

# **INSURANCE CARD**

## **Project Assignment Requirement**

– HCM City, May 2021 –

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## 1. Introduction

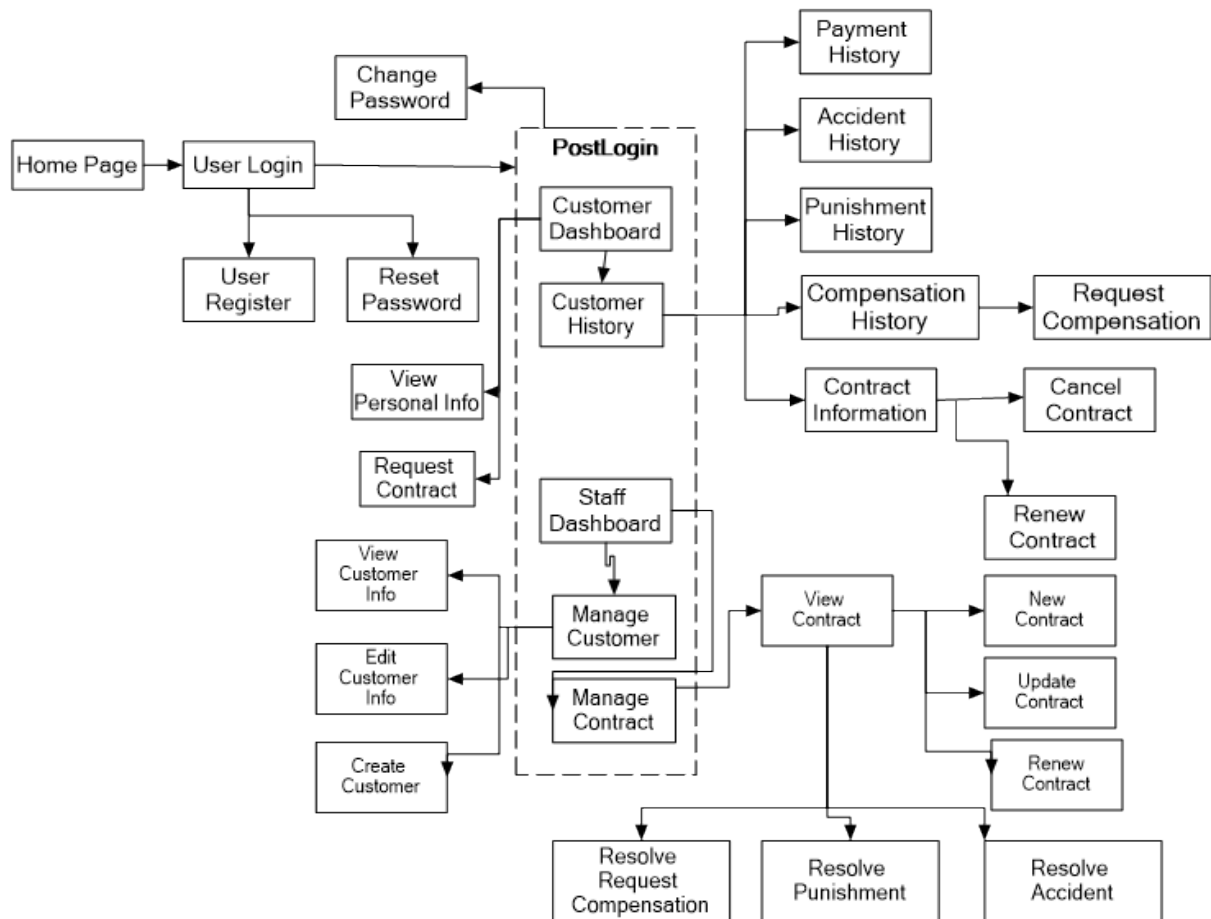
This project is introduced a solution for motorbike insurance company. Current insurance company systems have some problems like delayed in renew contracts for customer or inconvenient in checking insurance card validation process. This system support for the below types of user

- **Guest:** unregistered users
- **Customer** is user who uses service of system. The customer can use some following functions:
  - View history information include:
    - View payment history
    - View accident history
    - View punishment history
    - View compensation history
    - View contract information
  - View personal information
  - Create new contract
  - Renew contract
  - Cancel contract
  - Request compensation
- **Staff** is people who works directly with system to track the information of customer or manages customer, staff can handle directly some problems if it happens from customer. Staff can use some following functions:
  - View profile: they can change password of customer
  - Resolve compensation requests
  - Manage customer includes:
    - View customer information
    - Edit customer information
    - Create new customer
  - Manage contracts includes:
    - Create new contract
    - Update contract information
    - Renew contract
    - Cancel contract
    - Resolve compensation
    - Resolve punishment
    - Resolve accident

## 2. Functional Requirements

### a. Overall Description

The to-be-developed system includes 03 roles with the functions for each role are listed in the beneath sections. More than 30 user screens with the flow as the following diagram are suggested. The details for each screen/function are provided in the attached Excel file (**Insurance\_Functions.xlsx**)



## b. Public Feature

This feature includes the screens used for the Guests, as listed below

- Home Page: the starting page of the system

## c. Common Feature

The common functions/screens used for all types of users, as listed below

- User Login: authenticate the user to give him/her to access authorized features later on
- User Register: register new user into the system, verified by the registered email
- Reset Password: use in case the user forgot his/her password
- Change Password: change user's login password
- User Authorization: authorize user into the system functions based on his/her role

## d. Customer Feature

This includes the screens same as described functions at introduction part. However, all customer's feature should be access from dashboard

## e. Staff Feature

This includes the screens same as described functions at introduction part. However, all staff's features should be access from dashboard

# 3. Other requirements

## a. Configuring information

- All the user-configured data are defined and stored as the system setting(s).

- Other once-configured data are managed via the system config files (as mentions in the relevant functional details in the attached Excel file **Insurance\_Functions.xlsx**)

#### **b. User Input data formats**

The types & format (length, validation, etc) of the input data are suggested by the project team and need to mentioned clearly in the analysing & designing documents.

- Those must be agreed by the supervisor (teacher) before implementing.
- Once agreed, those must be implemented accordingly in the software input validating, data showing and in the system database.