ONLINE SHOPPING SYSTEM

Project Assignment Requirement

– Hanoi, May 2021 –

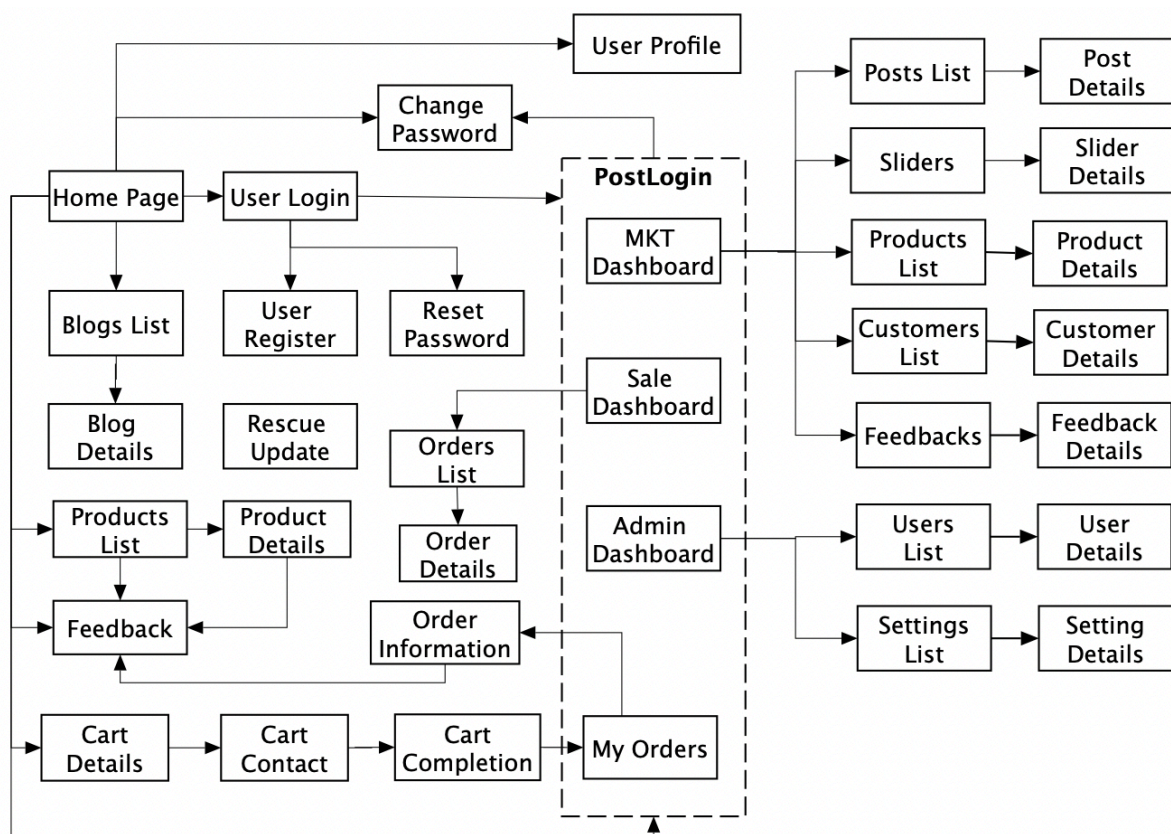# Table of Contents

1. Introduction

This project is aimed at developing an online shop system which supports for the online shopping & product online selling for the shop or any independent organization who want to sell online. This system support for the below types of user

- Guest: unregistered users
- Customer: they are registered users who are actual customers or potential customers
- Marketing: the marketing members of the organization
- Sale: the sale members of the organization
- Sale Manager: the sale manager in the organization
- Admin: the organization leader/manager, acts as the system administrator

2. Functional Requirements

a. Overall Description

The to-be-developed system includes the 6 features with the functions for each feature are listed in the beneath sections. It needs to provide 36 user screens with the flow as the following diagram. The details for each screen/function are provided in the attached Excel file (**Shop_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
- Blogs List: list of shared posts
- Blog Details: detail of the shared post
- Products List: list of the active products
- Product Details: details of the selected product

- Cart Details: details of the user carts (the list of selected products to order)
- Cart Contact: screen that allows user to input/edit the order receiver
- Cart Completion: order completion screen
- Feedback: feedback generally or for a specific product

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 Profile: view & edit/update user profile
- User Authorization: authorize user into the system functions based on his/her role

d. Customer Feature

This includes the screens used for system customers, as listed below
- My Orders: for customer to view his/her submitted orders
- Order Information: to show customer's order details, the customer can edit or cancel the order when it is still in the submitted status

e. Marketing Feature

This includes the screens used for marketing members, as listed below
- MKT Dashboard: view general statistics & trends on the marketing-related data
- Posts List: list, filter, search, show, hide, view, add new or edit existing post(s)
- Post Details: view & edit the details of a specific post
- Sliders List: list, filter, search, show, hide, view, add new or edit existing slider(s)
- Slider Details: view & edit the details of a specific slider
- Products List: list, filter, search, show, hide, view, add new or edit existing product(s)
- Product Details: view & edit the details of a specific product
- Customers List: list, filter, search, show, hide, view, add new or edit existing customer/contact(s)
- Customer Details: view & edit the details of a specific customer
- Feedbacks List: list, filter, search, show, hide, view, add new or edit existing feedback(s)
- Feedback Details: view & edit the details of a specific feedback

f. Sales Feature

This includes the screens used for sale persons, as listed below
- Sales Dashboard: view general statistics & trends on the sale-related data
- Orders List: list, filter, search, show, hide, view, add new or edit existing assigned order(s). The sale manager can have accesses to all the orders
- Order Details: view & edit the details of a specific assigned order. The sale manager can have accesses to all the orders

g. Admin Feature

The Admin feature includes the screens used for the organization manager and system administrator, as listed below
- Admin Dashboard: view general statistics & trends about the management-related data
- Users List: list, filter, search, show, hide, view, add new or edit existing user(s)
- User Details: view & edit the details of a specific user

- Settings List: list, filter, search, show, hide, view, add new or edit existing system setting(s)
- Setting Details: view & edit the details of a specific system setting

3. Other requirements

a. Configuring information

- All the user-configured data (Post Categories, Product Categories, User Roles, Admin Menu, etc.) are defined and stored as the system setting(s). Those are managed via the Settings List & Setting Details as mentioned above (in the part 2.g)
- Other once-configured data are managed via the system config files (as mentions in the relevant functional details in the attached Excel file **Shop_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.