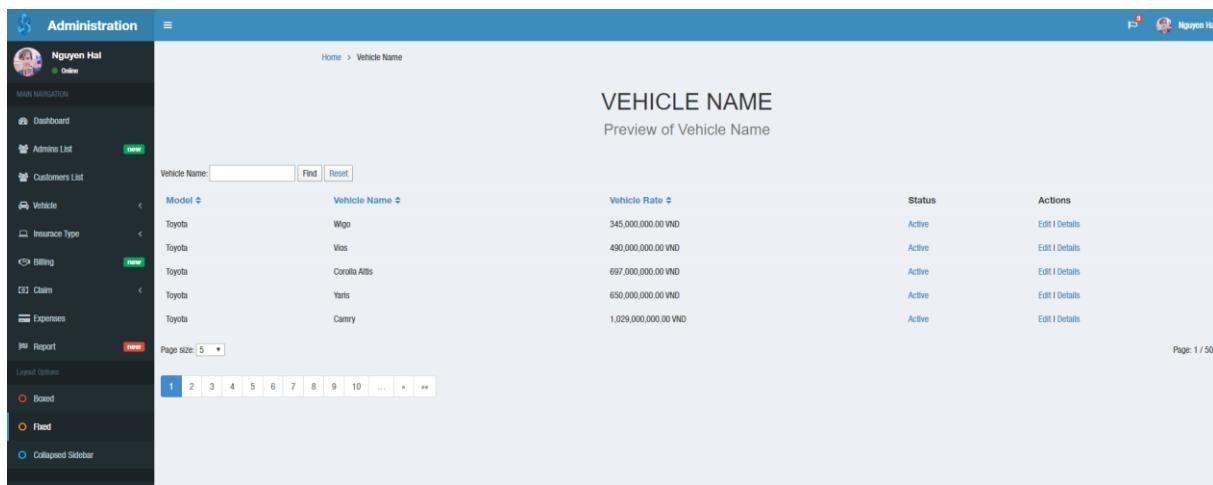
- Active / Archive vehicle version status



## Admin – Vehicle – Vehicle Name

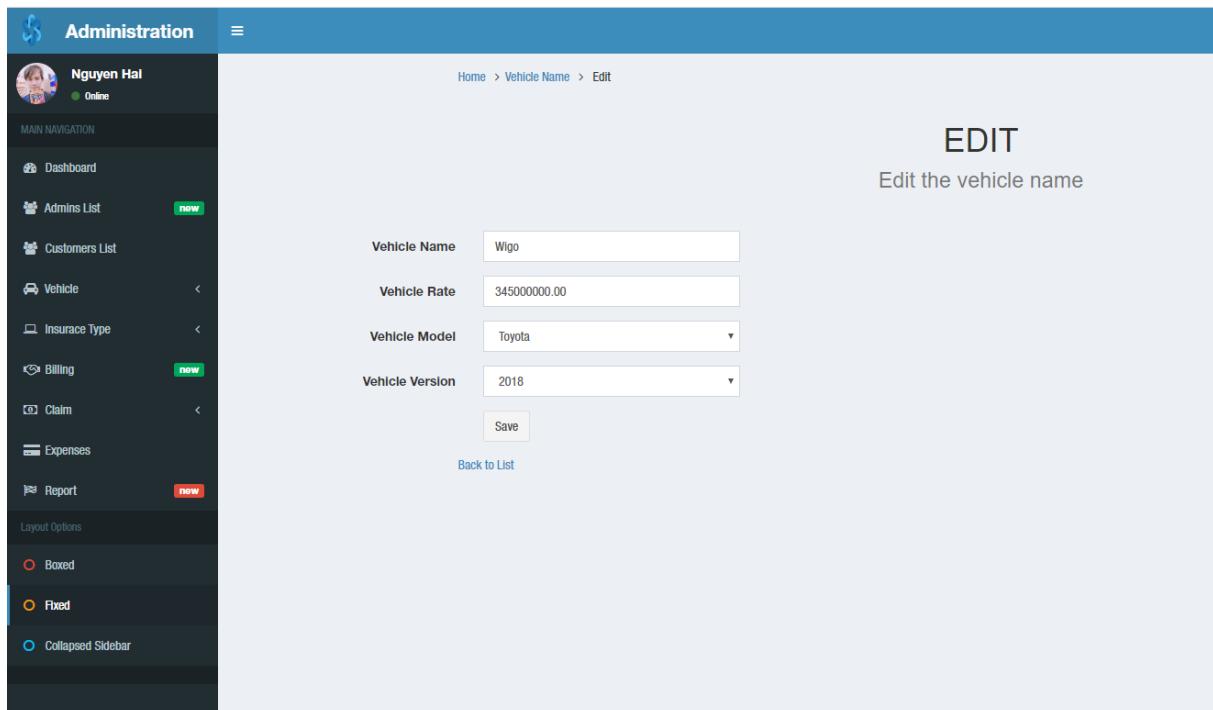
Feature:

- Search by vehicle name
- Sort by fields and sort in search
- Show the row number on a page
- Page 1, 2, 3, ...
- Edit | Detail



Model	Vehicle Name	Vehicle Rate	Status	Actions
Toyota	Wigo	345,000,000.00 VND	Active	Edit   Details
Toyota	Vios	490,000,000.00 VND	Active	Edit   Details
Toyota	Corolla Altis	697,000,000.00 VND	Active	Edit   Details
Toyota	Yaris	650,000,000.00 VND	Active	Edit   Details
Toyota	Camry	1,029,000,000.00 VND	Active	Edit   Details

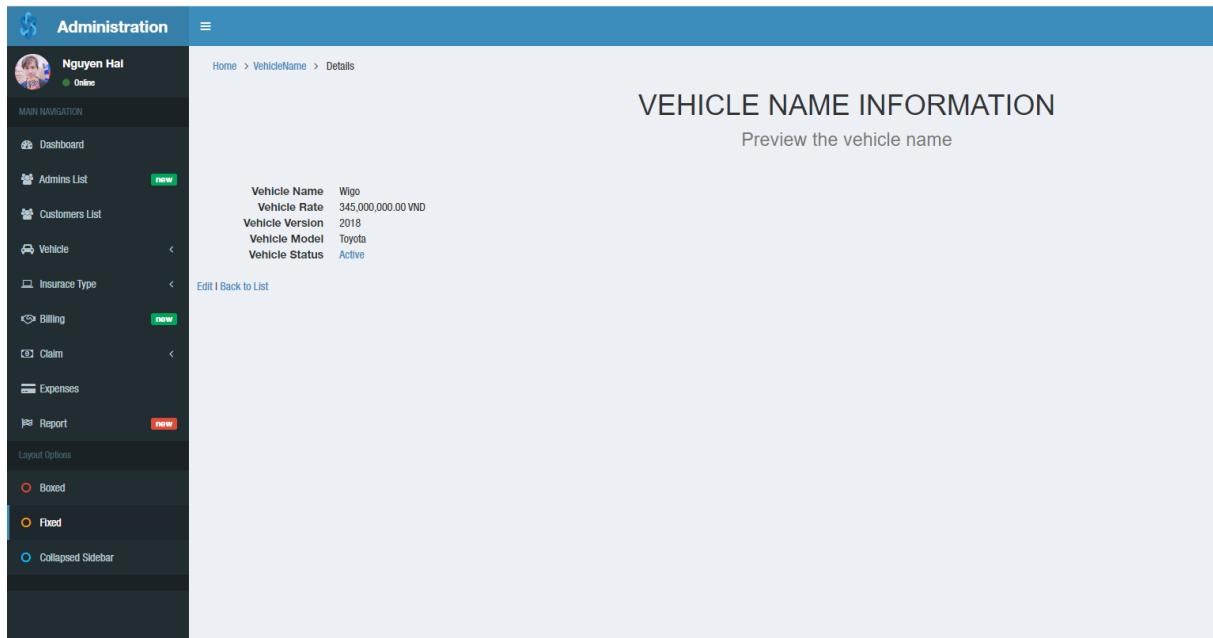
### Edit vehicle name



Vehicle Name	<input type="text" value="Wigo"/>
Vehicle Rate	<input type="text" value="345000000.00"/>
Vehicle Model	<input type="text" value="Toyota"/>
Vehicle Version	<input type="text" value="2018"/>

[Save](#)

### Vehicle name details



**VEHICLE NAME INFORMATION**

Preview the vehicle name

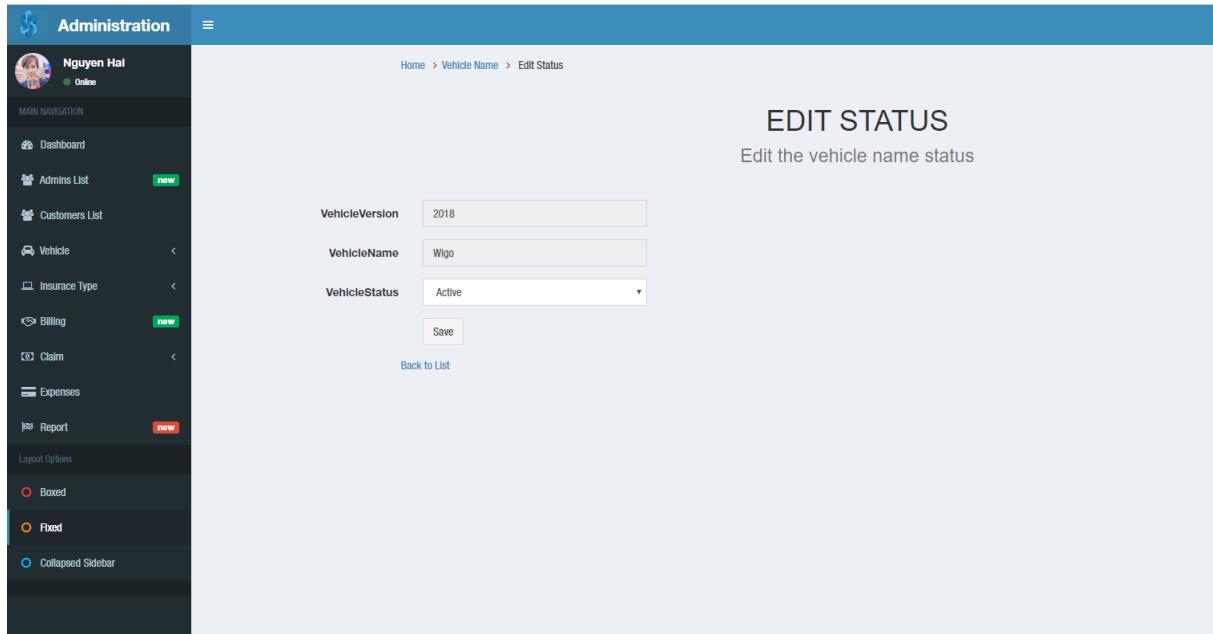
Vehicle Name	Wigo
Vehicle Rate	345,000,000.00 VND
Vehicle Version	2018
Vehicle Model	Toyota
Vehicle Status	Active

[Edit](#) | [Back to List](#)

### Vehicle name Status

Feature:

- Active / Archive vehicle name status



**EDIT STATUS**

Edit the vehicle name status

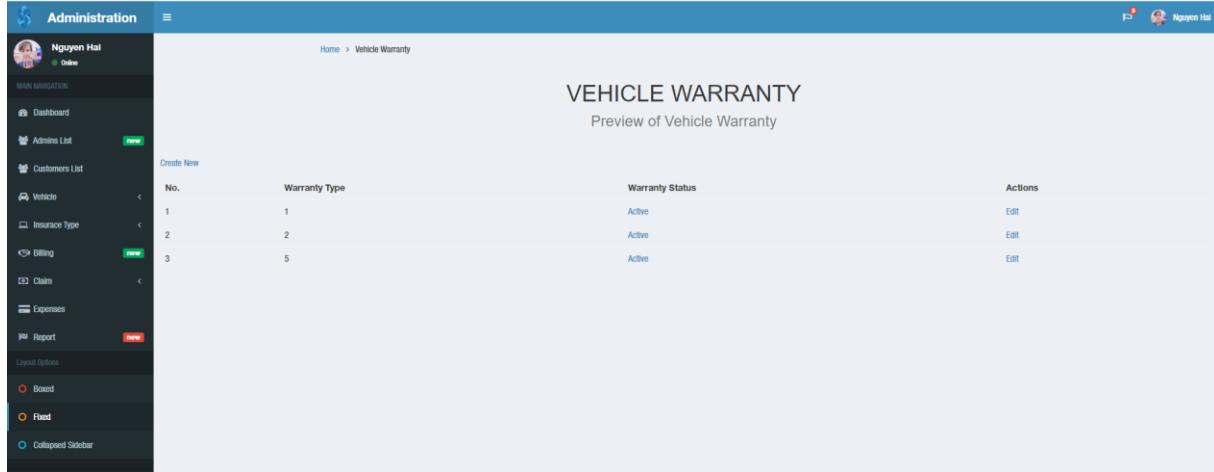
VehicleVersion	2018
VehicleName	Wigo
VehicleStatus	Active

[Save](#) | [Back to List](#)

## Admin – Insurance Type – Vehicle Warranty

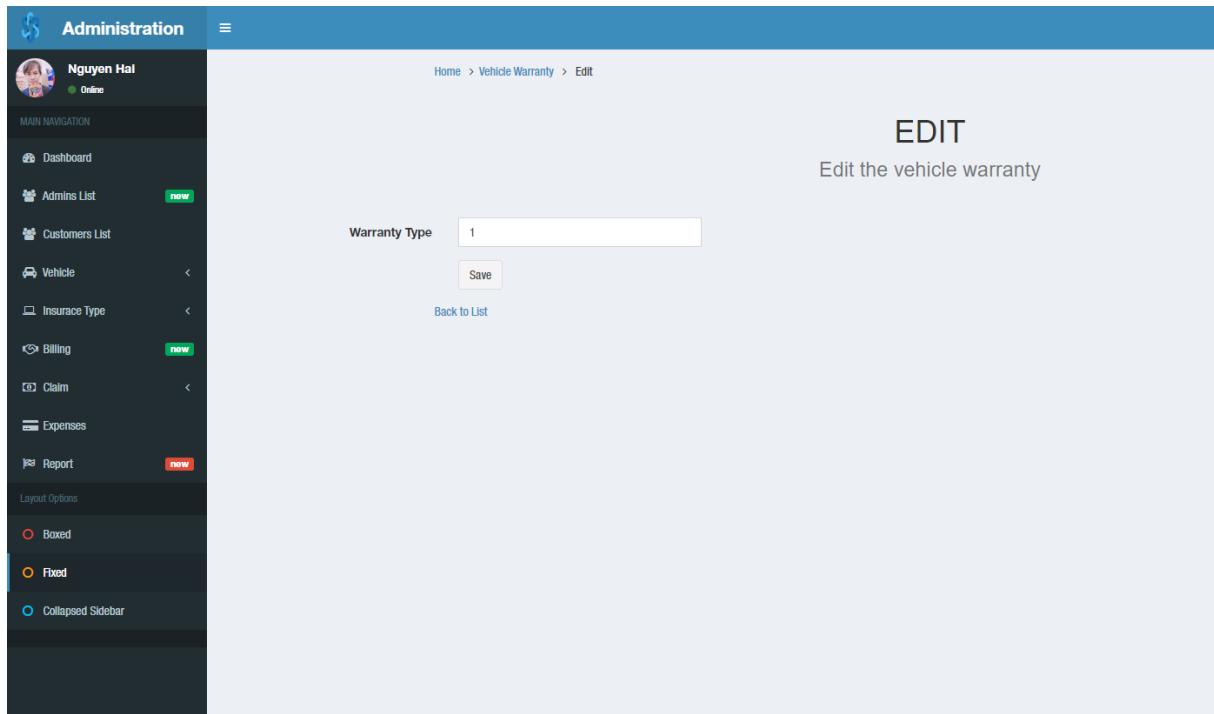
Feature:

- Create new
- Edit



No.	Warranty Type	Warranty Status	Actions
1	1	Active	<a href="#">Edit</a>
2	2	Active	<a href="#">Edit</a>
3	5	Active	<a href="#">Edit</a>

### Edit Vehicle warranty



Warranty Type:

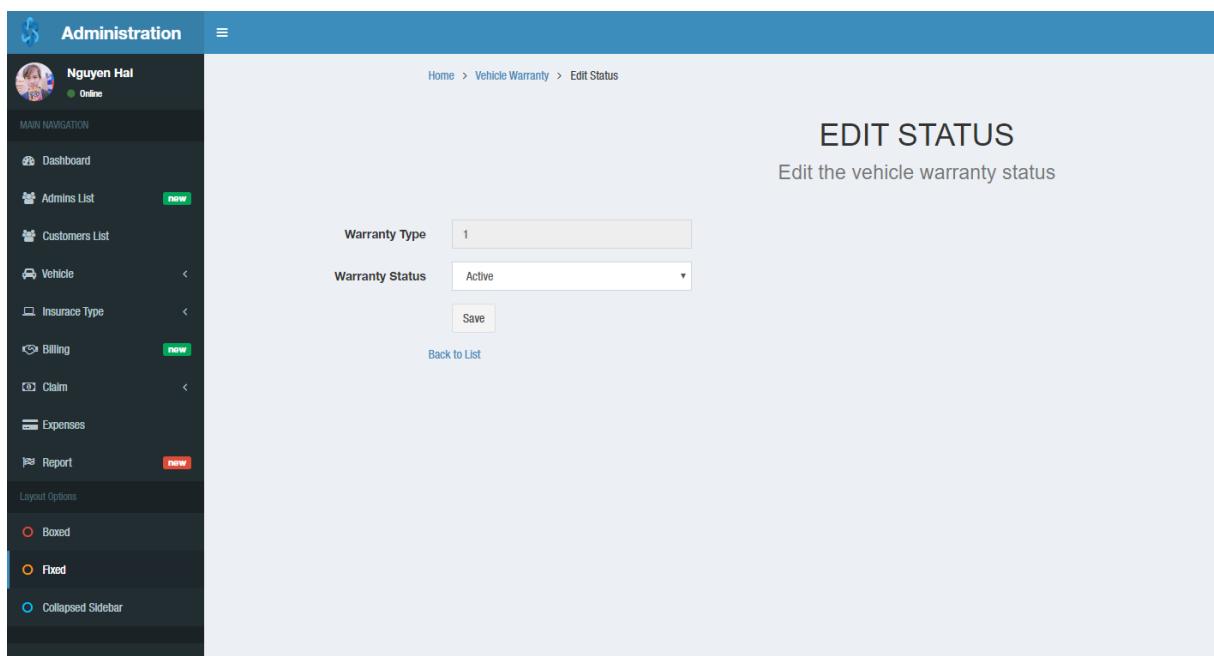
[Save](#)

[Back to List](#)

### Vehicle warranty status

Feature:

- Active / Archive vehicle warranty status

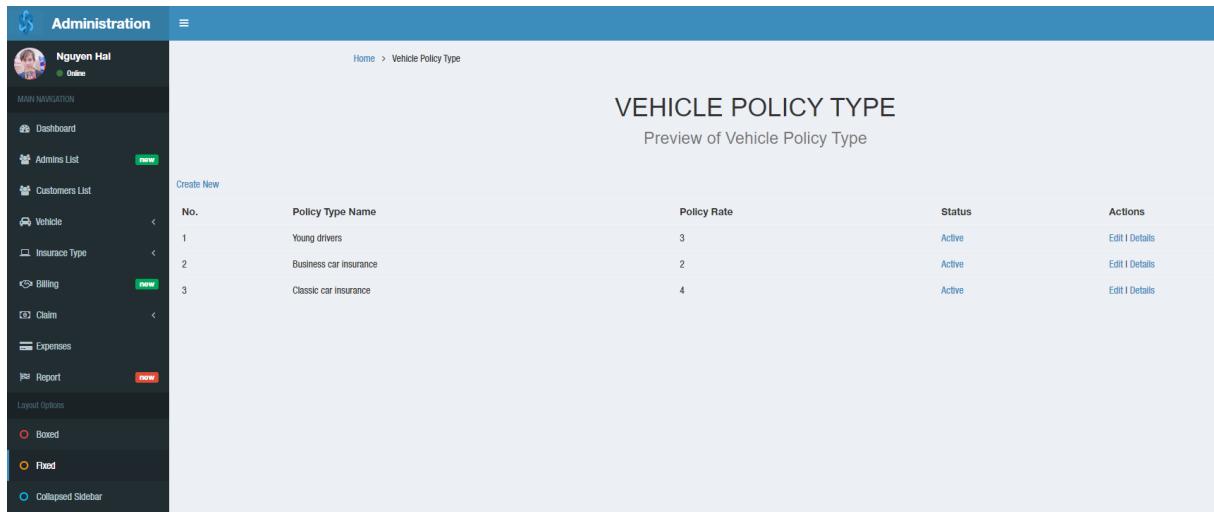


The screenshot shows the 'Edit Status' page. On the left is a sidebar with a user profile for 'Nguyen Ha' (Online) and a 'MAIN NAVIGATION' section containing links like Dashboard, Admins List, Customers List, Vehicle, Insurance Type, Billing, Claim, Expenses, Report, Layout Options, Boxed, Fixed, and Collapsed Sidebar. The main content area has a title 'EDIT STATUS' and a subtitle 'Edit the vehicle warranty status'. It contains two input fields: 'Warranty Type' (set to 1) and 'Warranty Status' (set to Active), with a 'Save' button below them. A 'Back to List' link is at the bottom.

## Admin – Insurance Type – Vehicle Policy Type

Feature:

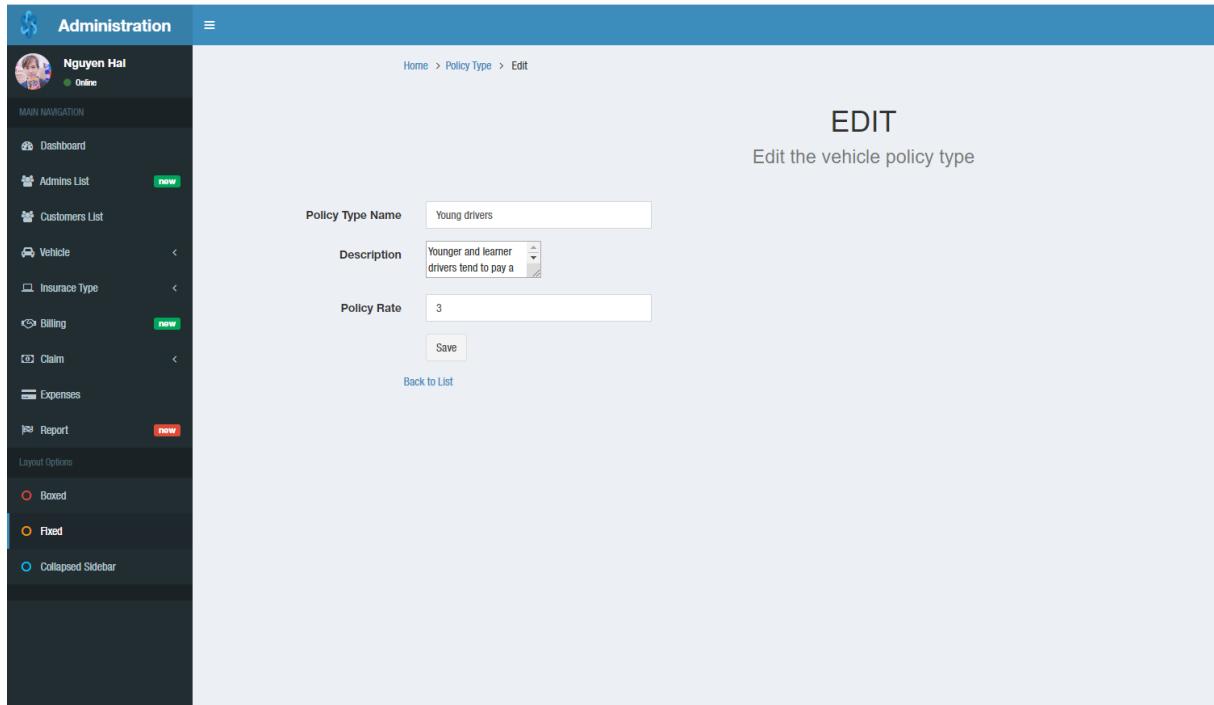
- Create new
- Edit
- Detail



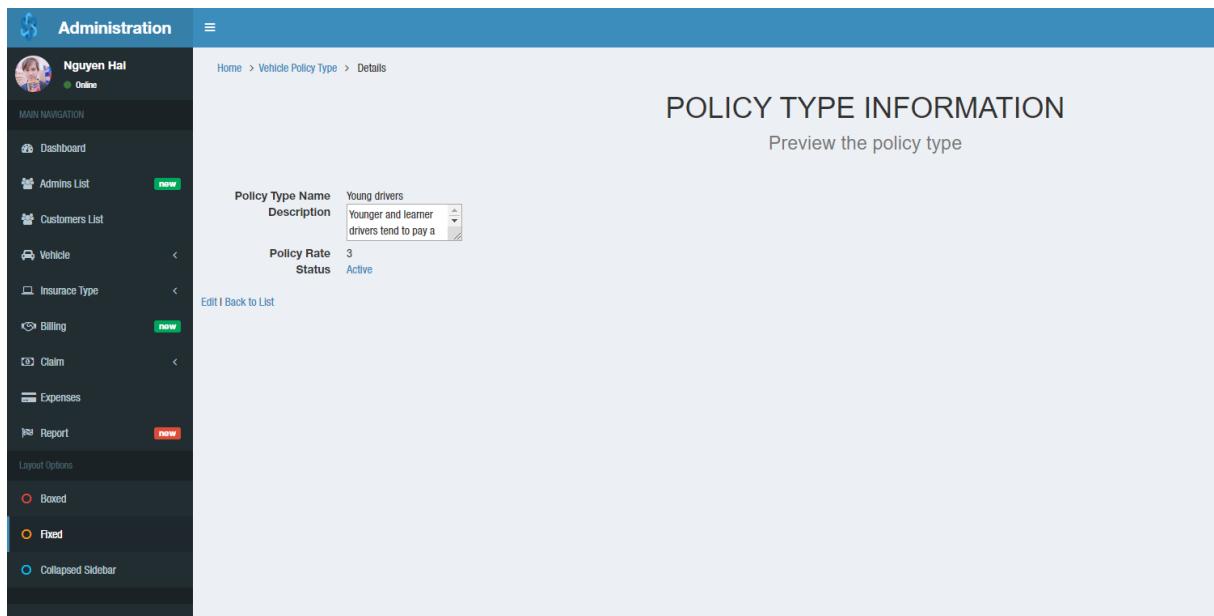
The screenshot shows the 'Vehicle Policy Type' preview page. The sidebar is identical to the previous screenshot. The main content area has a title 'VEHICLE POLICY TYPE' and a subtitle 'Preview of Vehicle Policy Type'. It displays a table titled 'Create New' with three rows of data:

No.	Policy Type Name	Policy Rate	Status	Actions
1	Young drivers	3	Active	Edit   Details
2	Business car insurance	2	Active	Edit   Details
3	Classic car insurance	4	Active	Edit   Details

### Edit Vehicle policy type



### Vehicle policy type details

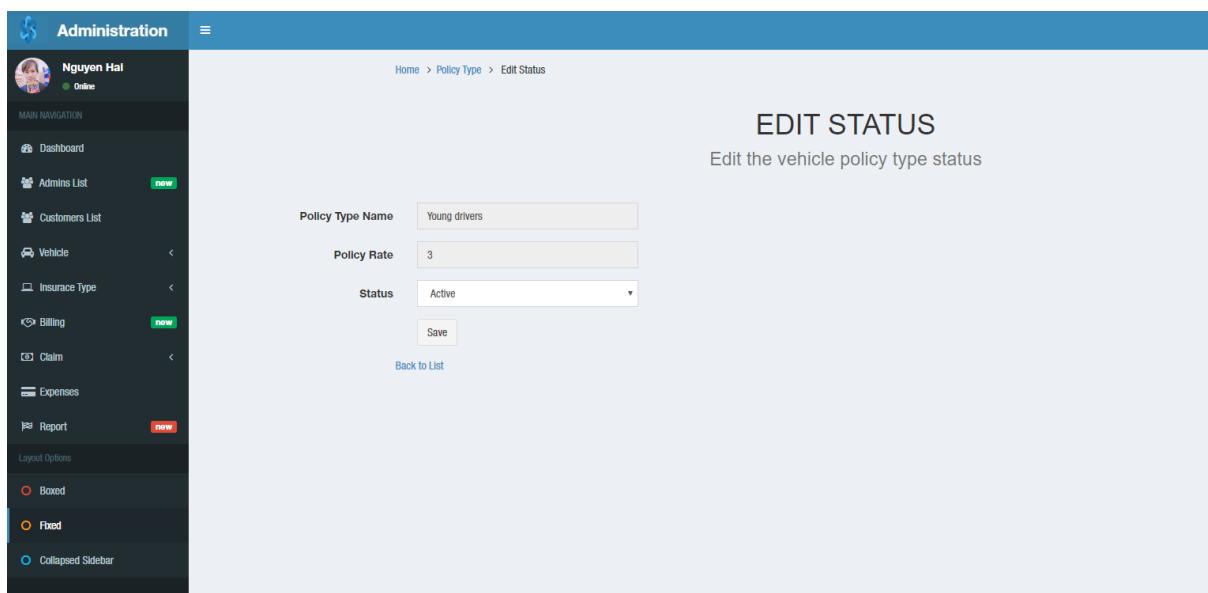


### Vehicle policy status

Feature:

- Active / Archive vehicle policy type status

## eProject: VEHICLE INSURANCE MANAGEMENT



**EDIT STATUS**  
Edit the vehicle policy type status

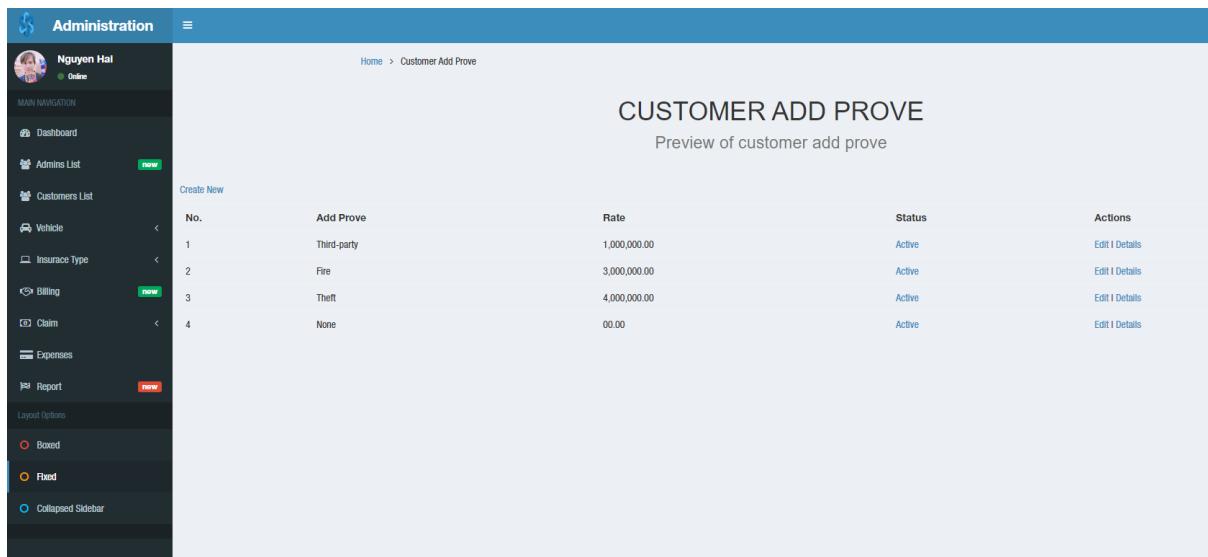
Policy Type Name: Young drivers  
 Policy Rate: 3  
 Status: Active

[Save](#) [Back to List](#)

## Admin – Insurance Type – Addition service (Add prove)

Feature:

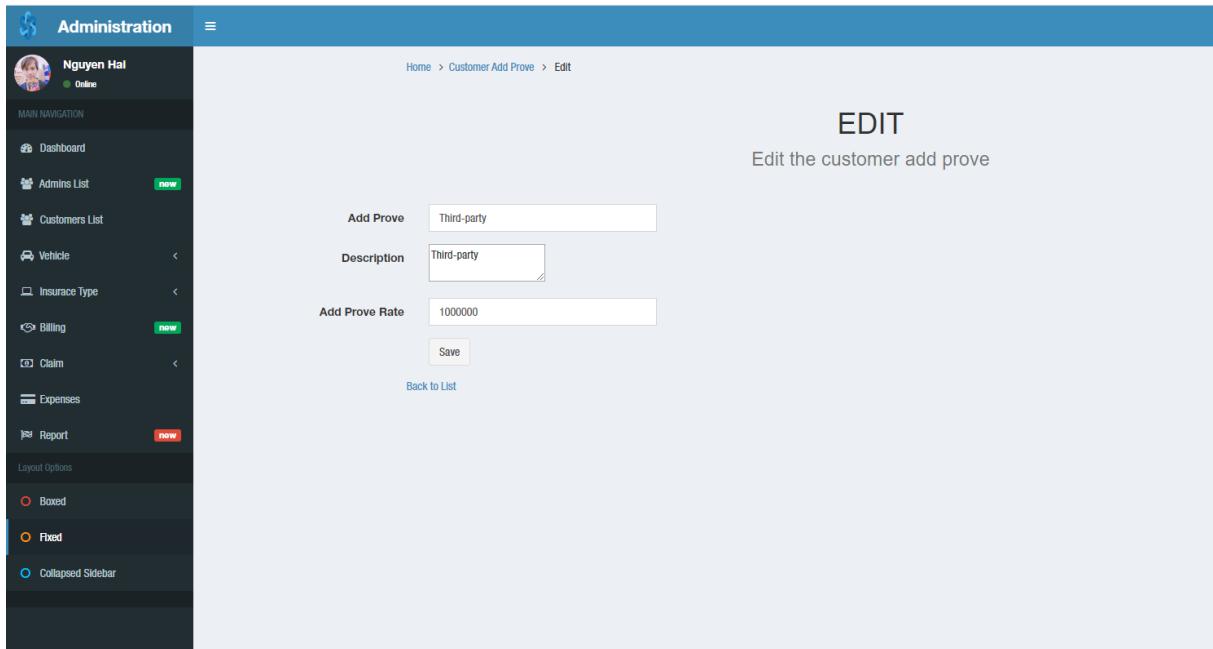
- Create new
- Edit
- Detail



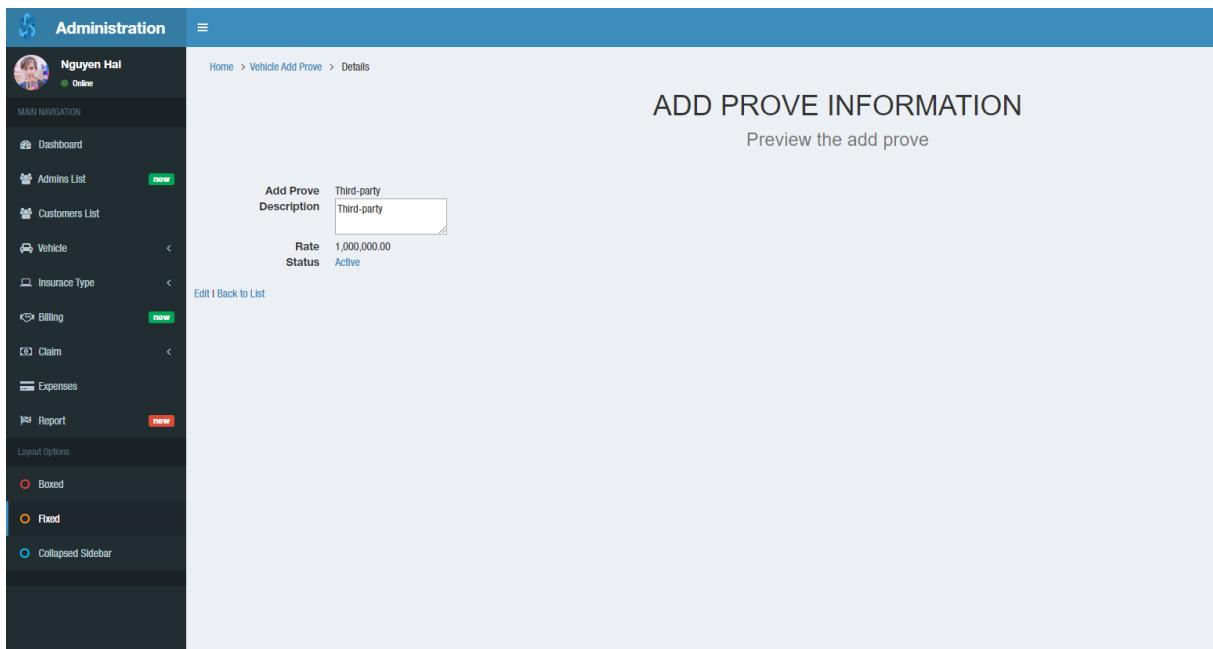
**CUSTOMER ADD PROVE**  
Preview of customer add prove

No.	Add Prove	Rate	Status	Actions
1	Third-party	1,000,000.00	Active	<a href="#">Edit   Details</a>
2	Fire	3,000,000.00	Active	<a href="#">Edit   Details</a>
3	Theft	4,000,000.00	Active	<a href="#">Edit   Details</a>
4	None	00.00	Active	<a href="#">Edit   Details</a>

### Edit customer add prove



### Customer add prove details

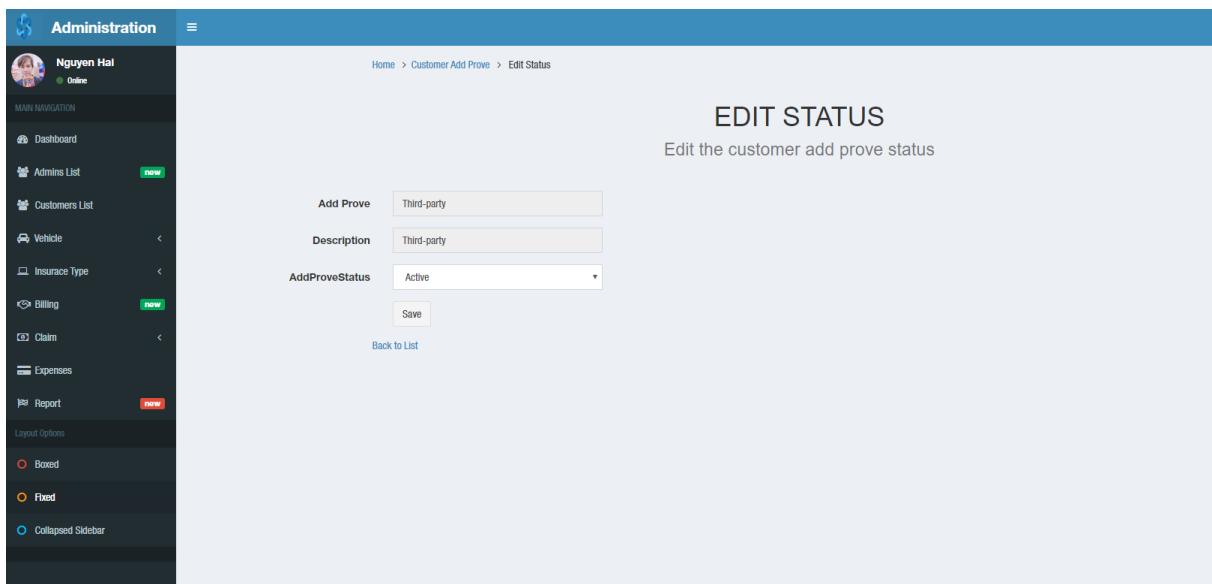


### Add prove status

Feature:

- Active / Archive additional service (add prove) status

## eProject: VEHICLE INSURANCE MANAGEMENT



**EDIT STATUS**

Edit the customer add prove status

Add Prove	Third-party
Description	Third-party
AddProveStatus	Active

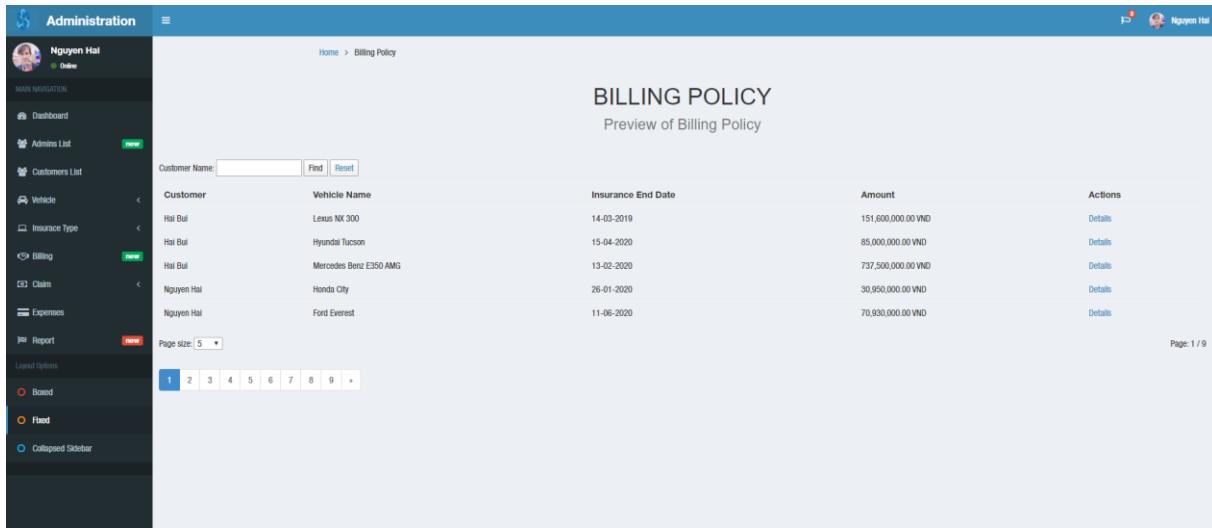
Save

[Back to List](#)

## Admin – Billing

Feature:

- Search by vehicle name
- Show the row number on a page
- Page 1, 2, 3, ...
- Detail



**BILLING POLICY**

Preview of Billing Policy

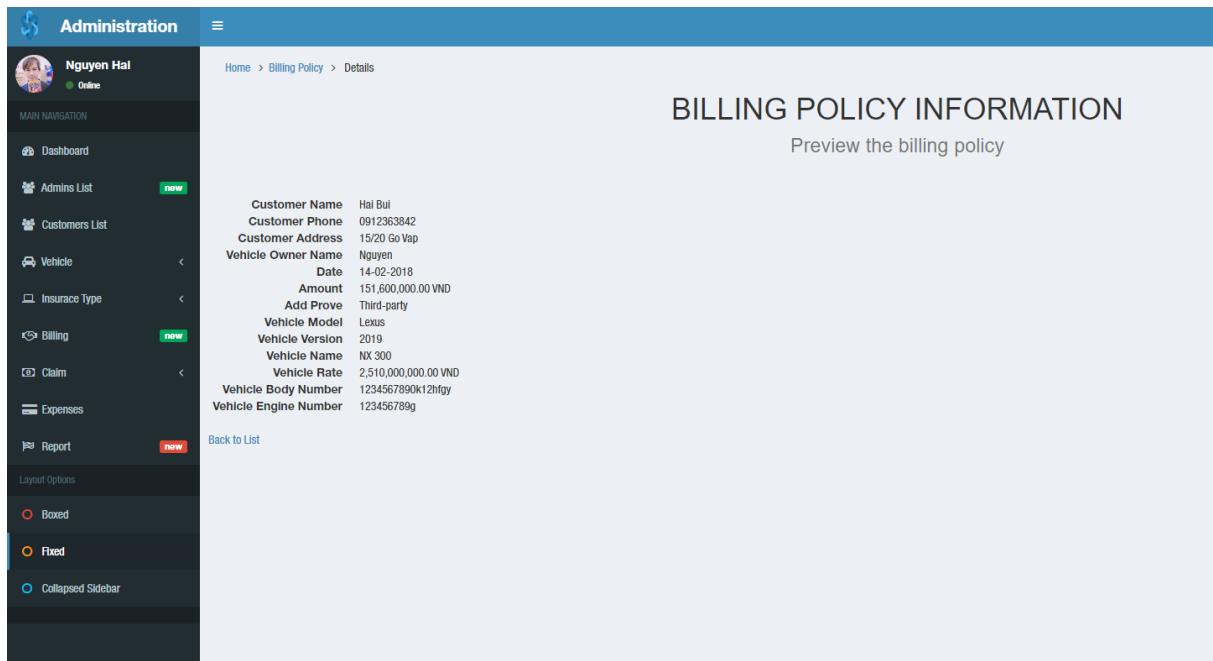
Customer	Vehicle Name	Insurance End Date	Amount	Actions
Hal Bui	Lexus NX 300	14-03-2019	151,600,000.00 VND	<a href="#">Details</a>
Hal Bui	Hyundai Tucson	15-04-2020	85,000,000.00 VND	<a href="#">Details</a>
Hal Bui	Mercedes Benz E350 AMG	13-02-2020	737,500,000.00 VND	<a href="#">Details</a>
Nguyen Hai	Honda City	26-01-2020	30,950,000.00 VND	<a href="#">Details</a>
Nguyen Hai	Ford Everest	11-06-2020	70,930,000.00 VND	<a href="#">Details</a>

Page size: 5

1 2 3 4 5 6 7 8 9 \*

Page: 1 / 9

### Billing policy details



**BILLING POLICY INFORMATION**

Preview the billing policy

Customer Name	Hai Bul
Customer Phone	0912363842
Customer Address	15/20 Go Vap
Vehicle Owner Name	Nguyen
Date	14-02-2018
Amount	151,600,000.00 VND
Add Prove	Third-party
Vehicle Model	Lexus
Vehicle Version	2019
Vehicle Name	NX 300
Vehicle Rate	2,510,000,000.00 VND
Vehicle Body Number	1234567890K12hfg
Vehicle Engine Number	123456789g

[Back to List](#)

### Admin – Claim – Process



When the customer claim payment, the notification will show alarm (in here: ). You can see to manage and control claim from customer.



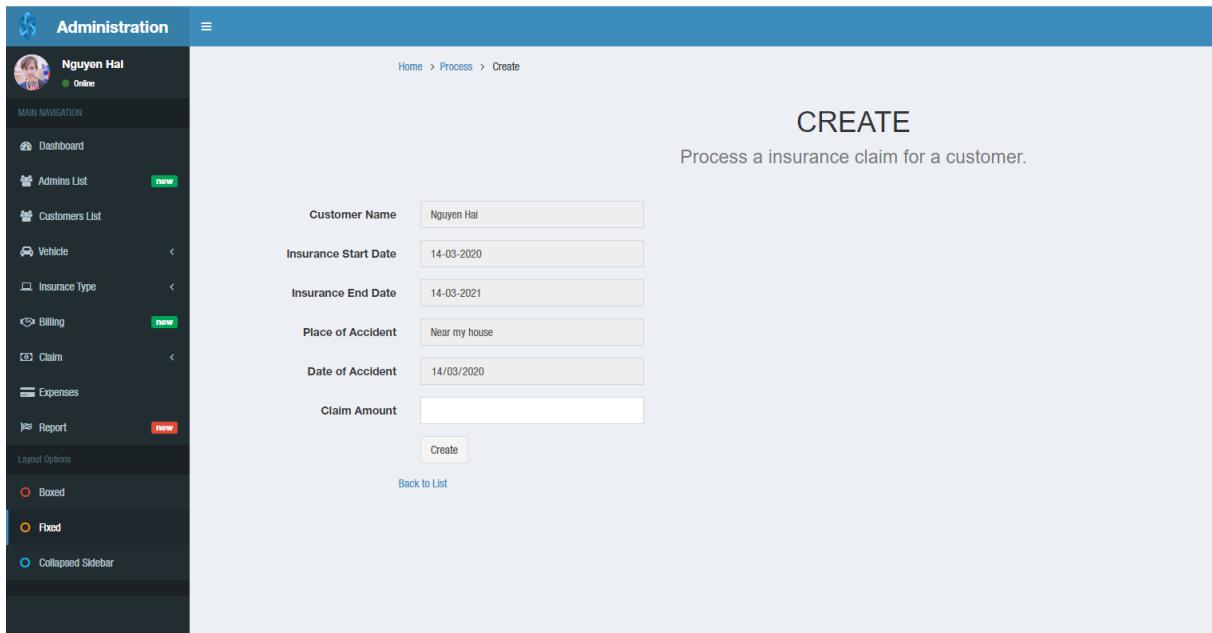
**INSURANCE CLAIM INFORMATION**

Preview of insurance claim

No.	Customer Name	Date of Accident	Place of Accident	Status	Actions
1	Nguyen Hai	14-03-2020	Near my house	Waiting	<a href="#">Create Claim Payment   Details</a>
2	Nguyen Hai	14-02-2020	Ho Chi Minh	Waiting	<a href="#">Create Claim Payment   Details</a>
3	Bui Nguyen	01-03-2020	VietNam	Completed	<a href="#">Details</a>
4	Bui Nguyen	26-02-2020	Ho Chi Minh	Completed	<a href="#">Details</a>
5	Hai Bul	06-12-2019	Phan Van Tr	Completed	<a href="#">Details</a>

## eProject: VEHICLE INSURANCE MANAGEMENT

### Create claim payment



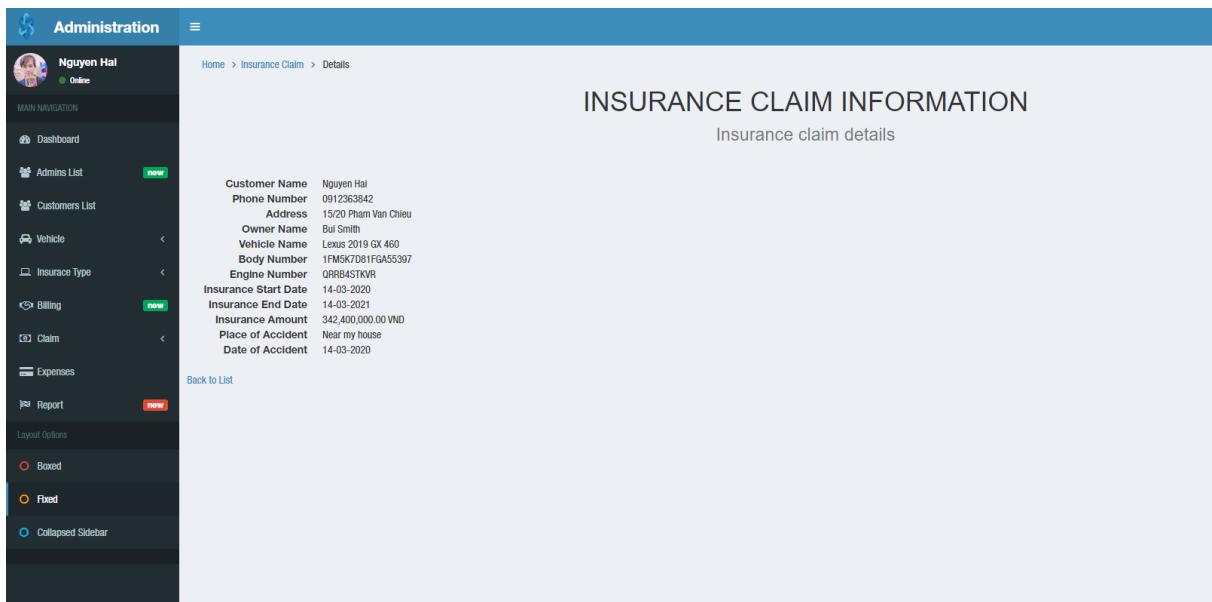
**CREATE**

Process a insurance claim for a customer.

Customer Name	Nguyen Hai
Insurance Start Date	14-03-2020
Insurance End Date	14-03-2021
Place of Accident	Near my house
Date of Accident	14/03/2020
Claim Amount	

[Create](#)

### Insurance claim details



**INSURANCE CLAIM INFORMATION**

Insurance claim details

Customer Name	Nguyen Hai
Phone Number	0912363842
Address	15/20 Pham Van Chieu
Owner Name	Bui Smith
Vehicle Name	Lexus 2019 GX 460
Body Number	FMSK7D01FGA55397
Engine Number	ORRBASTKVR
Insurance Start Date	14-03-2020
Insurance End Date	14-03-2021
Insurance Amount	342,400,000 VND
Place of Accident	Near my house
Date of Accident	14-03-2020

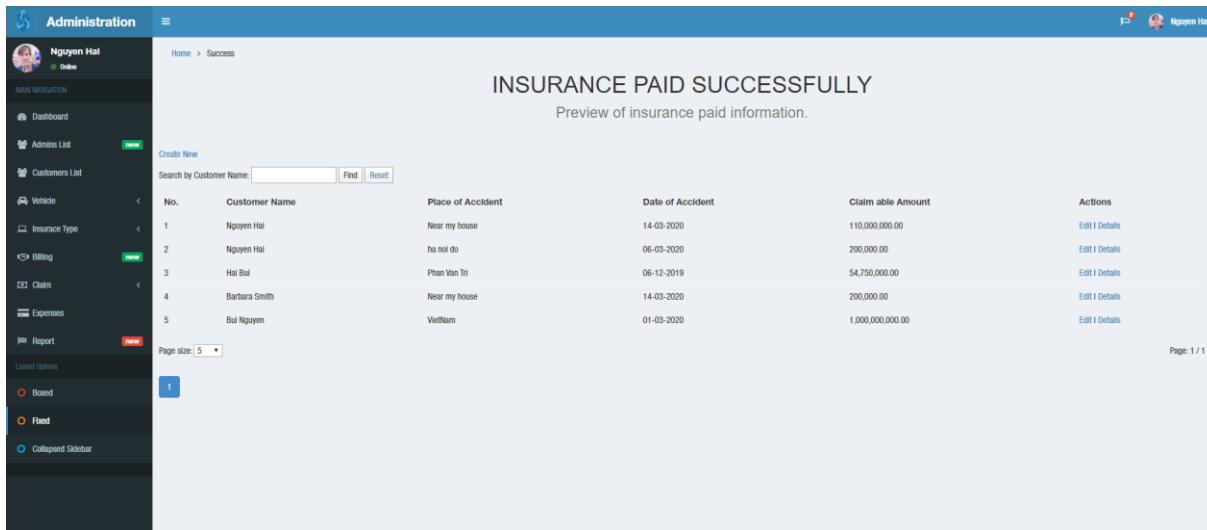
[Back to List](#)

### Admin – Claim – Success

Feature:

- Search by vehicle name
- Show the row number on a page
- Page 1, 2, 3, ...

- Edit | Detail



**INSURANCE PAID SUCCESSFULLY**

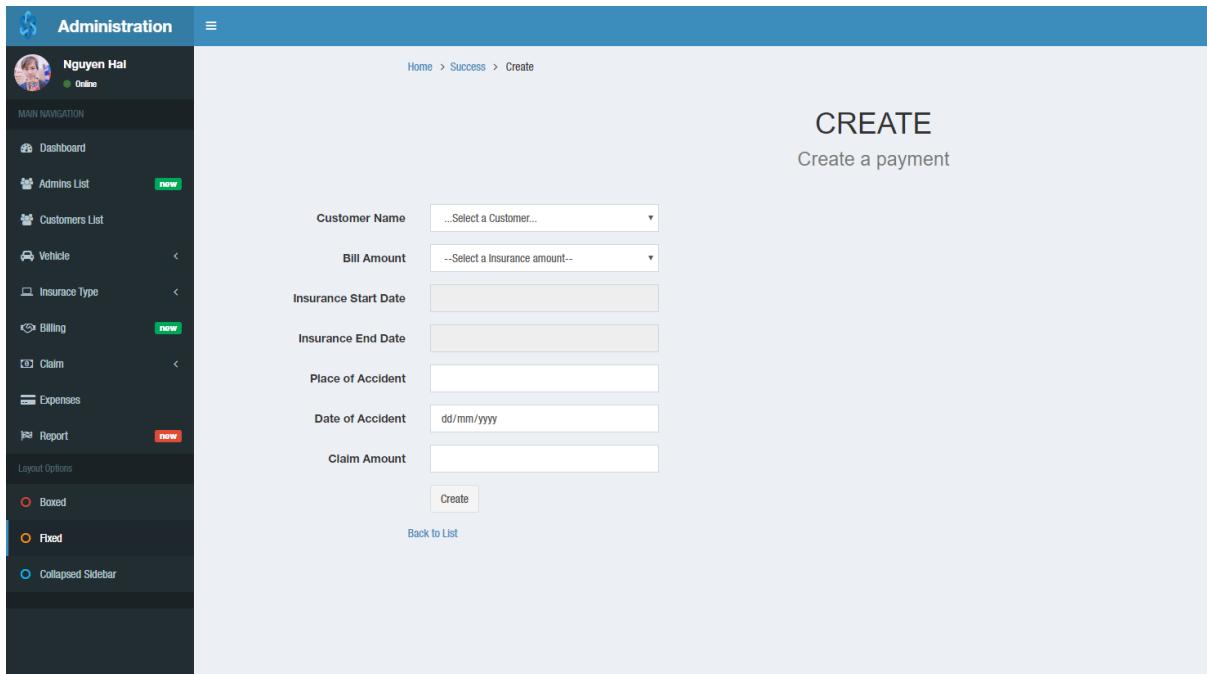
Preview of insurance paid information.

No.	Customer Name	Place of Accident	Date of Accident	Claimable Amount	Actions
1	Nguyen Hai	Near my house	14-03-2020	110,000,000.00	<a href="#">Edit   Details</a>
2	Nguyen Hai	ha noi do	06-03-2020	200,000.00	<a href="#">Edit   Details</a>
3	Hai Bui	Phan Van Tri	06-12-2019	54,750,000.00	<a href="#">Edit   Details</a>
4	Barbara Smith	Near my house	14-03-2020	200,000.00	<a href="#">Edit   Details</a>
5	Bui Nguyen	Vietnam	01-03-2020	1,000,000,000.00	<a href="#">Edit   Details</a>

Page size: 5

Page: 1 / 1

### Create new claim payment



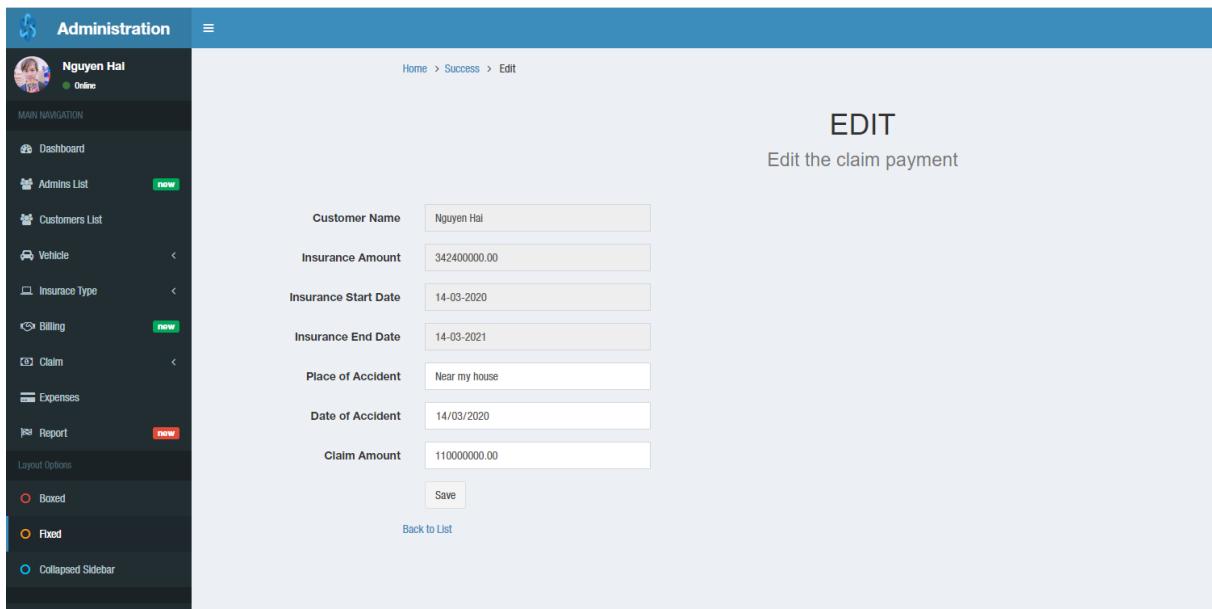
**CREATE**

Create a payment

Customer Name	<input type="text" value="...Select a Customer..."/>
Bill Amount	<input type="text" value="--Select a Insurance amount--"/>
Insurance Start Date	<input type="text"/>
Insurance End Date	<input type="text"/>
Place of Accident	<input type="text"/>
Date of Accident	<input type="text" value="dd/mm/yyyy"/>
Claim Amount	<input type="text"/>
<input type="button" value="Create"/>	

[Back to List](#)

### Edit claim payment



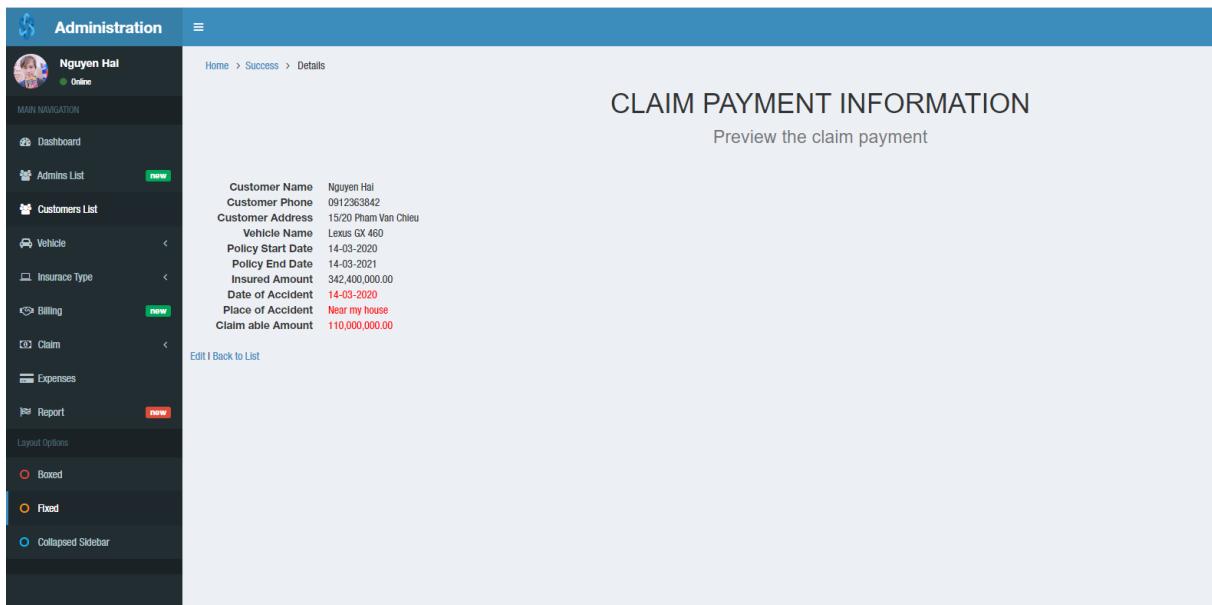
**EDIT**

Edit the claim payment

Customer Name	Nguyen Hal
Insurance Amount	342400000.00
Insurance Start Date	14-03-2020
Insurance End Date	14-03-2021
Place of Accident	Near my house
Date of Accident	14/03/2020
Claim Amount	110000000.00

**Save**

### Claim payment details



**CLAIM PAYMENT INFORMATION**

Preview the claim payment

Customer Name	Nguyen Hal
Customer Phone	0912363842
Customer Address	15/20 Pham Van Chieu
Vehicle Name	Lexus GX 460
Policy Start Date	14-03-2020
Policy End Date	14-03-2021
Insured Amount	342,400,000.00
Date of Accident	14-03-2020
Place of Accident	Near my house
Claimable Amount	110,000,000.00

[Edit | Back to List](#)

### Admin – Expenses

Feature:

- Create new
- Edit

Home > Expense

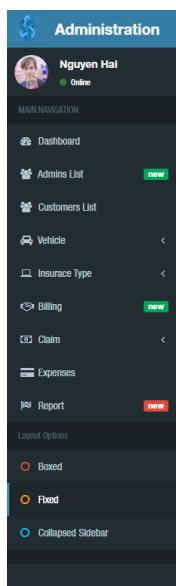
# EXPENSES INFORMATION

Preview of expenses

Create New

No.	Date	Type of Expense	Amount	Action
1	01-03-2020	Staff	10,000,000.00	Edit
2	01-03-2020	Buycar	10,000,000.00	Edit

### Create new expenses

 Administration

Nguyen Hai  
Orders

MAIN NAVIGATION

- Dashboard
- Admins List new
- Customers List
- Vehicle
- Insurance Type
- Billing new
- Claim
- Expenses
- Report new
- Layout Options
  - Boxed
  - Fixed
  - Collapsed Sidebar

Home > Expenses > Create

## CREATE

Create a expense for the company

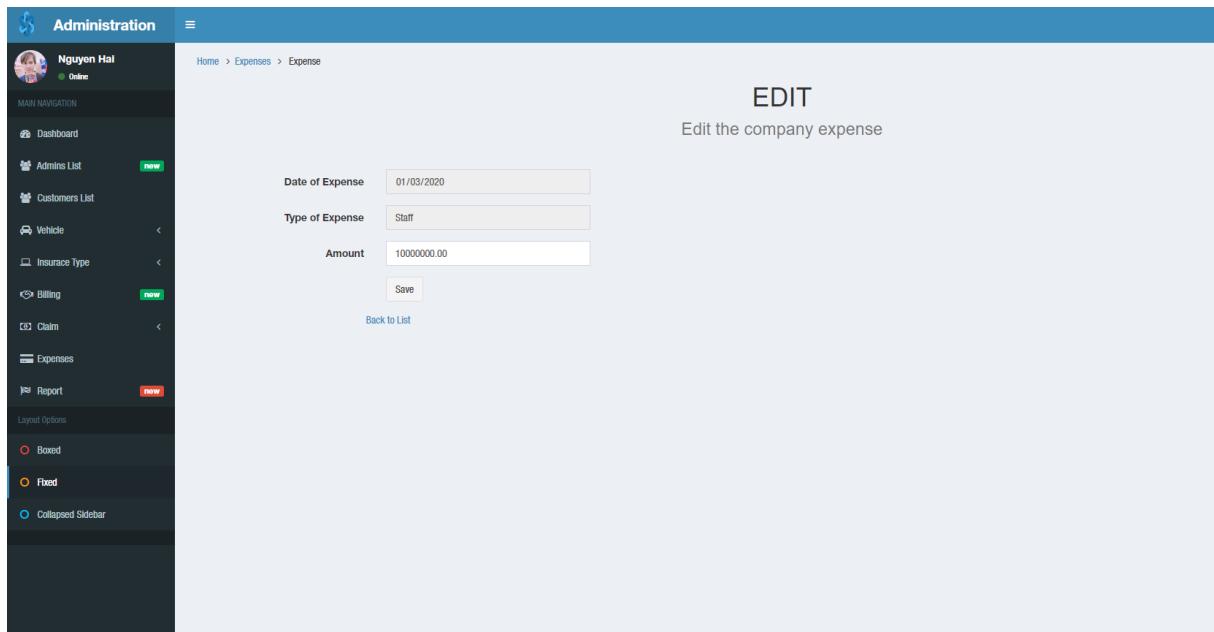
Date of Expense:

Type of Expense:

Amount:

[Back to List](#)

### Edit expenses company



The screenshot shows a web-based application interface for managing vehicle insurance expenses. On the left, there is a vertical sidebar titled "Administration" with a user profile picture of "Nguyen Hai" and the status "Online". The sidebar includes a main navigation menu with the following items:

- Dashboard
- Admins List
- Customers List
- Vehicle
- Insurance Type
- Billing
- Claim
- Expenses
- Report

Under the "Report" item, there are three layout options: "Boxed" (selected), "Fixed", and "Collapsed Sidebar".

The main content area has a blue header bar with the text "EDIT" and "Edit the company expense". Below the header, there are three input fields:

- Date of Expense: 01/03/2020
- Type of Expense: Staff
- Amount: 10000000.00

At the bottom of the form is a "Save" button and a link to "Back to List".

## Admin – Report

Feature:

- Customers report
- Claims report
- Billings report
- Expenses report
- Policies lapsed report



The screenshot shows the 'Administration' interface. On the left is a dark sidebar menu with the following items:

- MAIN NAVIGATION
  - Dashboard
  - Admins List
  - Customers List
  - Vehicle
  - Insurance Type
  - Billing
  - Claim
  - Expenses
- Report
- Layout Options
  - Boxed
  - Fixed
  - Collapsed Sidebar

In the center, the page title is 'REPORT'. To its right is a vertical list of five report options, each enclosed in a small box:

1. Customers Report
2. Claims Report
3. Billings Report
4. Expenses Report
5. Policies lapsed report

## Customers report

Feature:

- View report
- Print to PDF
- Export to...

## eProject: VEHICLE INSURANCE MANAGEMENT

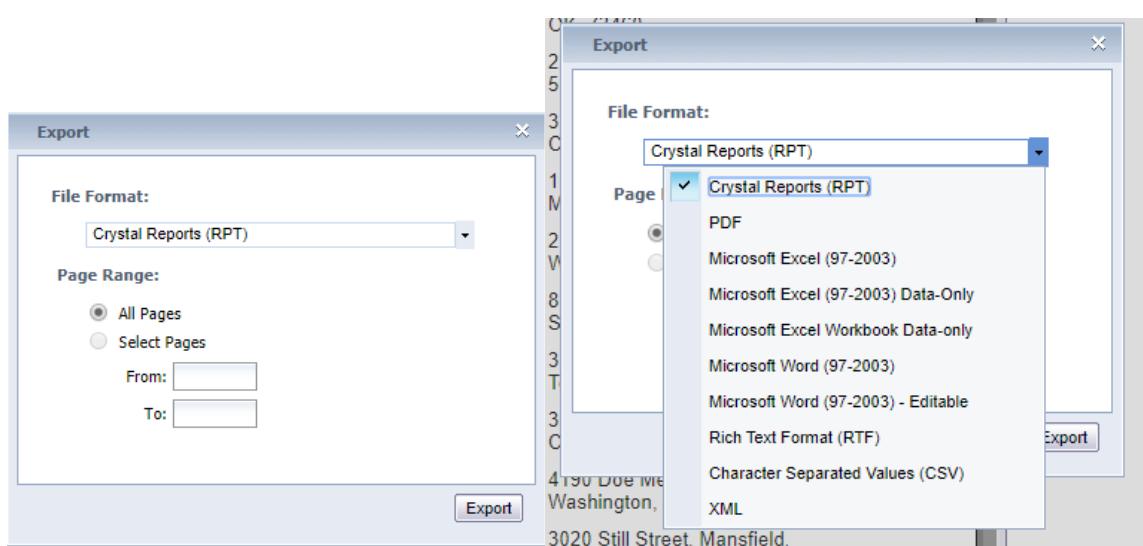
SAP CRYSTAL REPORTS®

**Main Report**

**REPORT CUSTOMER**

No	Customer	Phone Number	Email	Address
1	Nguyen Hai	0912363842	phuocson1781@gmail.com	15/20 Pham Van Chieu
2	Hai Bui	0912363842	phuocson1781@gmail.com	15/20 Go Vap
3	Bui Nguyen	0912363842	phuocson1781@gmail.com	15/20 Ho Chi Minh
4	Hoang Huy	0779112166	hoanghuy@gmail.com	saigon
5	Barbara Smith	4062454307	Barbara@gmail.com	2135 Eldorado Dr, Billings, MT, 59102
6	Holli Smith	4083789253	Holli@gmail.com	911 Dell Ave, Campbell, CA, 95008
7	Jeri Smith	6417919080	Jeri@gmail.com	509 E 19th St N, Newton, IA, 50208
8	Jack B Smith	2097632717	Jack@gmail.com	4065 Teton Ct, Ione, CA, 95640
9	Michael G Smith	5803712000	Michael@gmail.com	109 W Main St #54, Tishomingo, OK, 73460
10	Philip C Smith	3208572236	Philip@gmail.com	21021 520th Ave, Atwater, MN, 56209
11	Bernestin Johnson	9133716312	Bernestin@gmail.com	3219 Cleveland Ave, Kansas City, KS, 66104
12	Elizabeth T Arndt	9522370664	Elizabeth@gmail.com	1998 Laurel Lee Eagan, Minnesota(MN), 55121
13	Timothy R Nardi	4253263059	Timothy@gmail.com	2102 Pratt Avenue, Tukwila, Washington(WA), 98168
14	Tom L Mundt	8187140640	Tom@gmail.com	802 Quiet Valley Lane, Sepulveda, California(CA), 3733 Valley Lane, Austin, Texas(TX), 78701
15	Louise M Bass	5127452520	Louise@gmail.com	3640 Flinderation Road, Chicago, Illinois(IL), 60606
16	Jeffrey R Kirkland	7736365909	Jeffrey@gmail.com	4190 Doe Meadow Drive, Washington, Maryland(MD), 3020 Still Street, Mansfield, Ohio(OH), 44902
17	John A Butler	3015391256	John@gmail.com	3780 Burton Avenue, Memphis, Tennessee(TN), 38138
18	Alice J Jaramillo	3302016618	Alice@gmail.com	1074 Medical Center Drive, Venice, Florida(FL), 34285
19	Wayne J Jones	9014061932	Wayne@gmail.com	20 Carlos L Todd
20	Carlos L Todd	7278081626	Carlos@gmail.com	7278081626
21	Cao Ba Quat	0912345671	Quat@gmail.com	0912345671
22	Ton That Tung	0912345678	Tung@gmail.com	0912345678

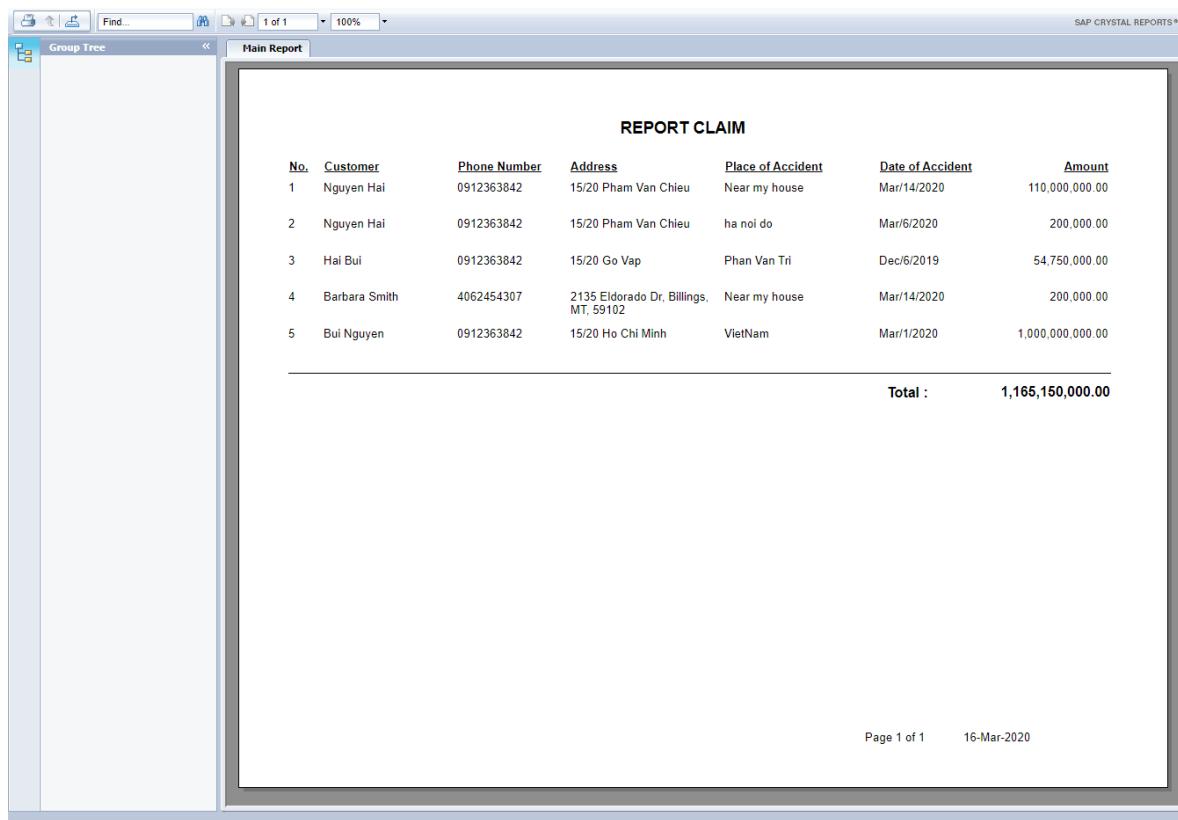
Page 1 of 2      16/03/2020



### Claims report

Feature:

- View report
- Print to PDF
- Export to...
- Total



REPORT CLAIM						
No.	Customer	Phone Number	Address	Place of Accident	Date of Accident	Amount
1	Nguyen Hai	0912363842	15/20 Pham Van Chieu	Near my house	Mar/14/2020	110,000,000.00
2	Nguyen Hai	0912363842	15/20 Pham Van Chieu	ha noi do	Mar/6/2020	200,000.00
3	Hai Bui	0912363842	15/20 Go Vap	Phan Van Tri	Dec/6/2019	54,750,000.00
4	Barbara Smith	4062454307	2135 Eldorado Dr. Billings, MT, 59102	Near my house	Mar/14/2020	200,000.00
5	Bui Nguyen	0912363842	15/20 Ho Chi Minh	VietNam	Mar/1/2020	1,000,000,000.00
						Total : 1,165,150,000.00

Page 1 of 1      16-Mar-2020

### Billings report

Feature:

- View report
- Print to PDF
- Export to...
- Total

## eProject: VEHICLE INSURANCE MANAGEMENT

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**Main Report**

**REPORT BILLING POLICY**

No.	Customer	Phone Number	Vehicle Name	Insurance Date Start	Date End	Amount
1	Hai Bui	0912363842	Wigo	14/02/2018	14/03/2019	151,600,000.00
2	Hai Bui	0912363842	Tucson	15/04/2018	15/04/2020	85,000,000.00
3	Hai Bui	0912363842	City	13/05/2015	13/02/2020	737,500,000.00
4	Nguyen Hai	0912363842	Everest	26/01/2019	26/01/2020	30,950,000.00
5	Nguyen Hai	0912363842	Everest	11/06/2019	11/06/2020	70,930,000.00
6	Nguyen Hai	0912363842	GX 460	14/03/2020	14/03/2021	342,400,000.00
7	Bui Nguyen	0912363842	Explorer	16/03/2019	16/03/2020	145,500,000.00
8	Bui Nguyen	0912363842	Grand i10	10/03/2019	10/03/2020	176,700,000.00
9	Bui Nguyen	0912363842	Ranger	9/06/2019	9/06/2020	37,960,000.00
10	Hoang Huy	0779112166	Wigo	14/03/2020	14/03/2022	43,400,000.00
11	Hoang Huy	0779112166	X-Trail	14/03/2020	14/03/2025	313,650,000.00
12	Barbara Smith	4062454307	Triton	14/03/2020	14/03/2022	66,000,000.00
13	Holli Smith	4083789253	Civic	14/03/2020	14/03/2021	37,450,000.00
14	Jack B Smith	2097632717	Mazda 6	14/03/2020	14/03/2021	43,950,000.00
15	Jack B Smith	2097632717	E350 AMG	14/03/2020	14/03/2022	295,000,000.00
16	Michael G Smith	5803712000	Ecosport	14/03/2020	14/03/2021	28,250,000.00
17	Michael G Smith	5803712000	RX 450h	14/03/2020	14/03/2022	651,600,000.00
18	Philip C Smith	3208572236	Jazz	14/03/2020	14/03/2022	60,400,000.00
19	Philip C Smith	3208572236	Pajero Sport	14/03/2020	14/03/2025	286,400,000.00
20	Bernestin Johnson	9133716312	Brio	14/03/2020	14/03/2021	24,900,000.00
21	Bernestin Johnson	9133716312	BT-50	14/03/2020	14/03/2025	182,000,000.00
22	Elizabeth T Arndt	9522370664	RX 450h	14/03/2020	14/03/2021	233,000,000.00
23	Elizabeth T Arndt	9522370664	LS 500	14/03/2020	14/03/2021	512,600,000.00

Page 1 of 2 Mar/16/2020

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**Main Report**

No.	Customer	Phone Number	Vehicle Name	Insurance Date Start	Date End	Amount
24	Timothy R Nardi	4253263059	Grand i10	14/03/2020	14/03/2022	47,600,000.00
25	Timothy R Nardi	4253263059	Accord	14/03/2020	14/03/2021	80,140,000.00
26	Tom L Mundt	8187140640	Jazz	14/03/2020	14/03/2025	168,200,000.00
27	Tom L Mundt	8187140640	Everest	14/03/2020	14/03/2021	72,930,000.00
28	Louise M Bass	5127452520	RX 450h	14/03/2020	14/03/2021	327,800,000.00
29	Louise M Bass	5127452520	Audi Q8	14/03/2020	14/03/2022	636,000,000.00
30	Jeffrey R Kirkland	7736365909	Everest	14/03/2020	14/03/2021	62,940,000.00
31	Jeffrey R Kirkland	7736365909	420i	14/03/2020	14/03/2021	186,430,000.00
32	John A Butler	3015391256	Audi Q7	14/03/2020	14/03/2022	479,200,000.00
33	John A Butler	3015391256	Audi Q5	14/03/2020	14/03/2022	253,000,000.00
34	Alice J Jaramillo	3302016618	C300	14/03/2020	14/03/2025	502,250,000.00
35	Alice J Jaramillo	3302016618	BT-50	14/03/2020	14/03/2025	226,500,000.00
36	Wayne J Jones	9014061932	Accord	14/03/2020	14/03/2025	415,700,000.00
37	Wayne J Jones	9014061932	Accord	14/03/2020	14/03/2025	410,700,000.00
38	Wayne J Jones	9014061932	Morning	14/03/2020	14/03/2021	23,930,000.00
39	Carlos L Todd	7278081626	Audi A3	14/03/2020	14/03/2025	547,000,000.00
40	Carlos L Todd	7278081626	Ecosport	14/03/2020	14/03/2025	210,750,000.00
41	Cao Ba Quat	0912345671	Outlander	14/03/2020	14/03/2021	51,450,000.00
42	Cao Ba Quat	0912345671	Ecosport	14/03/2020	14/03/2022	78,300,000.00
43	Ton That Tung	0912345678	Elantra	14/03/2020	14/03/2021	34,600,000.00
44	Ton That Tung	0912345678	Audi Q8	14/03/2020	14/03/2022	638,000,000.00

Total : 10,010,560,000.00

Page 2 of 2 Mar/16/2020

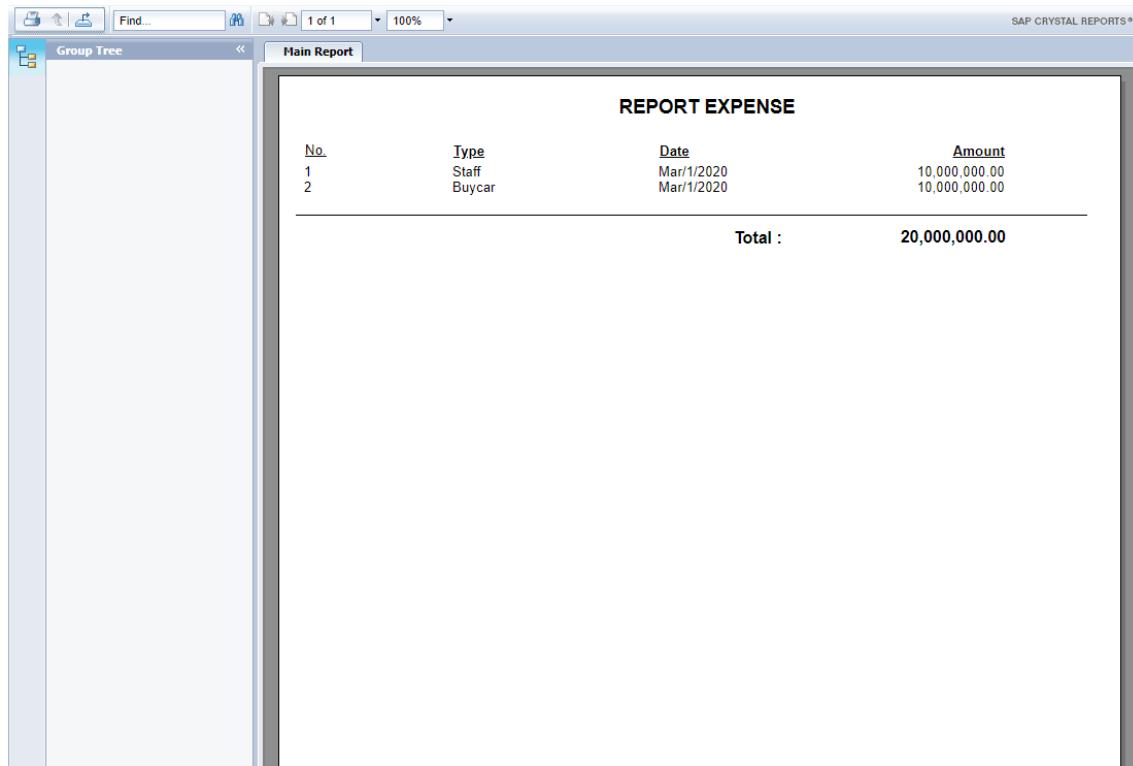
## eProject: VEHICLE INSURANCE MANAGEMENT

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### Expenses report

Feature:

- View report
- Print to PDF
- Export to...
- Total



The screenshot shows a SAP Crystal Reports interface. On the left is a 'Group Tree' pane, and on the right is the 'Main Report' pane. The main report title is 'REPORT EXPENSE'. The data is presented in a table with the following columns: No., Type, Date, and Amount.

No.	Type	Date	Amount
1	Staff	Mar/1/2020	10,000,000.00
2	Buycar	Mar/1/2020	10,000,000.00
Total :			20,000,000.00

### Policies lapsed report

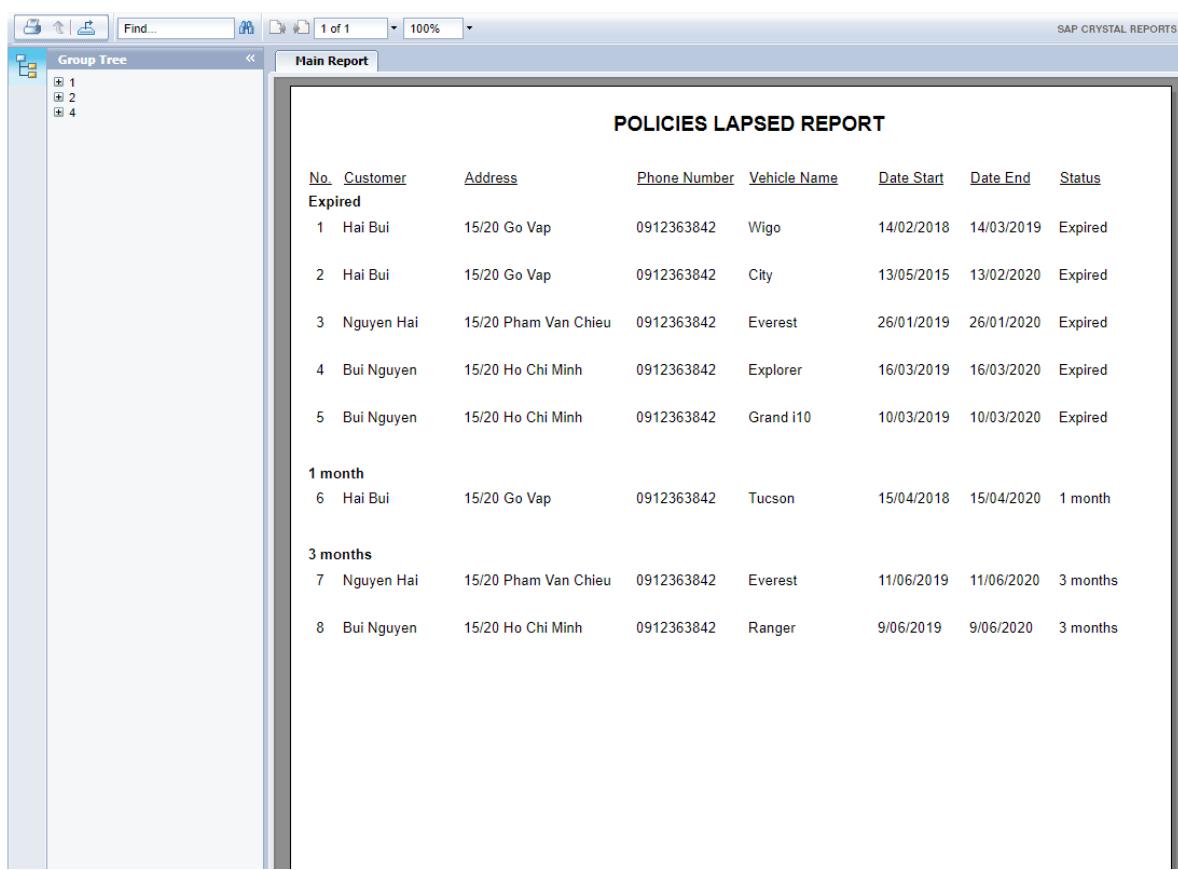
The policies lapsed will show 3 types:

- Expired
- 1 month left
- 3 months left

Feature:

- View report
- Print to PDF
- Export to...
- Total

## eProject: VEHICLE INSURANCE MANAGEMENT



**POLICIES LAPSED REPORT**

No.	Customer	Address	Phone Number	Vehicle Name	Date Start	Date End	Status
<b>Expired</b>							
1	Hai Bui	15/20 Go Vap	0912363842	Wigo	14/02/2018	14/03/2019	Expired
2	Hai Bui	15/20 Go Vap	0912363842	City	13/05/2015	13/02/2020	Expired
3	Nguyen Hai	15/20 Pham Van Chieu	0912363842	Everest	26/01/2019	26/01/2020	Expired
4	Bui Nguyen	15/20 Ho Chi Minh	0912363842	Explorer	16/03/2019	16/03/2020	Expired
5	Bui Nguyen	15/20 Ho Chi Minh	0912363842	Grand i10	10/03/2019	10/03/2020	Expired
<b>1 month</b>							
6	Hai Bui	15/20 Go Vap	0912363842	Tucson	15/04/2018	15/04/2020	1 month
<b>3 months</b>							
7	Nguyen Hai	15/20 Pham Van Chieu	0912363842	Everest	11/06/2019	11/06/2020	3 months
8	Bui Nguyen	15/20 Ho Chi Minh	0912363842	Ranger	9/06/2019	9/06/2020	3 months

## TASK SHEET

Project Ref. No.: eProject / Vehicle Insurance Management		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Assigned	Status
1	Problem defintion	Vehicle Insurance Management	Nguyen Huu Tung	13/01/2020	7	Tung, Hai	Completed
2	Build database			17/01/2020	5	Tung, Hai	Completed
3	Create databse			20/01/2020	2	Tung, Hai	Completed
4	Static pages			22/01/2020	6		Completed
4.1	- Home page			22/01/2020	2	Thur, Huy	Completed
4.2	- About Us			27/01/2020	1	Thur, Huy	Completed
4.3	- Types of Insurance			28/01/2020	1	Thur, Huy	Completed

4.4	- Testimonials		29/01/2020	1	Thur, Huy	Completed
4.5	- Site map		30/01/2020	0.5	Thur, Huy	Completed
4.6	- Contact Us		30/01/2020	0.5	Thur, Huy	Completed
5	Customer pages		31/01/2020	12		Completed
5.1	- Login / Register		31/01/2020	1	Thur, Huy	Completed
5.2	- Forget password		01/02/2020	1	Thur, Huy	Completed
5.3	- Profile		02/02/2020	1	Thur, Huy	Completed
5.4	- Your vehicle		03/02/2020	3	Thur, Huy	Completed
5.5	- Billing		06/02/2020	3	Tung, Hai	Completed
5.6	- Payment		09/03/2020	3	Tung, Hai	Completed
6	Combine static page to dynamic page		12/02/2020	2	Thur, Huy	Completed

## eProject: VEHICLE INSURANCE MANAGEMENT

7	Combine admin template to dynamic page		14/02/2020	2	Hai	Completed
7.1	Customize layout for admin template		16/02/2020	1	Thur, Huy	Completed
8	Admin pages		17/02/2020	23.5		Completed
8.1	- Profile		17/02/2020	1	Thur, Huy	Completed
8.2	- Dashboard		18/02/2020	2	Tung, Hai	Completed
8.3	- Admin List		20/02/2020	2	Thur, Huy	Completed
8.4	- Customer List		22/02/2020	2	Thur, Huy	Completed
8.5	- Vehicle		24/02/2020	4.5	Tung, Hai	Completed
8.5.1	• Add data to database		24/02/2020	0.5	Thur, Huy	Completed
8.5.2	• Vehicle list		25/02/2020	1	Tung, Hai	Completed
8.5.3	• Vehicle model		26/02/2020	1	Tung, Hai	Completed

8.5.4	• Vehicle Version		27/02/2020	1	Tung, Hai	Completed
8.5.5	• Vehicle Name		28/02/2020	1	Tung, Hai	Completed
8.6	- Insurance Type		29/02/2020	3	Thur, Huy	Completed
8.6.1	• Vehicle Warranty		03/03/2020	1	Thur, Huy	Completed
8.6.2	• Vehicle Policy Type		04/03/2020	1	Thur, Huy	Completed
8.6.3	• Add Prove		05/03/2020	1	Thur, Huy	Completed
8.7	- Billing		06/03/2020	2	Tung, Hai	Completed
8.8	- Claim		08/03/2020	3	Tung, Hai	Completed
8.8.1	• Payment		10/03/2020	2	Tung, Hai	Completed
8.8.2	• Claim		11/03/2020	1	Tung, Hai	Completed
8.9	- Expenses		12/03/2020	1	Thur, Huy	Completed
8.10	- Report		13/03/2020	3		Completed
8.10.1	• Customers report		13/03/2020	3	Tung, Hai	Completed

## eProject: VEHICLE INSURANCE MANAGEMENT

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8.10.2	• Claims report			13/03/2020	3	Tung, Hai	Completed
8.10.3	• Billings report			13/03/2020	3	Tung, Hai	Completed
8.10.4	• Expenses report			13/03/2020	3	Tung, Hai	Completed
8.10.5	• Policies lapsed report			13/03/2020	3	Tung, Hai	Completed
9	Test code, design, field			14/02/2020	All times	All teams	Completed
10	Test validation			20/02/2020	All times	All teams	Completed
11	Write documents			15/02/2020	Base on schedule	Tung	Completed

**Date:**

Signature of Instructor:

**Hoang Duc Quang**

Signature of team leader:

**Nguyen Huu Tung**

## UNIT TESTING CHECK LIST

No.	Field	Validation	Show error
1	BodyNo	Duplicate data	"BodyNo" already exists
		Required	The BodyNo field is required.
		{17-17}	BodyNo must be only 17 char
		[A-Za-z0-9]	Please enter a valid bodyno
2	EngineNo	Duplicate data	"EngineNo" already exists
		Required	The EngineNo field is required.
		{10-10}	EngineNo must be only 10 char
		[A-Za-z0-9]	Please enter a valid EngineNo
3	Username	Unique	Available !. you can take it.
		immediate double Value	That name is taken.Try Another.
		Required	The Admin User field is required.
		[A-Za-z0-9]	Please enter a valid User
		{3-18}	The field Admin User must be a string with a minimum length of 3 and a maximum length of 18.
4	Password	Required	
		(?=.*[A-Za-z])(?=.*[0-9])[A-Za-z0-9]	Passwords must have alphabet and number
		{5-45}	Must be a string with a minimum length of 5 and a maximum length of 45.
5	File Image	Auto direct load image when select image	
6	Admin status	Cannot access if login with "Staff" permission	You might not have permission to use this page
7	Claim Amount	Claim amount must be smaller Vehicle Rate	The amount is not valid. Claim payment must be smaller vehicle rate

8	Date of Accident	Have to greater than Insurance Start Date Have to smaller than Insurance end date Have to smaller than date now	Date of Accident is greater than Insurance start date! Date of Accident is smaller than Insurance end date! Date of Accident is smaller than date now!
9	Bill Amount	Bill Amount must have into between Insurance Start Date and Insurance EndDate	
10	Name	Required ^[A-Z a-z]+\$ {2-45}	Please enter a valid Name The field Admin Name must be a string with a minimum length of 2 and a maximum length of 45.
11	Phone	Required {10-10} [0-9]	The Admin Phone field is required. The phone numbers have only 10 numbers Please enter a valid phone number
12	Email	Required {0-45} [A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,4}	The Admin Email field is required. Please enter a valid email address
13	Vehicle Model	Required [A-Za-z0-9] {3-45}	The Vehicle Model field is required. Please enter a valid Model The field Vehicle Model must be a string with a minimum length of 3 and a maximum length of 45.
14	Vehicle Version	Required [0-9]	The Vehicle Version field is required. The field Vehicle Version must be a number.
15	Vehicle Name	Required [A-Za-z0-9 ] [3-45]	The Vehicle Name field is required. Please enter a valid Vehicle Name must be a string with a minimum length of 3 and a maximum length of 45.
16	Vehicle Rate	Required	The Vehicle Rate field is required.

	(10000000, 10000000000000)	Please enter a value greater than or equal to 10000000.
17 Warranty Type	(1, 10)	The field Warranty Type must be between 1 and 10.
18 Policy Type Name	Required	The Policy Type Name field is required.
	[3-45]	The field Policy Type Name must be a string with a minimum length of 3 and a maximum length of 45.
	[A-Za-z0-9 ]	Please enter a valid Name
19 Description	Required	The Description field is required.
	[3-290]	The field Description must be a string with a minimum length of 3 and a maximum length of 290.
20 Policy Rate	[5-20]	The field Policy Rate must be between 5 and 20.
21 Add Prove	Required	The Add Prove field is required.
	[3-45]	The field Add Prove must be a string with a minimum length of 3 and a maximum length of 45.
	[A-Za-z0-9 ./^ -]	Please enter a valid Name
22 Add Prove Rate	(0, 10000000)	The field Add Prove Rate must be between 0 and 10000000.
23 Place of Accident	Required	The Place of Accident field is required.
	[5-18]	The field Place of Accident must be a string with a minimum length of 5 and a maximum length of 18.
	[A-Za-z 0-9.^/ ]	Please enter a valid place of accident
24 Date of Accident	Required	The Date of Accident field is required.
25 Claim Amount	Required	The Claim Amount field is required.
	(100000, 100000000000)	The field Claim Amount must be between 100000 and 100000000000.
26 Amount	Required	The Amount field is required.
	[0-9]	The field Amount must be a number.
	(100000, 100000000000)	The field Amount must be between 100000 and 100000000000.
27 Old password	required	The Old Password field is required.

	{5-45}	The field Old Password must be a string with a minimum length of 5 and a maximum length of 45.
	A-Za-z0-9	The Old Password is invalid
28	New password required	The New Password field is required
	{5-45}	The field New Password must be a string with a minimum length of 5 and a maximum length of 45.
	A-Za-z0-9	Password need alphabet and number
29	Password Confirm required	The New Password Confirm field is required
	{5-45}	The field New Password Confirm must be a string with a minimum length of 5 and a maximum length of 45
	A-Za-z0-9	Password need alphabet and number