



FPT ACADEMY INTERNATIONAL  
FPT – APTECH COMPUTER EDUCATION

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# MEDICYAH

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Month: 05 Year: 2019

**This is to certify that**

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**have successfully designed & developed:**

Project: **Medicyah**

**Submitted by:**

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**Date of issue:** \_\_\_\_\_ May 26<sup>th</sup> 2019

**Authorized Signature:**

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# **REVIEW 1**

## **I. Acknowledgement**

It is often said that “Gratitude is the sign of noble souls”. That’s why we devote this chapter to express our deep gratitude towards those who have supported and guided us to accomplish this Project successfully.

First and foremost, we appreciate the invaluable assistance that our beloved instructor – Mr. Ngo Phuoc Nguyen, has offered us. Whenever problems come up, he’ll always the one that we can count on for solutions. Moreover, there were moments when our team decided to give up our project, and Mr. Nguyen gave us a pep talk to keep us back on the track. Therefore, once again, we truly value your dedication and guidance, Mr. Nguyen.

Next, it would have been impossible to carry out and complete this project without the collaboration among our team members. Although we have gone through many obstacles during the project implementation, eventually we gained what we aimed at by our hard work, our strong commitment and of course, our brotherhood.

Finally, thanks to Aptech’s Project assignment, we had a golden opportunity to apply what we have learnt into reality and gain hands-on experience which is essential for our future career.

## II. Problem Definition:

### 1. Introduction

From the beginning in the scientific laboratories and research establishments, computers have enclosed to become essential for modern business and industry. Today their presence is felt in all way of life such as making passenger reservation for the railways, forecasting the weather, monitors and run power plants, helping hospital to render service to patients etc.

### 2. Existing Scenario

The marketing around the digital environment, customer's buying behavior may not be influenced and controlled by the brand and firm, when they make a buying decision that might concern the interactions with search engine, recommendations, online reviews and other information. With the quickly separate of the digital devices environment, people are more likely to use their mobile phones, computers, tablets and other digital devices to gather information. In other words, the digital environment has a growing effect on consumer's mind and buying behavior. In an online shopping environment, interactive decision may have an influence on aid customer decision making. Each customer is becoming more interactive, and though online reviews customers can influence other potential buyers' behaviors.

#### Why recommender system?

When you read some news, watch a movie on Netflix, or simply buy something on Amazon you will get some messages like:

- You will also probably like this
- Frequently bought together
- Product related to this item
- Customer who bought this item also bought
- Because you have seen X you might also like Y
- Recommended for you

They are just recommending you an item to be consumed. And that's because of intricate systems have a profile of the users, and they know what kind of items they tend to consume. Thus, they just try to come up with items you will more probably like, instead of the most popular, or just a random set of items that might not be of your taste.

Ecommerce, such as Amazon or Ebay in US and MercadoLibre in South America, are putting a lot of money to build great teams just to focus on improving the accuracy of their recommenders, because by doing so, users are much more tempted to buy more things.

## III. Requirement Specification

### 1. Customer's Requirement Specifications

Website will be a 24/7 sales channel to provide customers information about the product, order online at the website at any time. Specially, customers can:

- ✓ View detail information about product.
- ✓ Search product by name or filter product by category, type, brand and price.
- ✓ Compare product.
- ✓ Track recently viewed product.
- ✓ Member have registered to manage their personal information, order, wish list and rate product.
- ✓ Intelligent system can suggest products based on rating history of customer.
- ✓ Order online and manage cart.
- ✓ View business information (address, google map).
- ✓ **Special:** A.I system will help user diagnose disease through symptoms of patients and provide advice for each case

Website also providing business management tools (shop owner):

- ✓ Store management: add, delete, edit components of the site.
- ✓ Report to manage business activities of the store.
- ✓ A.I system can be statistics on the rate of each disease by region, year, season and predict diseases that may break out in the near future.

### 2. Functional Requirement Specifications

#### A. Function of Guests (Unregistered customer):

##### a Description:

Guests can use basic functions of the website such as viewing product details, shop's information (stores, contacts, etc...), searching products, comparing products, making orders and manage carts, could view suggested products for guest in the home page, tracking recently viewed products, or signing up to become members.

## b Functional Requirement:

When customers access the home page, there should be:

- ✓ List of featured product (hot, sale, new, etc....)
- ✓ List of suggested product which be processed base on the rating history of all members.
- ✓ Link to navigate to list of shop's stores filtered by cities and have a google map with markers of stores in the map.
- ✓ A text field to search products (auto complete when typing and display with lazy loading).
- ✓ Link to filter products by categories, brands, types.
- ✓ Link to other things such as about shop, terms & conditions, privacy policy, social pages (if have).

Text field to search product by name:

- ✓ When customers typing, they should see the auto complete function which is a panel containing a list of products have their names contains the string in search field.
- ✓ Lazy loading function: auto complete should only load the number of products in current view of the panel and continue loading when customer scroll the mouse down to view more products.

Filter product:

- ✓ Customers should be able to filter products by categories, brands or price.
- ✓ Webpage should have a section to show all categories with types in every category, all brands, a seek bar to choose price between a range.
- ✓ List of filtered products will appear after customer click on the link of above section. List should show products in grid view or list view.
- ✓ List should have pagination function, which let customer to choose the number of items in each displayed page (page size).

When customers click on products, they should be navigated to pages with the details information. In there, they can:

- ✓ Add products to comparing list (maximum of 3 products).
- ✓ See list of products they may also like (using machine learning algorithms to generate the list and have maximum of 4 products).
- ✓ See list of recently viewed products (maximum of 6 products).

Compare product:

- ✓ Customers see all information of chosen products in column format.
- ✓ They should also use mouse to drag to order the products.

**B. Function of Member (Registered customer):****a. Description:**

Guests can register on the website to become a member. After having their accounts, they can still do all function as guests but they will be able to access more features after login. After login, they can update their information including password change, order online and try A.I diagnostic system.

**b. Functional Requirement:**

After adding products to cart, they should be able to manage cart with follow functions:

- ✓ Update quantities of items (quantities must be greater than 0)
- ✓ Remove items (one by one or all at the same time) with confirmations.
- ✓ Link to check out.
- ✓ Give shipping information: name, phone, address, ship date, ship note (if have).
- ✓ Choose payment method: cash, bank transfer, credit card.
- ✓ A review of order's information at the final step and customers can print it.

Members should provide Email, Password, Name, Phone, Gender to create an account.



Members must provide Email and Password to login into the website (login page should have the function for customers to remember their login information). User can modify their information after login.

After member login:

Modify their information (except Email).

Manage their orders: view all orders, check every order details.

Manage their wish list: view all items, can remove items (one by one or all), and should have a confirmation for removing.

Make ratings for products: rate for products (from 1 to 5 stars), if rated, they can view their ratings and can update ratings.

Be suggested appropriate products: system processing their historical ratings to suggest products users may be interested in

### C. Function of Admin:

#### Description:

Admin are shop's staffs. After login, they will manage information related to products and customers, follow customers' orders, diagnostic shop's business status via number of sales and charts, control the machine learning processing of the website.

#### Functional Requirement:

Via admins' pages, after log in using emails and passwords, admins can:

Manage information related to products and customers:

Add, update, delete: data in tables such as: products, categories, types, brands, stores, customers.

Note: if tables in database have a status field (with true or false values), delete function means only changing values of this field to false.

Follow customers' orders:

Have a page to change the orders' status with values (listed base on real order): processing (default - 1), shipping (2) and completed (3).

Note: when update status, new value should be validated to make sure previous order of current order not be chosen (example: if current status is 'shipping', then 'processing' should not be chosen).

Can view reports with charts about sales status. Control the machine learning processing:

Have a page to run the process and the chart of cost function.

Have a page to view suggested products for customer base on the process.

**Note:** Constraint validation must be provided wherever necessary. And the website should have the smooth navigations.

### 3. System Requirement Specifications

#### A. Server requirements:

✓ Hardware:

Component	Requirement
CPU	Processor type: Pentium IV-compatible processor or faster Processor speed: Recommended: 2.0 GHz or faster
OS	Microsoft Windows XP or higher with IIS
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 2 GB or more
Hard Drive	Free space: Minimum: 200 MB Recommended: 50 GB or more Maximum: Operating system maximum

✓ Software:

Component	Requirement
Java Development Kit	JDK 1.7
RDBMS	Microsoft SQL Server 2008

#### B. Client requirements:

✓ Hardware:

Component	Requirement
CPU	Processor type: Pentium III-compatible processor or faster Processor speed: Recommended: 1.0 GHz or faster
Memory (RAM)	RAM: Minimum: 512 MB Recommended: 1 GB or more Maximum: Operating system maximum
Hard Drive	Free space: Minimum: 10 MB

✓ Software:

Component	Requirement
OS	All OS(Window ,Linux ,Android ,Mac OS ...)
Web Browser	IE 4.0 , Firefox 3.0,Chrome or Higher.....

#### 4. Development Software:

- ✓ Microsoft SQL Server Management Studio 2017.
- ✓ Netbean 7.4.
- ✓ Microsoft Visio 2016.
- ✓ Java EE 7 SDK
- ✓ Java Development Kit (JDK) 1.7
- ✓ Glassfish Server 4.0

#### 5. Technology:

- ✓ Java EE 7.
- ✓ Java Server Pages.
- ✓ Enterprise Java Bean (EJB) 3.0.
- ✓ Bootstrap 3.7.
- ✓ HTML 5 + CSS 3.
- ✓ Javascript
- ✓ Jquery 1.11.1
- ✓ Jquery UI 1.11.1
- ✓ Ajax
- ✓ EJML Library (for matrix operation – Machine Learning)
- ✓ Collaborative Filtering (Machine Learning algorithm)

#### 6. Scope of Project:

There are some functions not to be included in this project as follows:

- Manage the warehouse: all products with different sizes and colors will be always available.
- Manage promotions: this project will be built base on a sample promotion that apply a discount of 10% for all products.
- Manage the shipping.
- Manage payment methods via credit card.

# TASK SHEET REVIEW 1

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Acknowledgement	Medicyah	Liem	06/05/2019	1	All member	Completed
2	Problem Definition			06/05/2019	1	All member	Completed
3	Requirement Specification			06/05/2019	1	All member	Completed
4	Task sheet review			06/05/2019	1	Liem	Completed

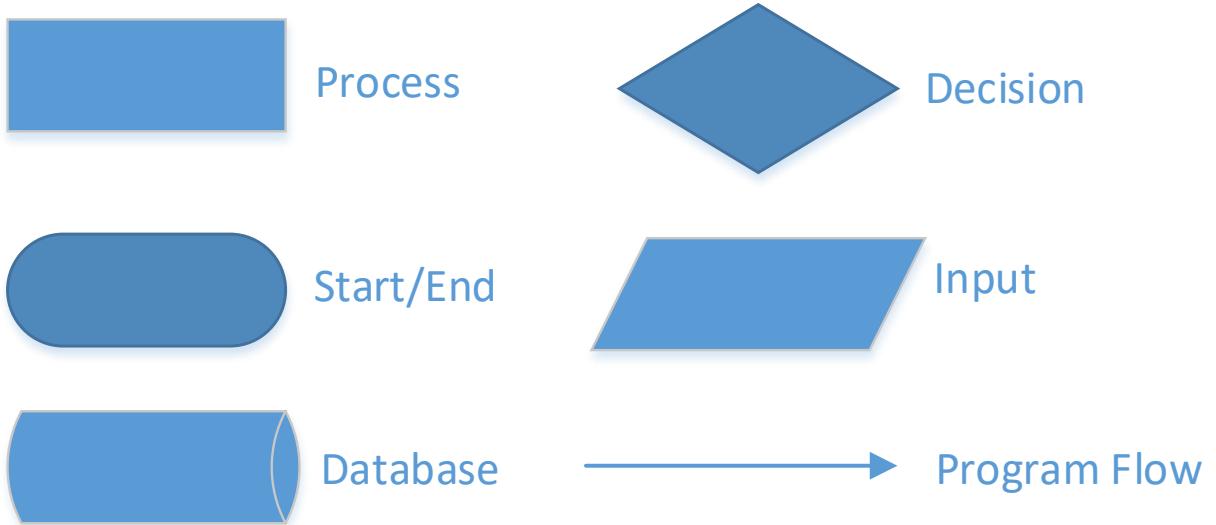
  

<b>Date: 07/05/2019</b>	
Signature of Instructor:	Signature of Team Leader:
Mr. Ngo Phuoc Nguyen	Vo Thanh Liem

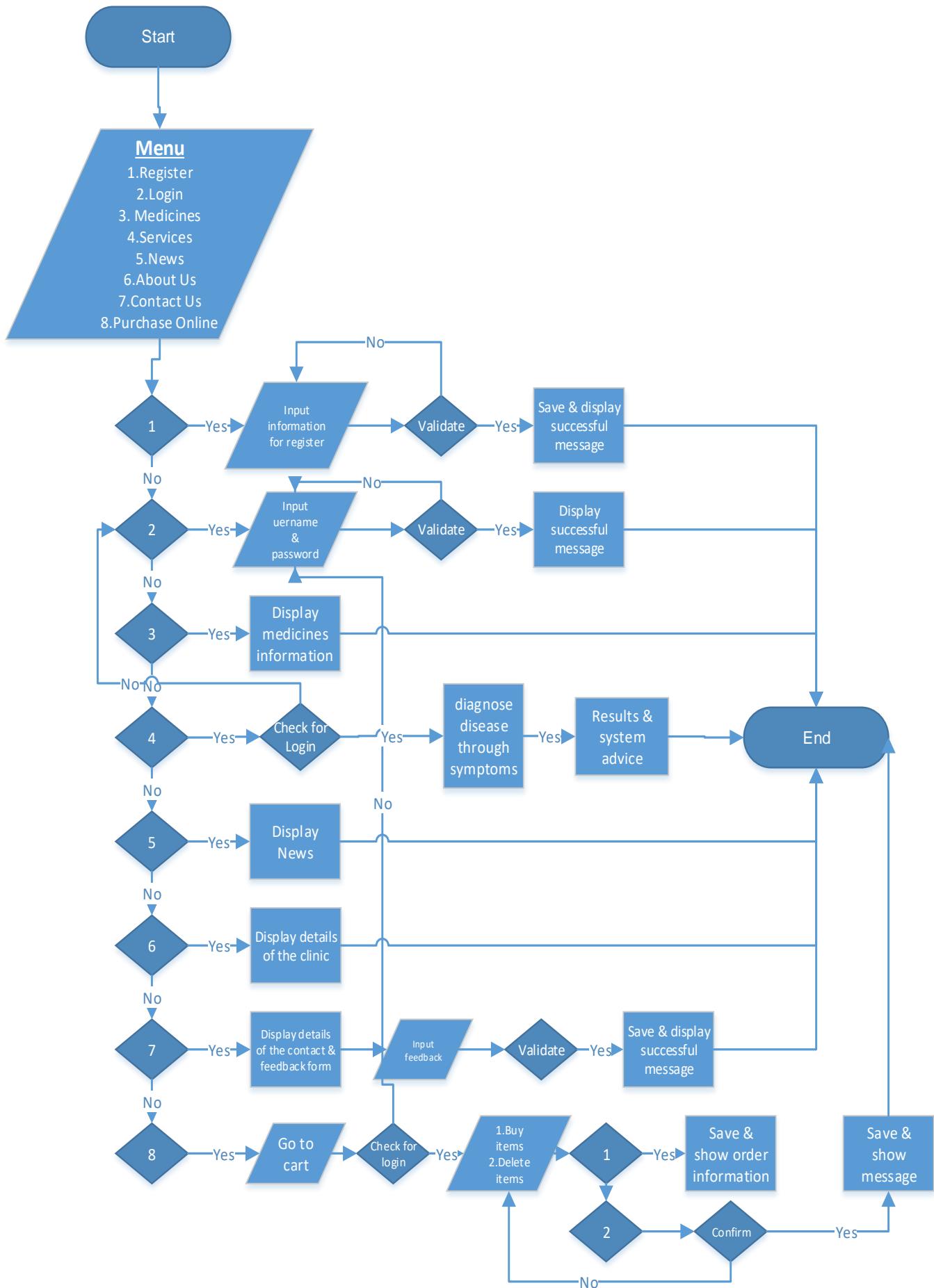
# **REVIEW 2**

## I. Algorithms – Data Flowchart

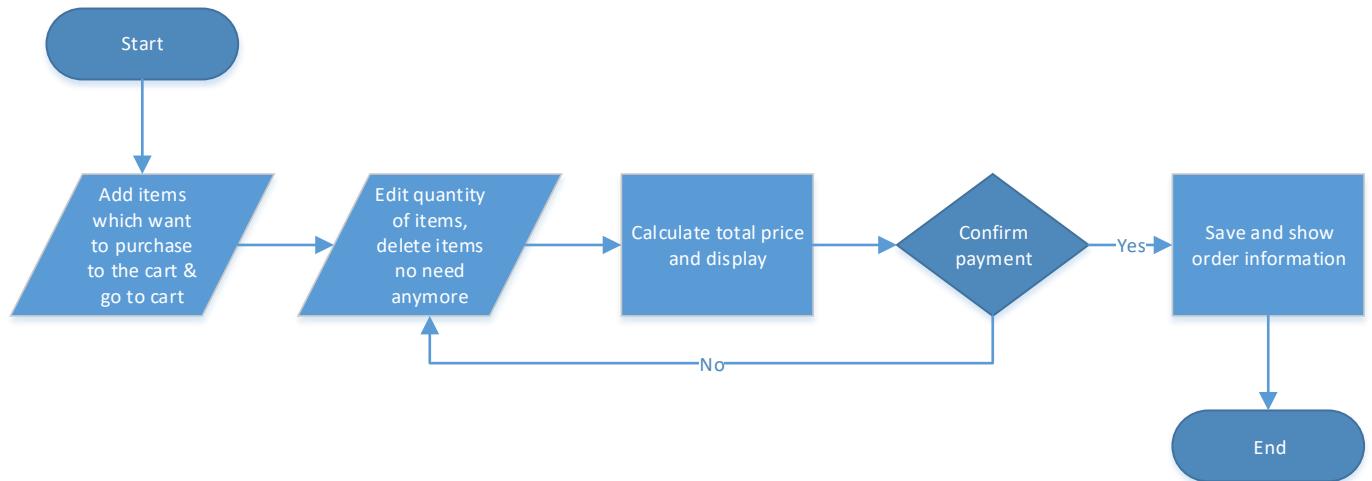
**Symbol generates:**



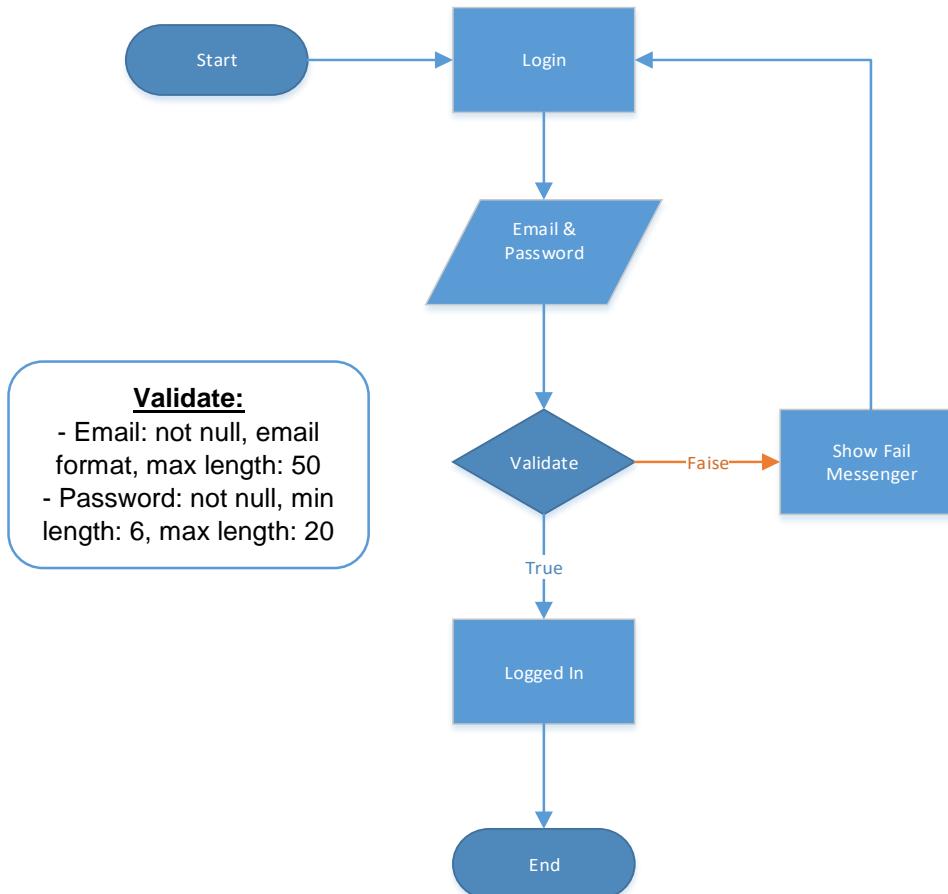
## 1. Main data flowchart for users



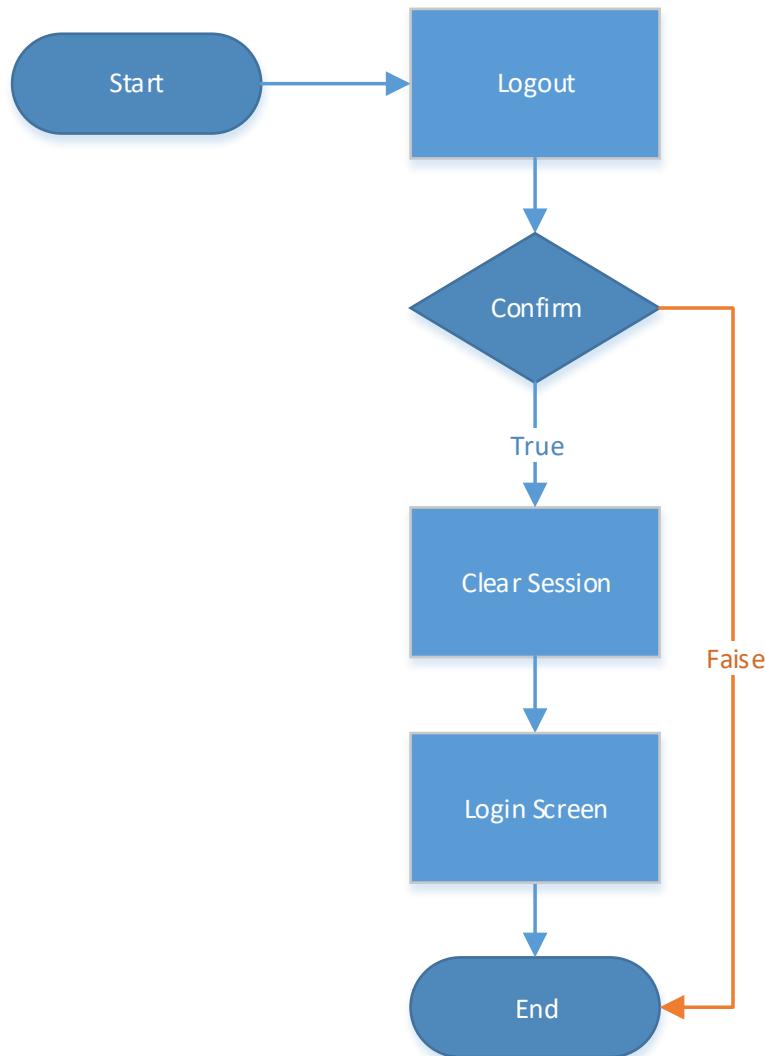
## 2. Purchase online for users



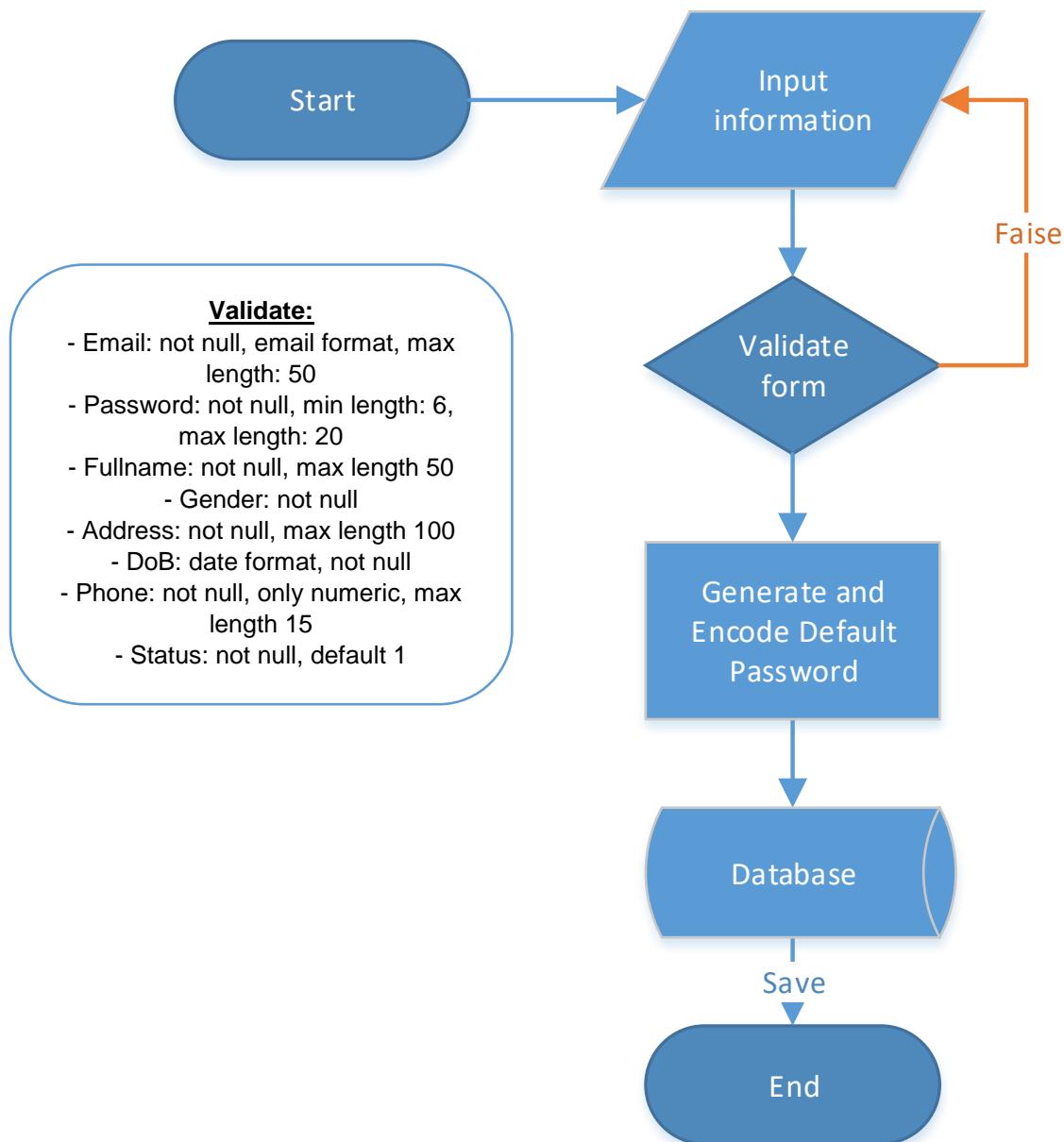
## 3. Login process (For admins and users)



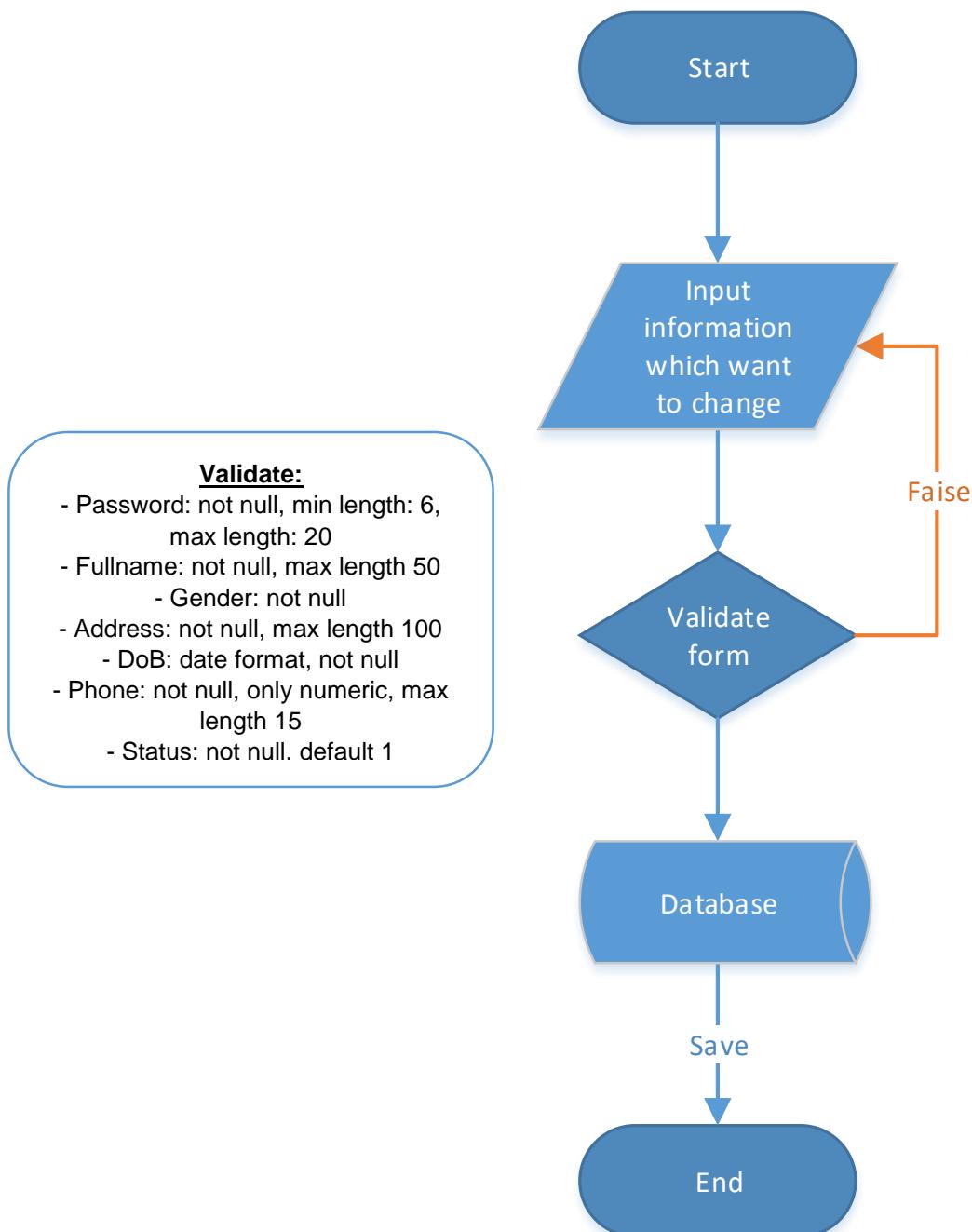
#### 4. Logout process (For admin and users)



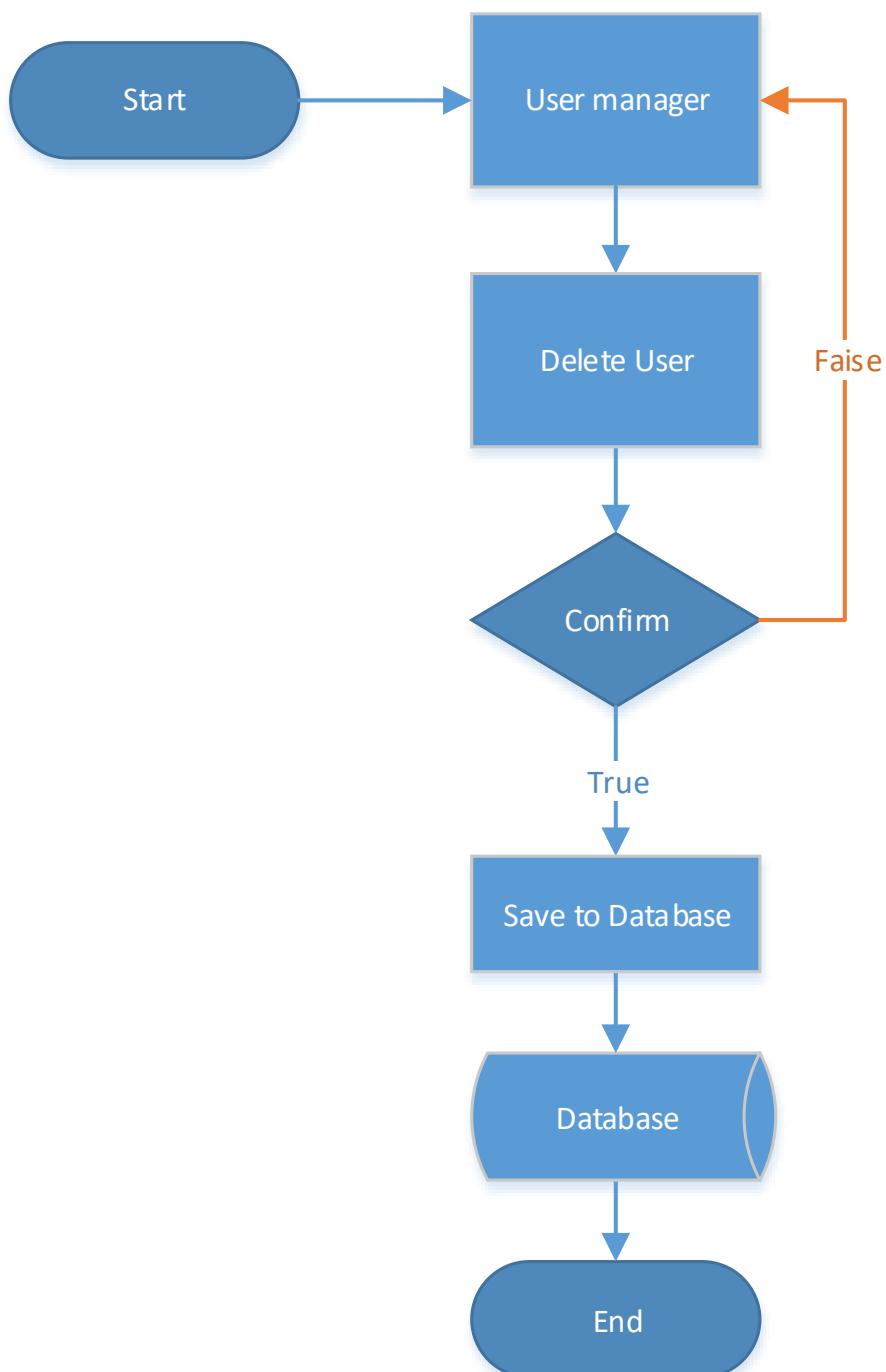
## 5. Insert Users (For customers)



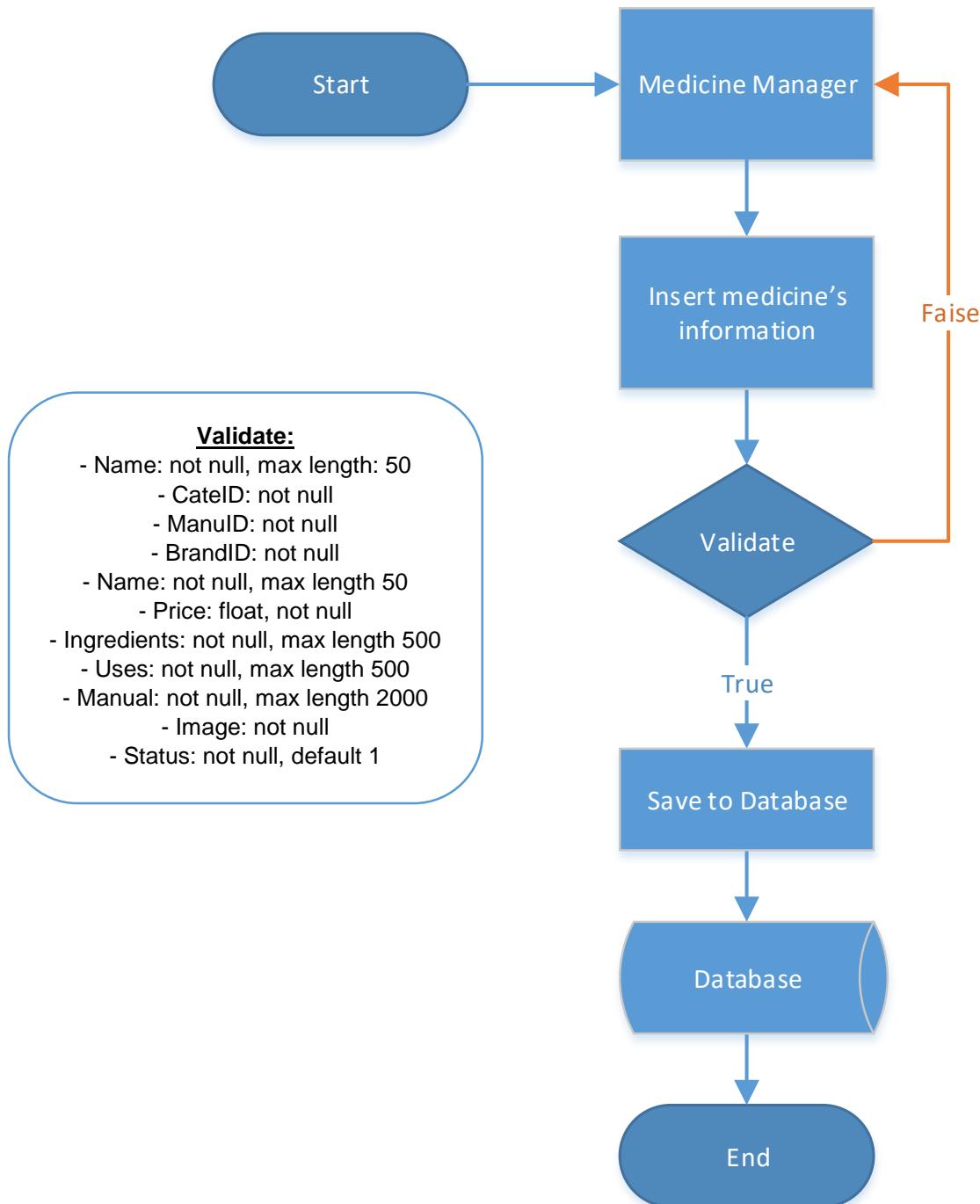
## 6. Update user's information (For users)



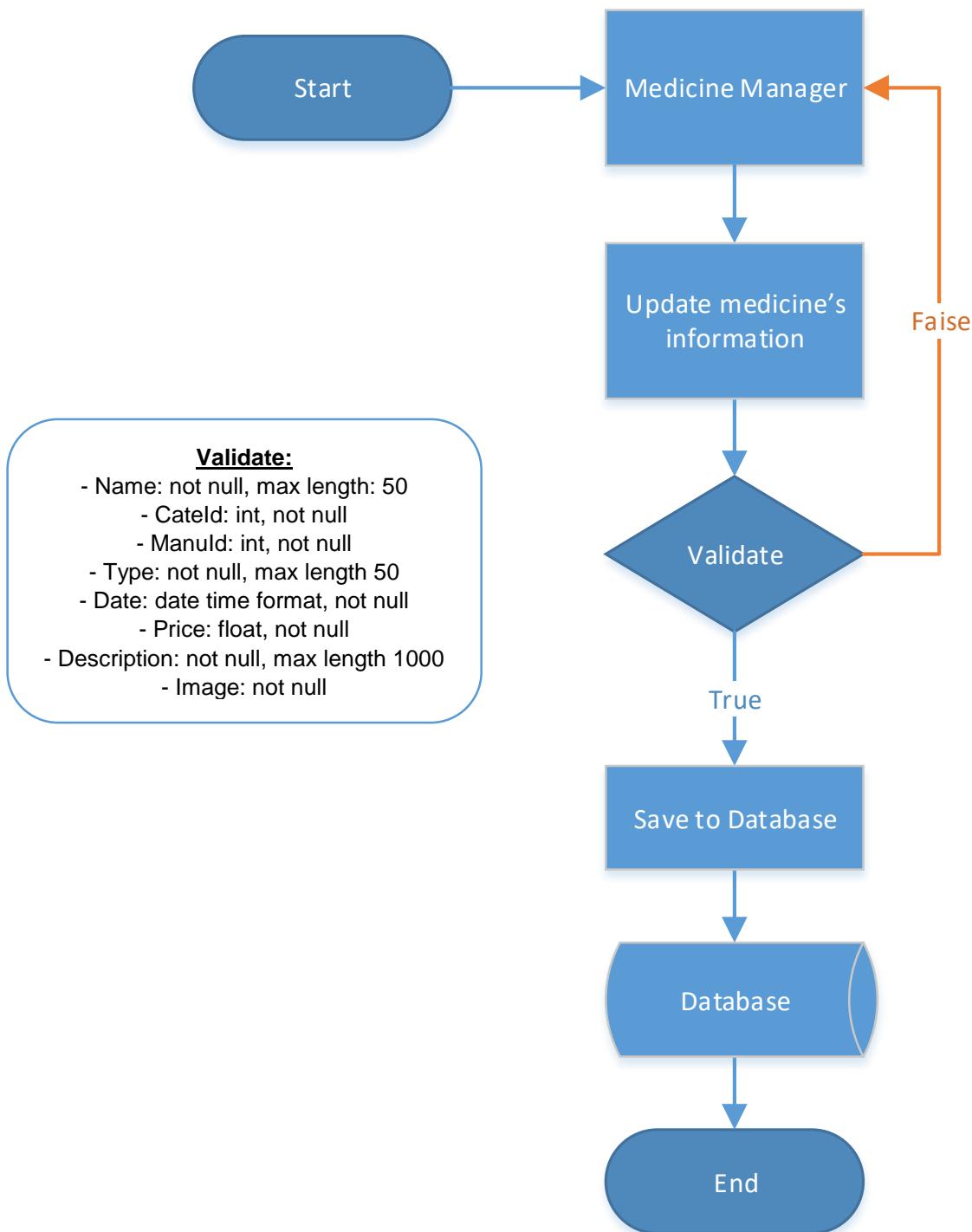
## 7. Delete User (For admin only)



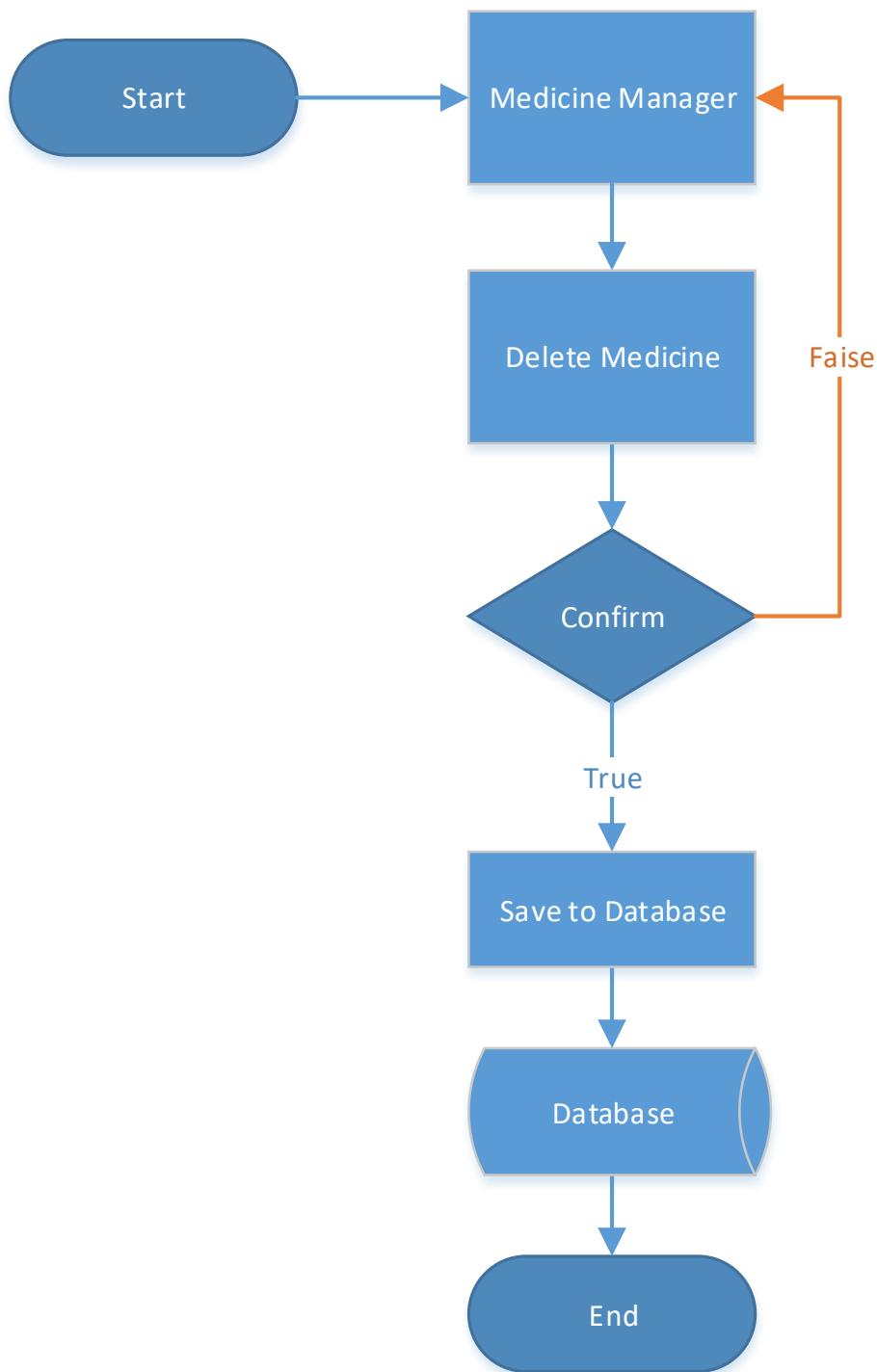
## 8. Insert Medicine (For admin only)



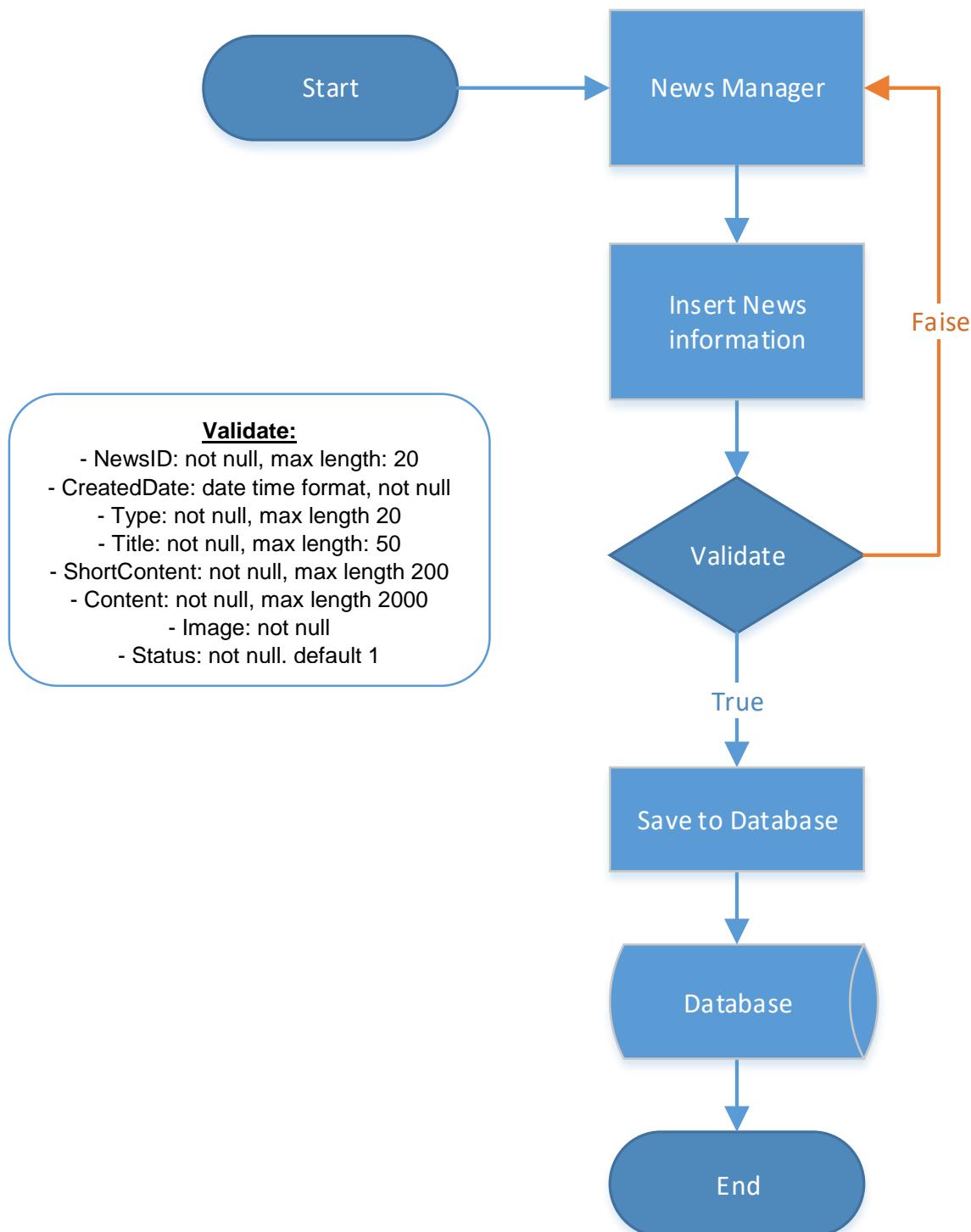
## 9. Update Medicine (For admin only)



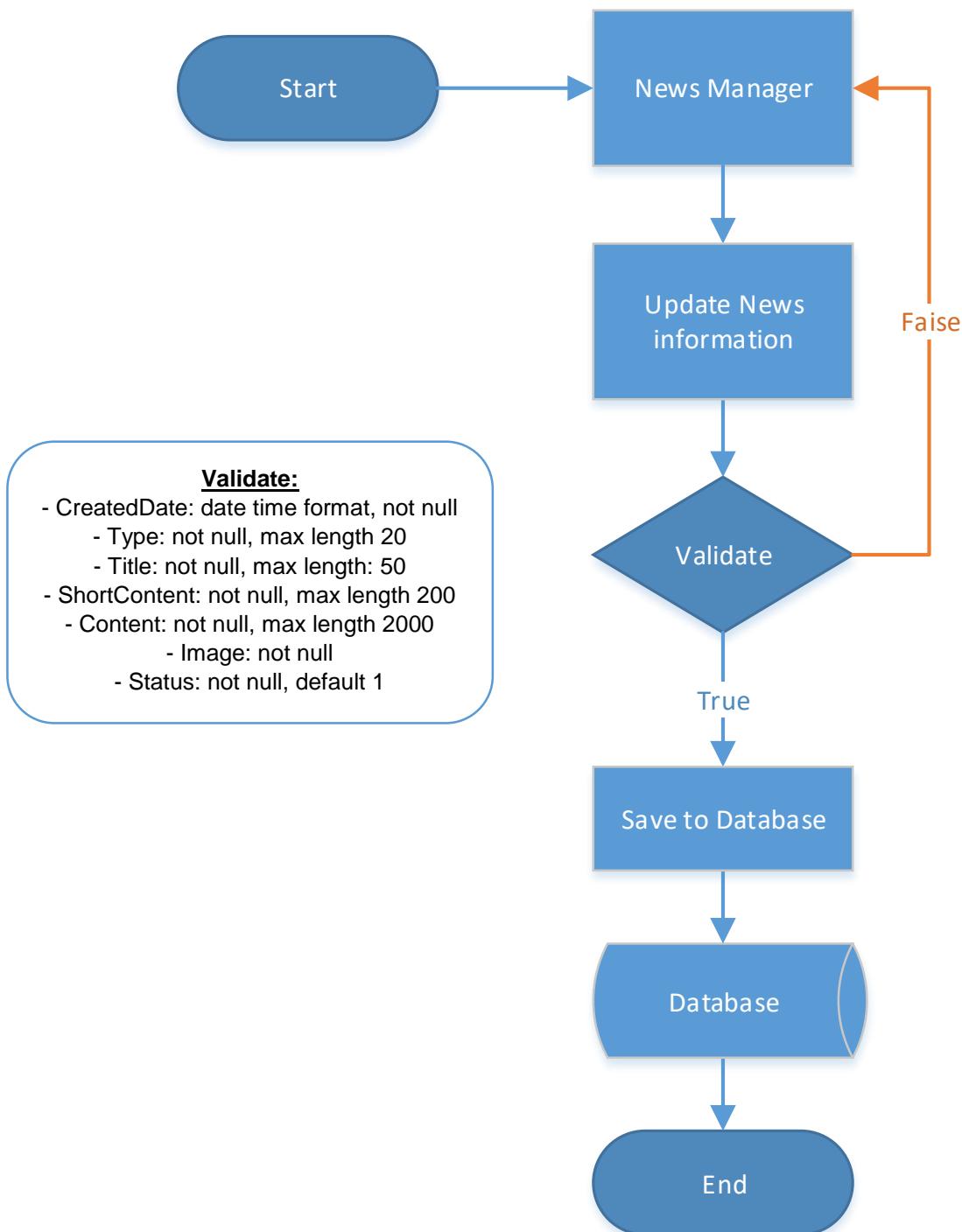
## 10. Delete Medicine (For admin only)



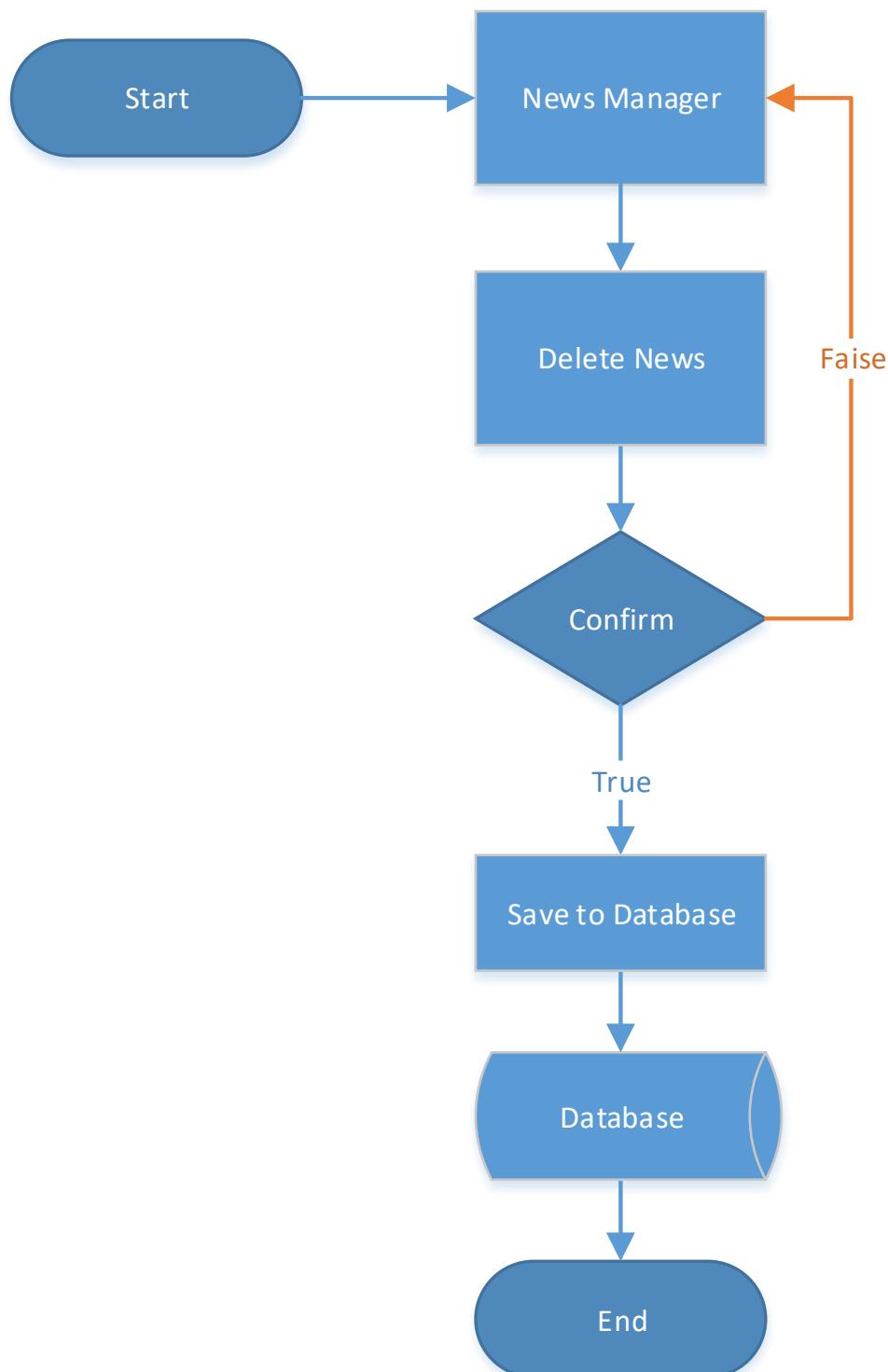
## 11. Insert News (For admin only)



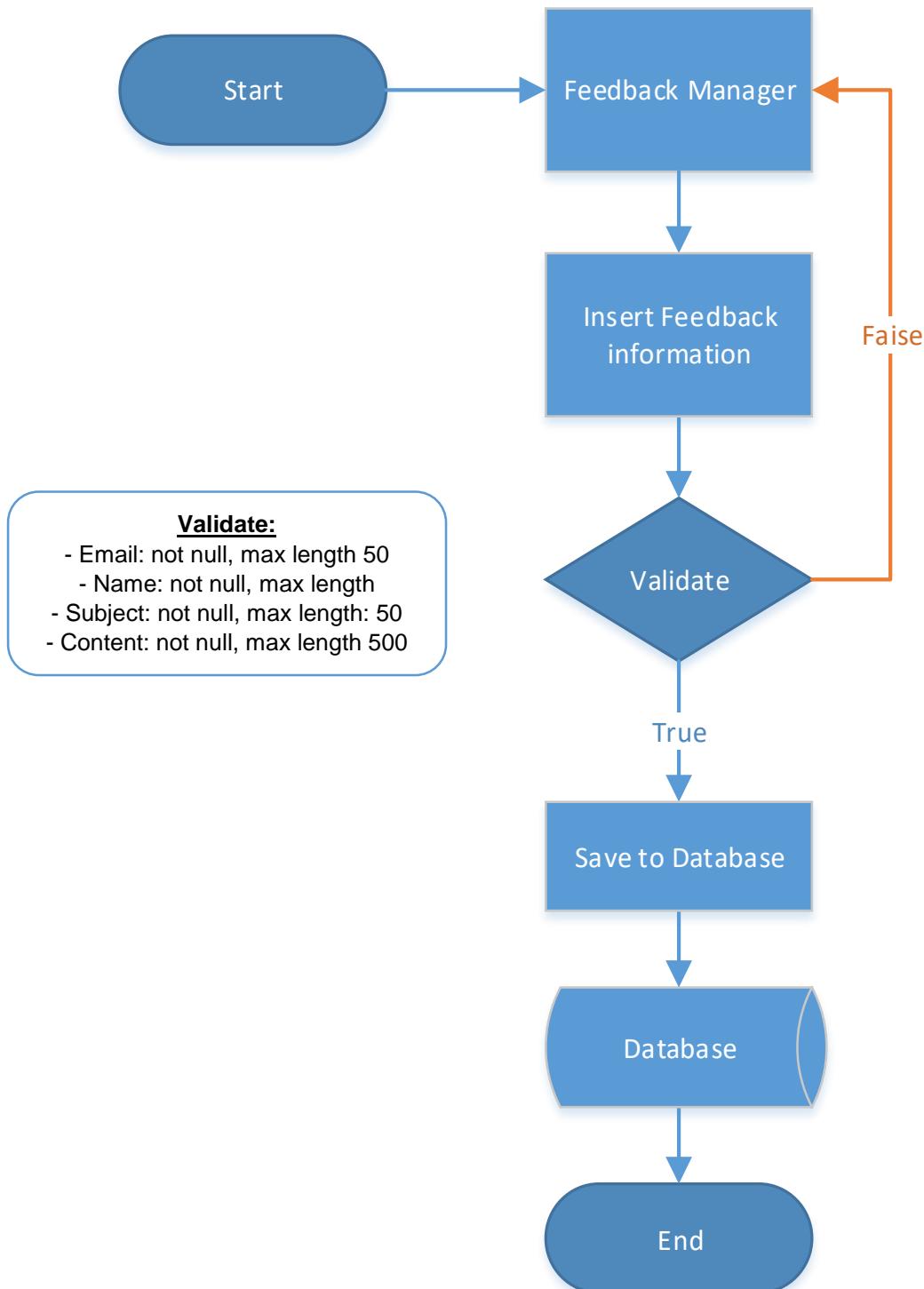
## 12. Update News (For admin only)



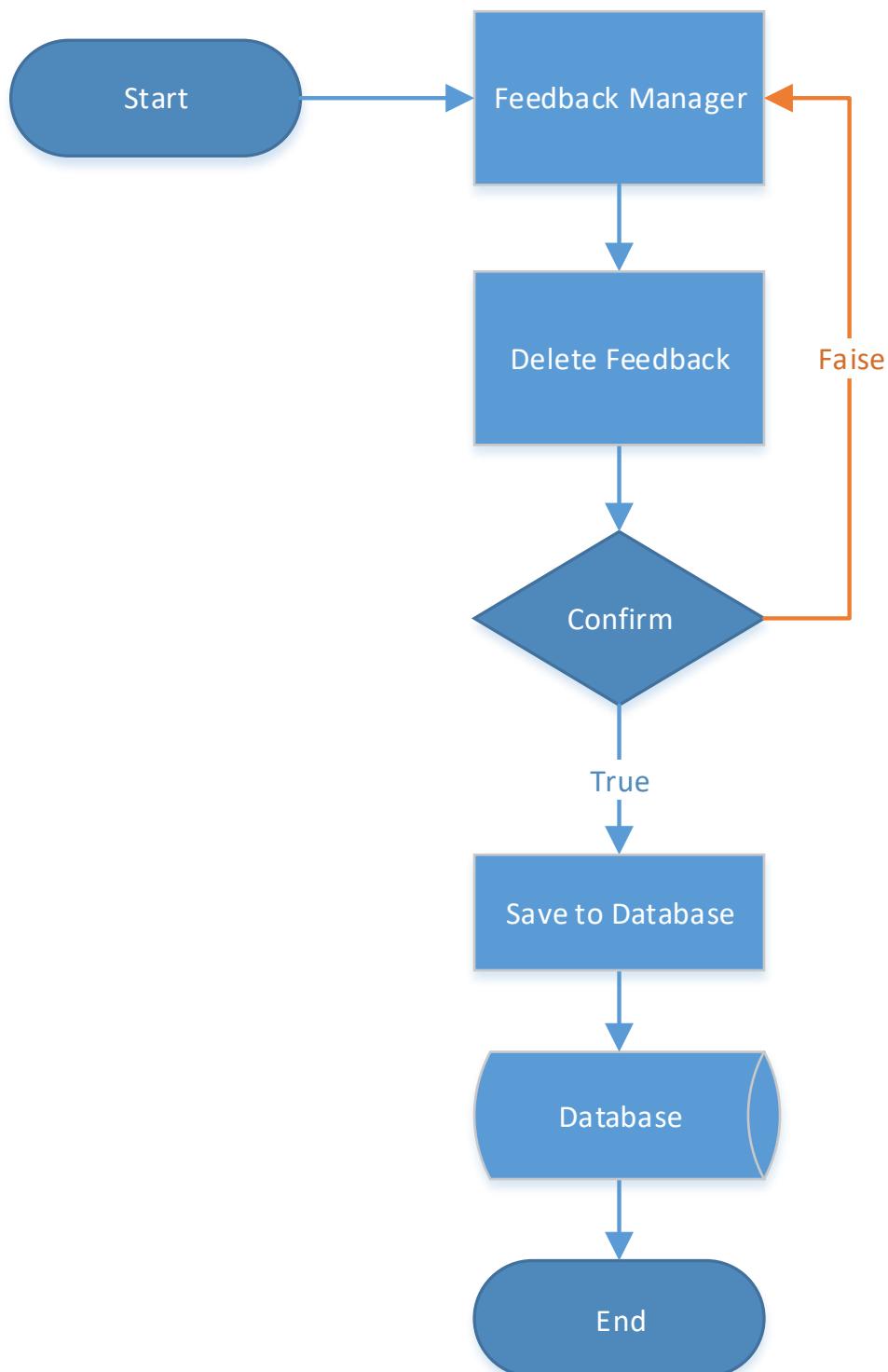
### 13. Delete News (For admin only)



## 14. Insert Feedback (For customer only)



## 15. Delete Feedback (For Admin only)



## II. Data Flow Diagram (DFD)

**Define:** Data Flows Diagram (DFD) describes the information flow in the system. The next step of system analysis is to consider in detail the information necessary for the implementation for functions discussed above and the one necessary for the improvement of the functions. Modelling tool frequently used for this purpose is DFD. DFD will support 4 main activities:

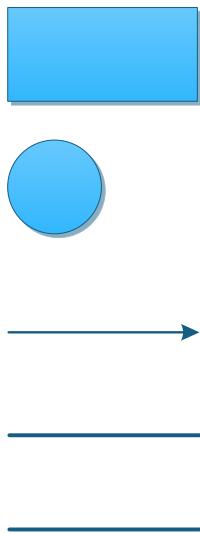
**Analysis:** DFD is used to determine requirement of users.

**Design:** DFD is used to map out plan and illustrate solution to analysis and users while designing a new system.

**Communication:** one of the strength of DFD is its simplicity and ease to understand to analysts and users;

**Document:** DFD is used to provide special description of requirement and system design. DFD provide an overview of key functional components of the system but it does not provide any detail on these components. We have to use other tools like database dictionary, process specification to get an idea of which information will be exchanged and how.

The main components of Context Diagram:



**External**

**The external factors:** External factors can be a person, a group of persons or an organization that are sources of information for the systems and are where system products are transferred to.

**The process**

**The process:** Shows the common function of system

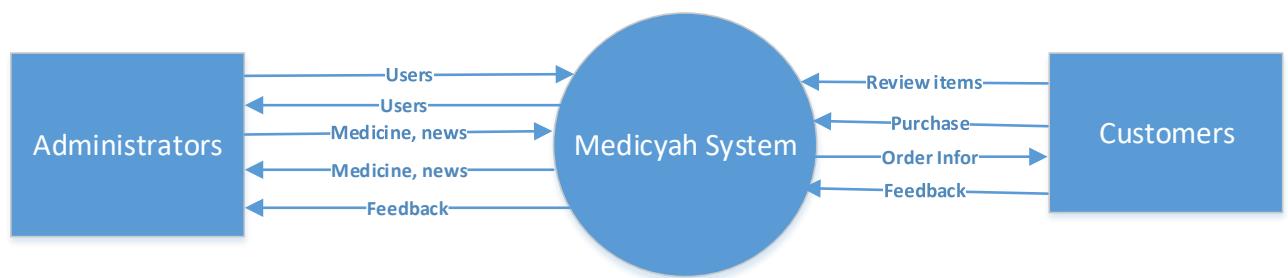
**Data flow**

**The data flow:** Describe the movement of information from one part of the system to another.

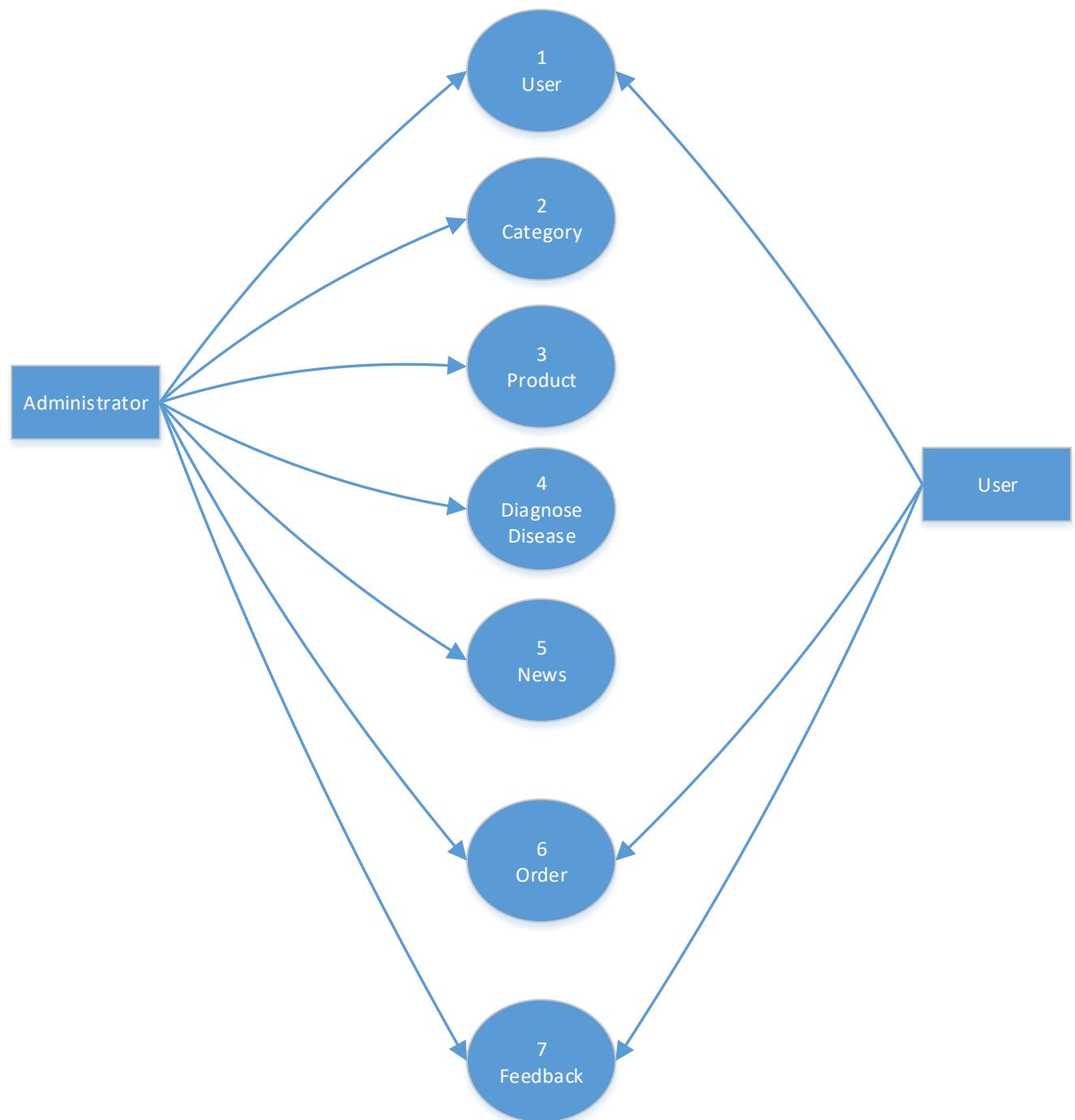
**Data store**

**The data store:** The Data Store is used to model a collection of data packets at rest. A store is represented graphically by two parallel lines. The name of a Data Store that identifies the store is the plural of the name of the packets that are carried by flows into and out of the Data Store

## 1. Context Level Diagram

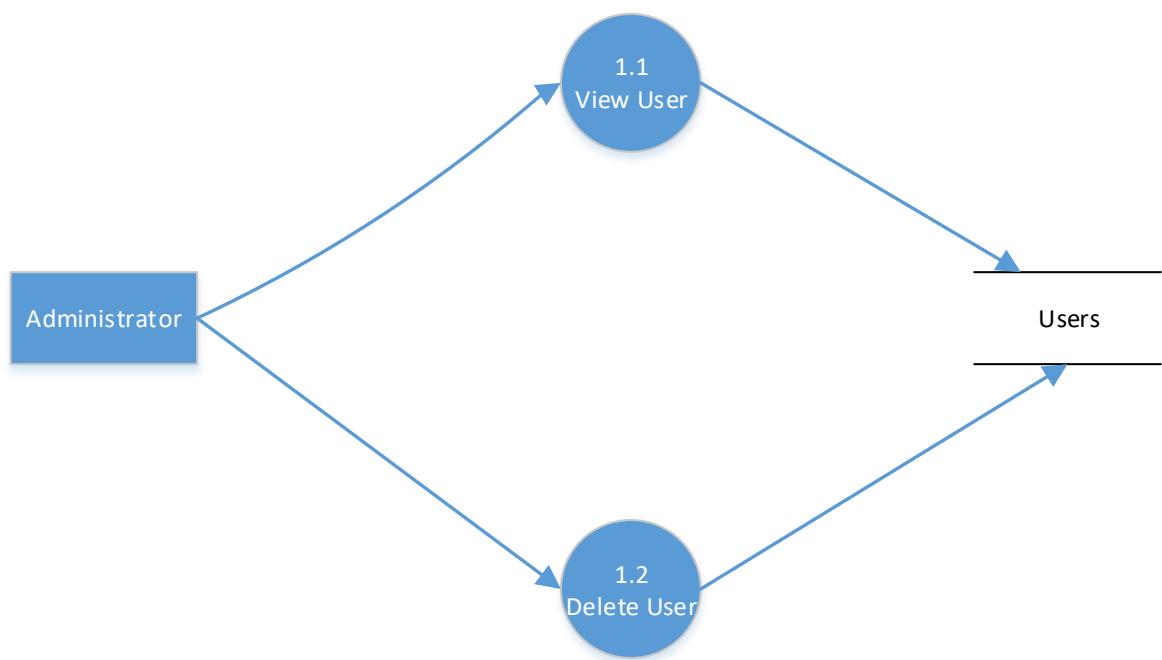


## 2. Level 0 DFD

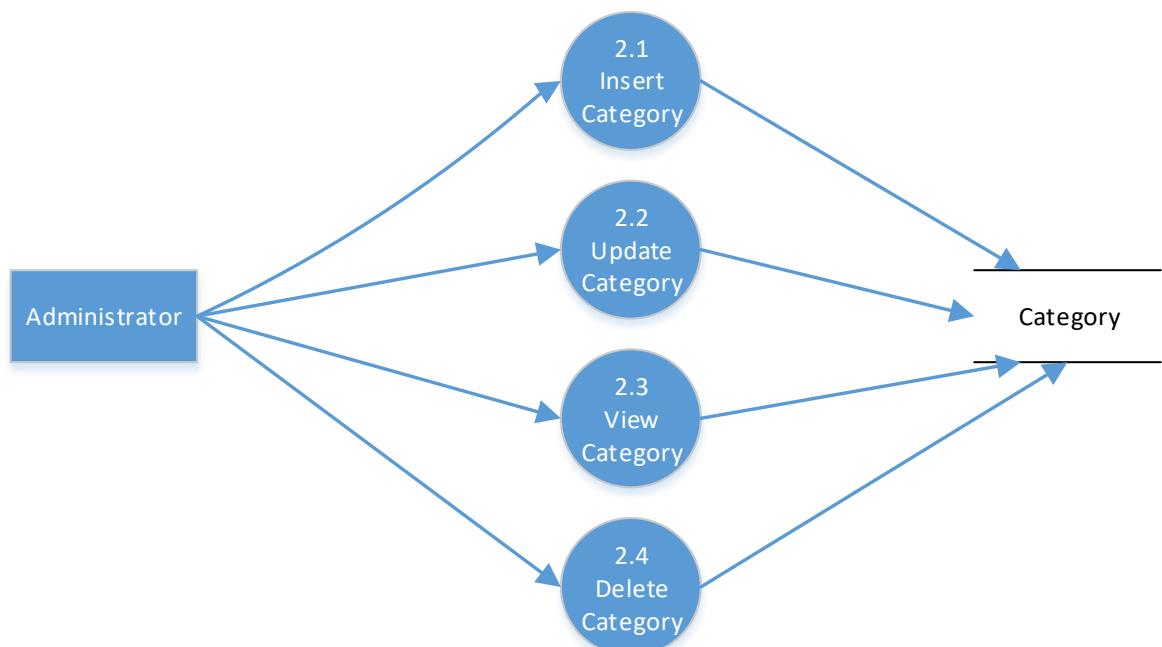


### 3. Level 1 DFD

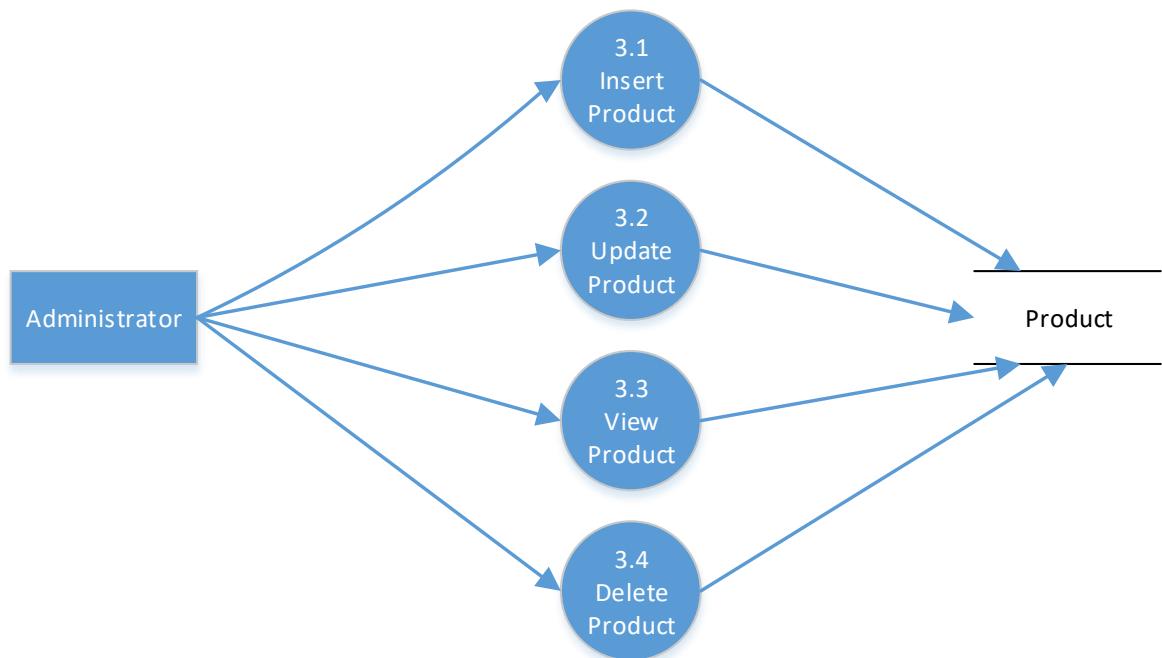
#### 3.1. Administrators Manage Users



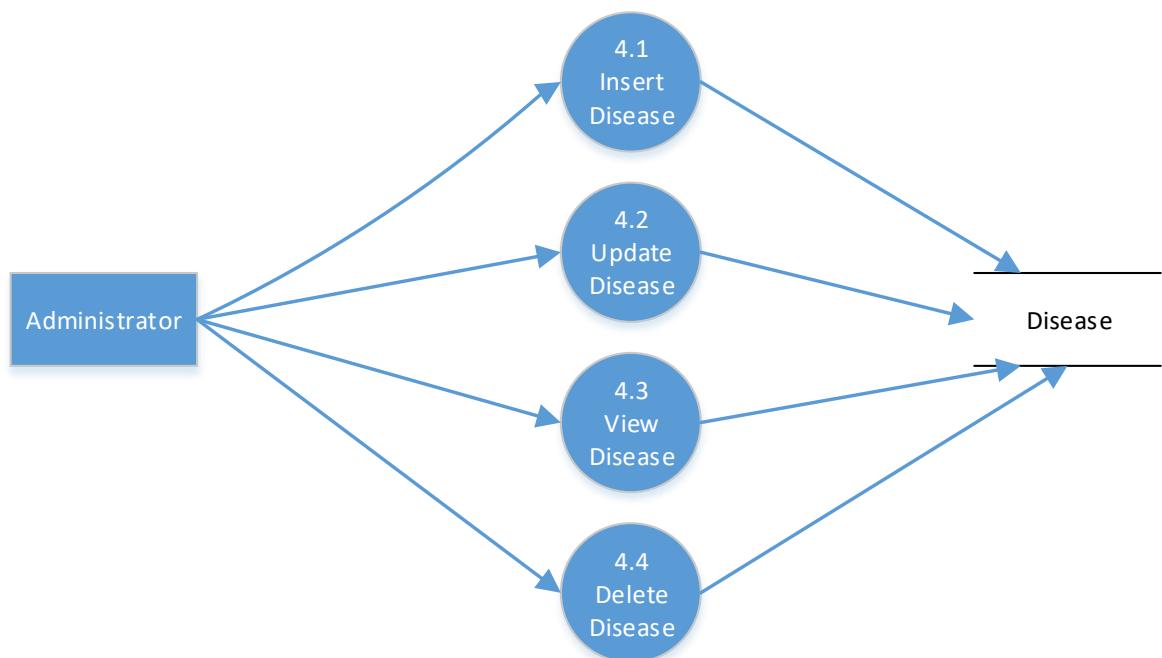
#### 3.2. Administrators Manage Category



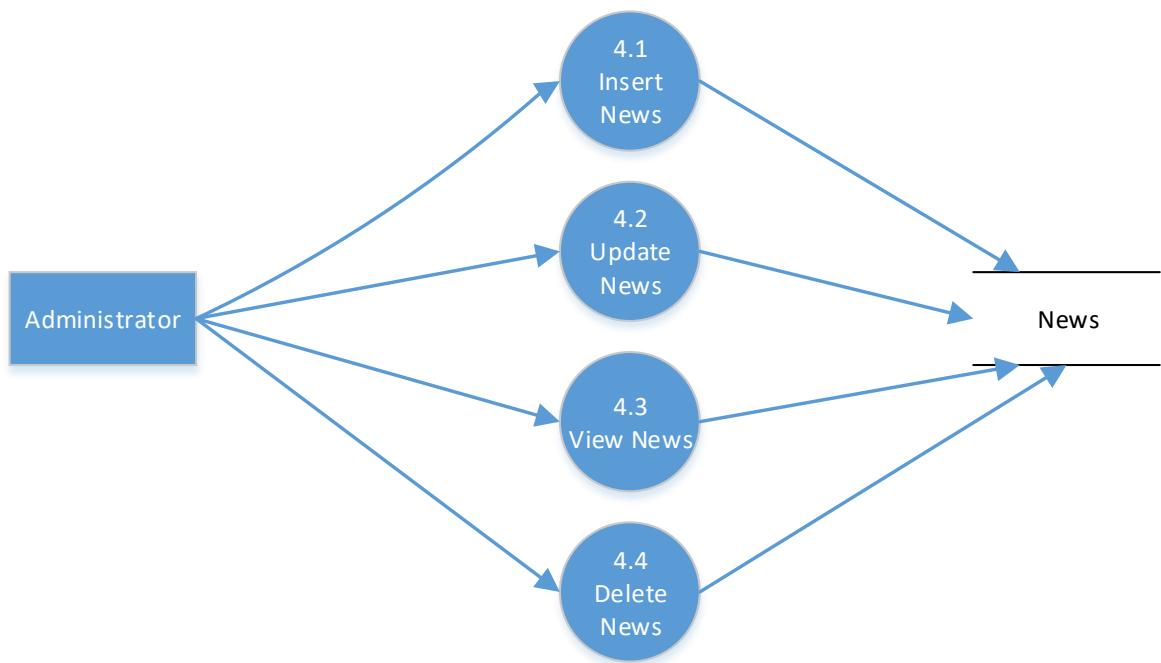
### 3.3. Administrators Manage Product



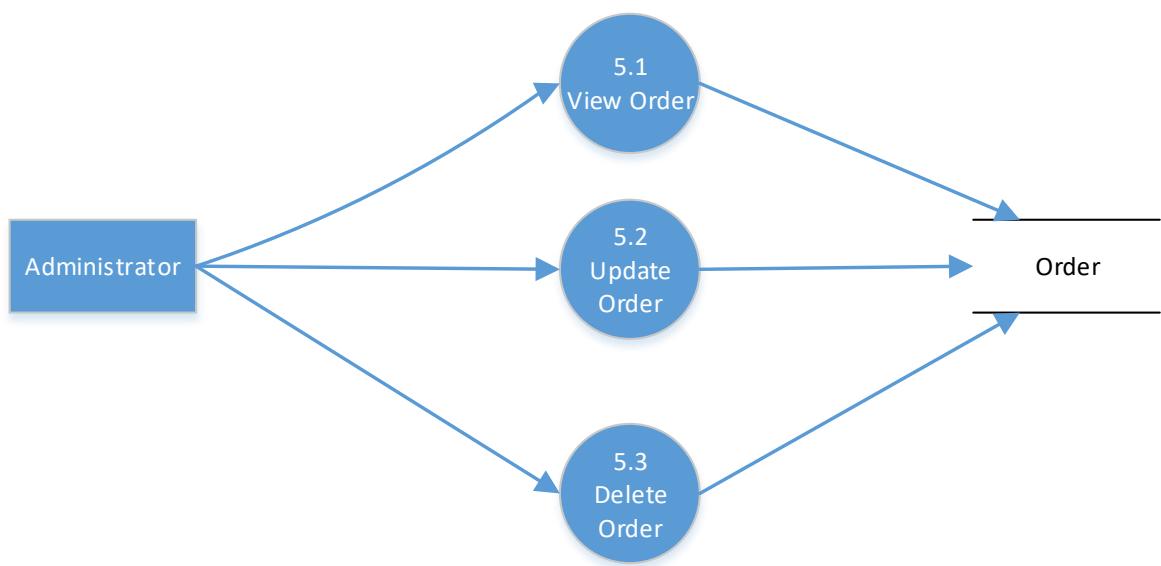
### 3.4. Administrators Manage Diagnose Disease



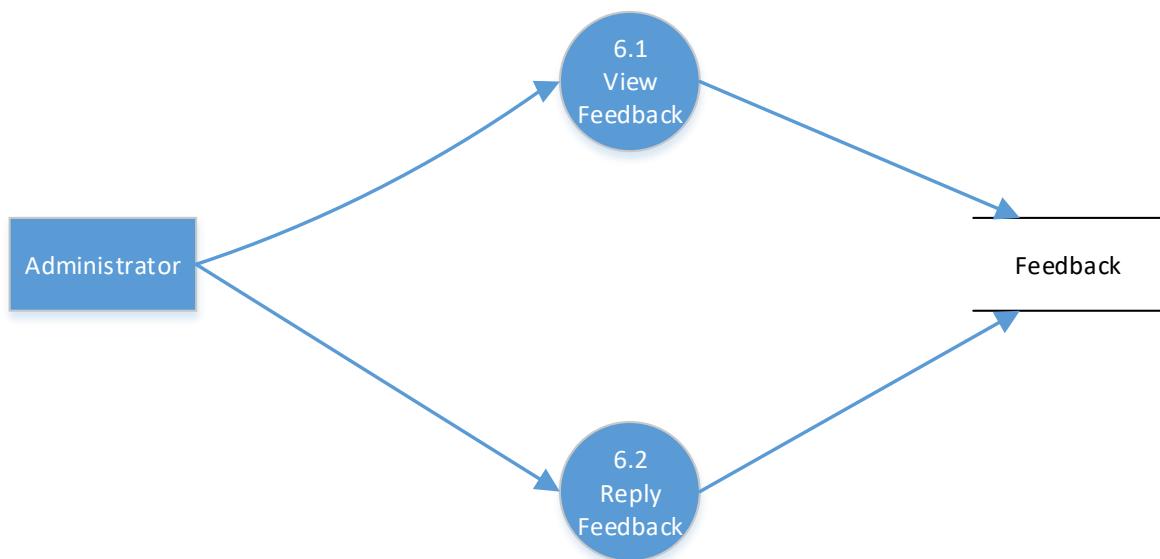
### 3.5. Administrators Manage News



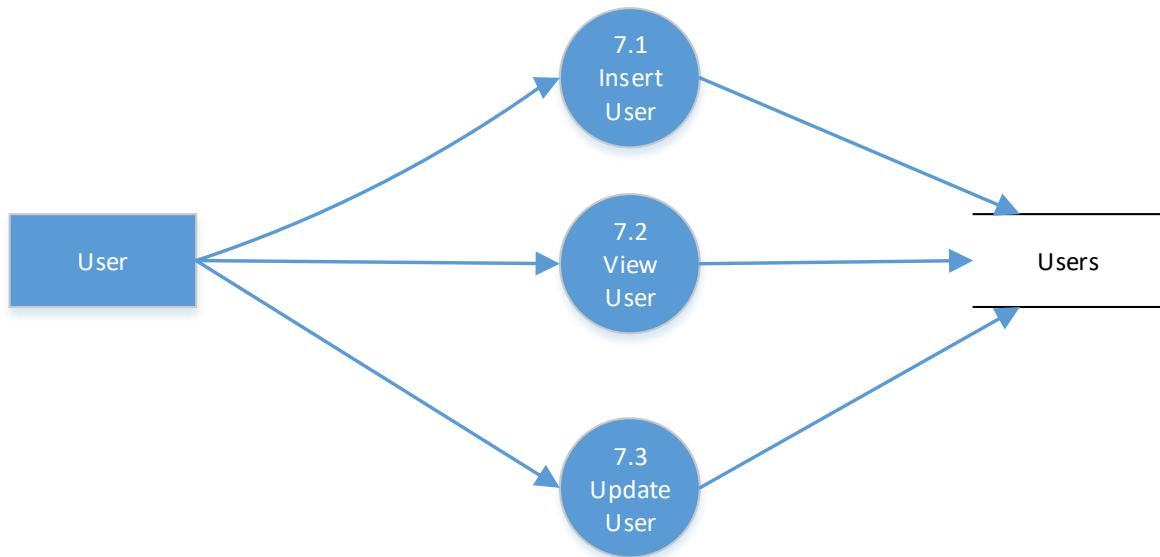
### 3.6. Administrators Manage Order



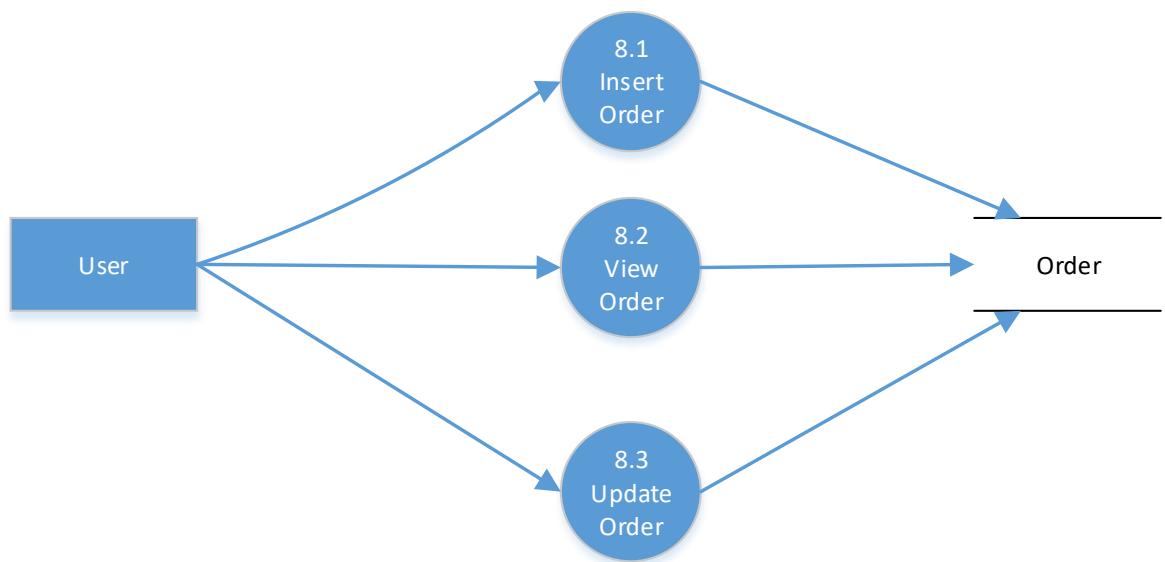
### 3.7. Administrators Manage Feedback



### 3.8. User Manage Users



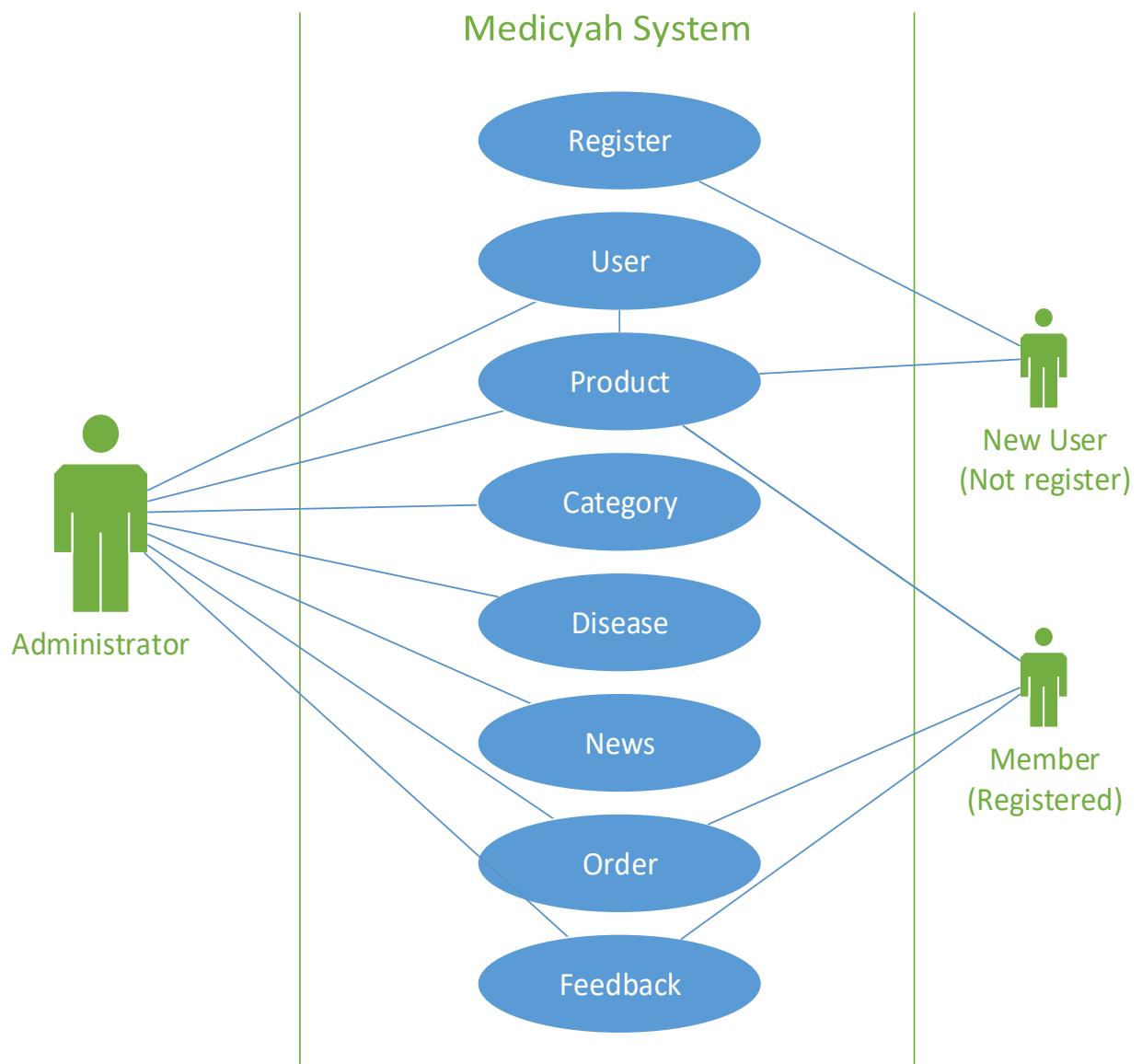
### 3.9. User Manage Order



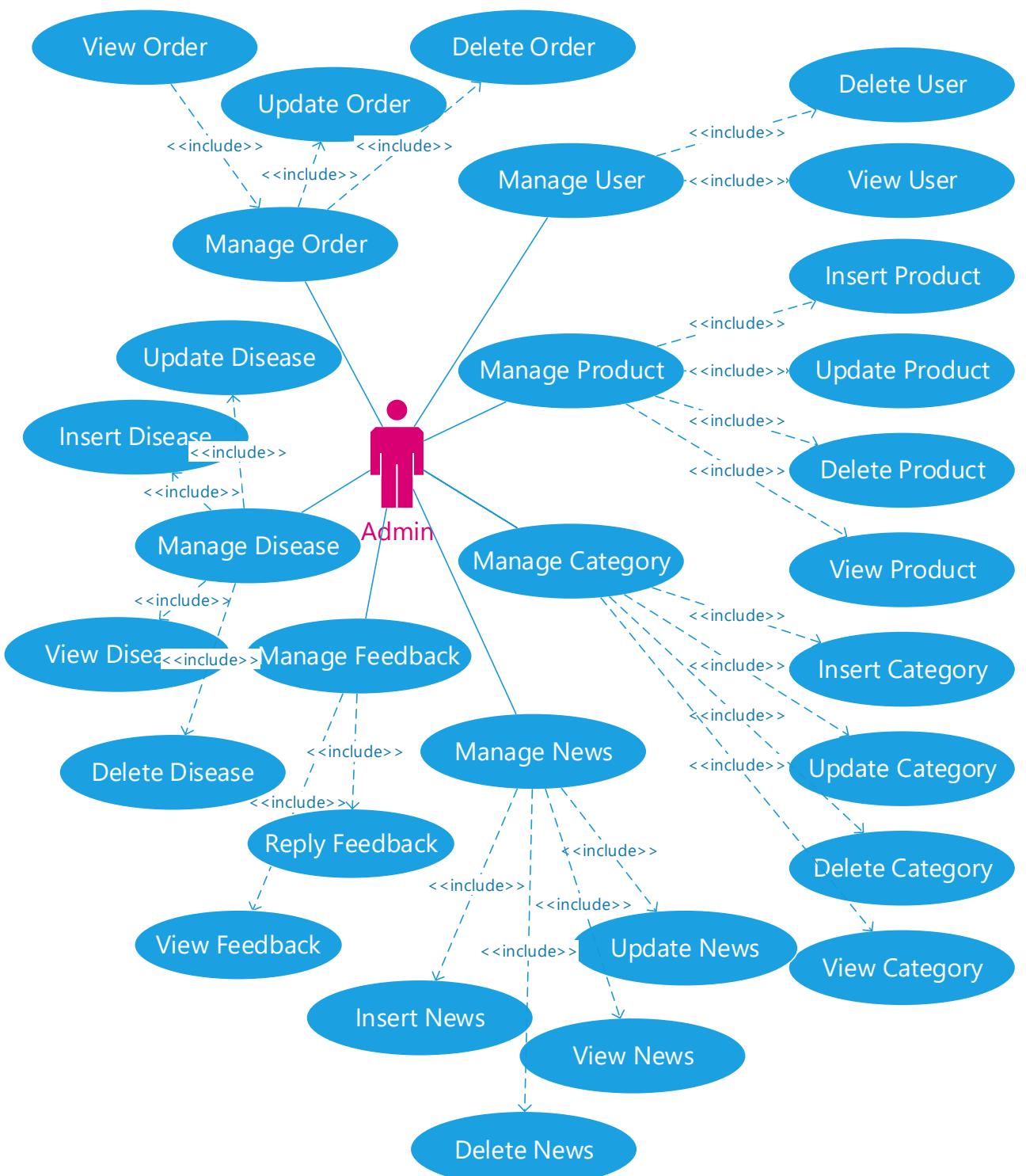
### 3.10. User Manage Feedback



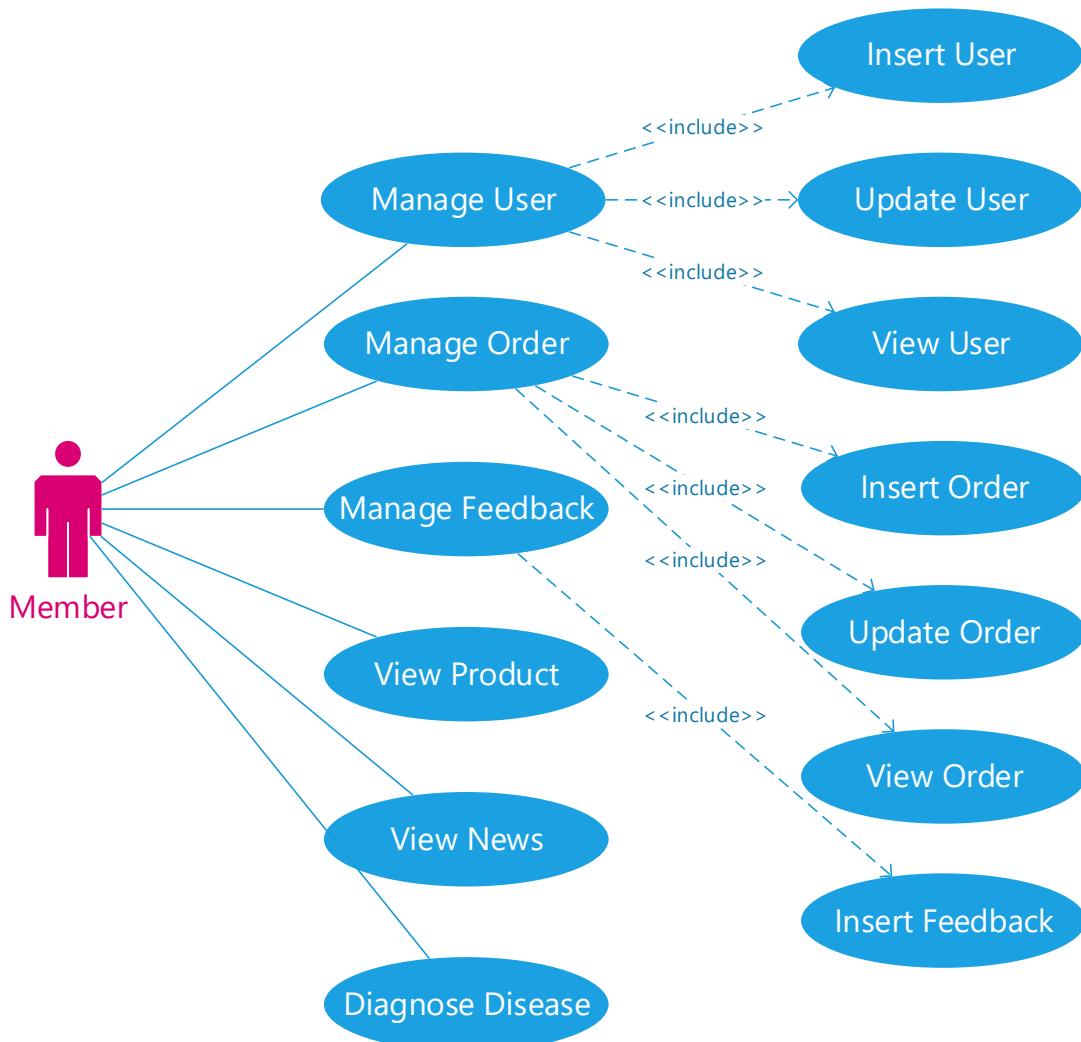
### III. Use Case Diagram



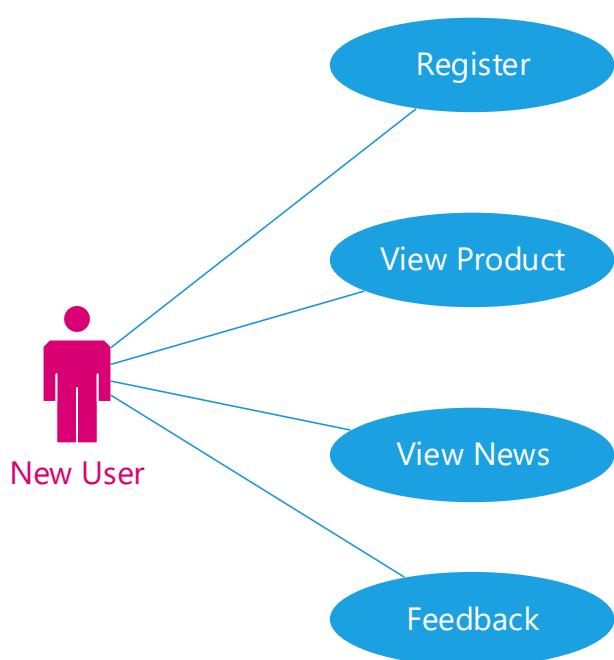
## 1. Admin Use Case



## 2. Member Use Case (Registered)



### 3. New user Use Case (Not Register)



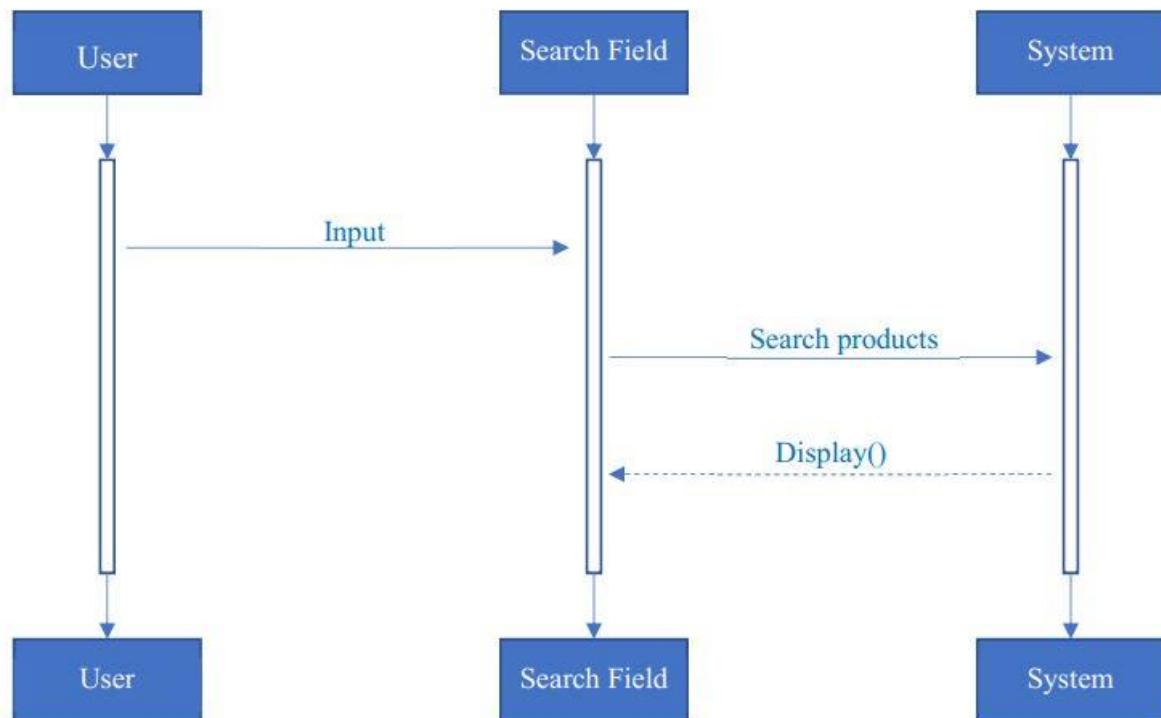
## IV. Sequence Diagram

### A. Customer

#### 1. Search

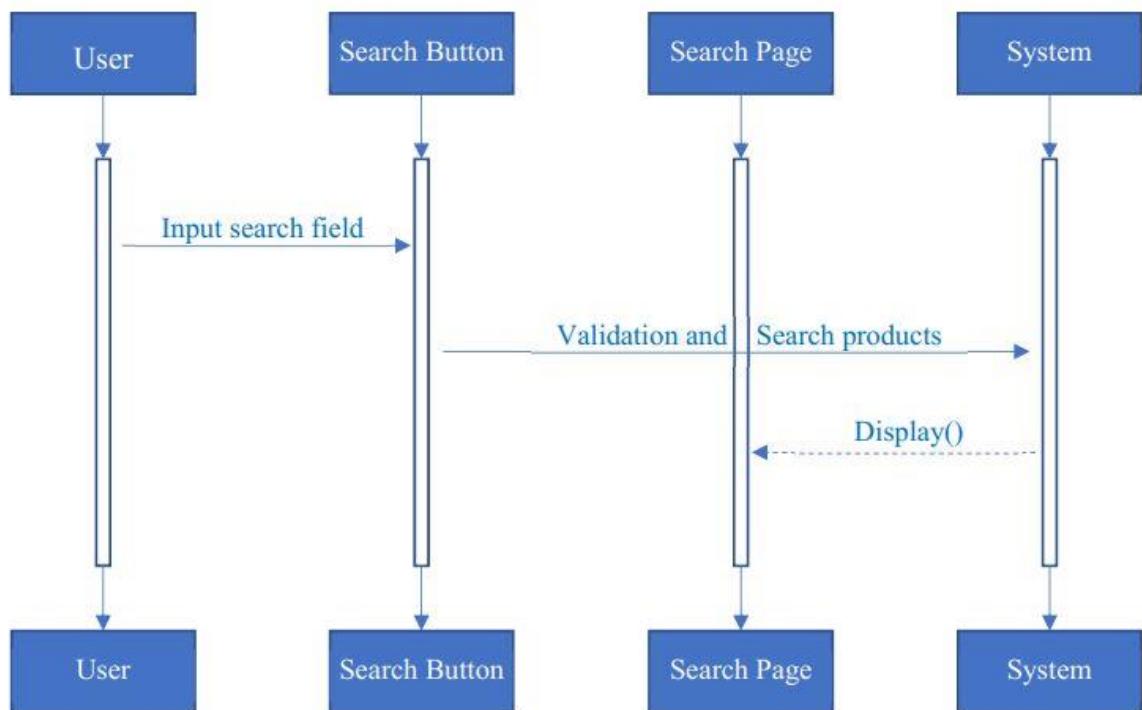
##### 1.1. Auto Complete:

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Search – Auto complete	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Display products which have names contain string in search field	
<b>Requirements</b>	Search result appear in the panel right below to search field, which content name & product's image	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Typing in search field	<p>Create an empty list to contain search result.</p> <p>Search in product table to find product which have name contain the search string (ignore case) &amp; add them to result list.</p> <p>Display result list in a panel right below search field.</p>
<b>Alternative Flow</b>		



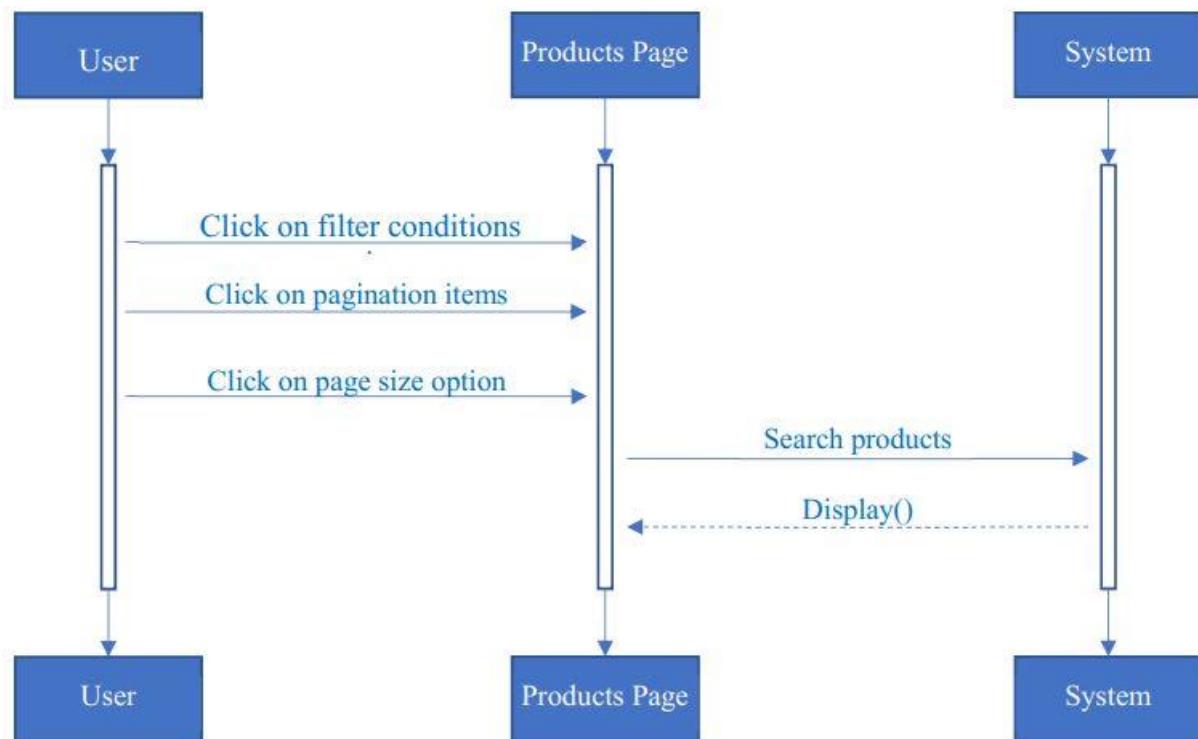
## 1.2. Search Button:

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Search – Button	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When search button is clicked, search result page will be display with result list of product and their information	
<b>Requirements</b>	Search string can't be blank	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Actor input search string and click on search button.	<p>System check search result          System create an empty list to contain search result          Search in product table to find products which have name contain search string (ignore case) &amp; add them to result list.          Display the result list in the search result page.</p>
<b>Exception</b>	Actor left search field empty	An error message will be display: "Search string can't be empty".



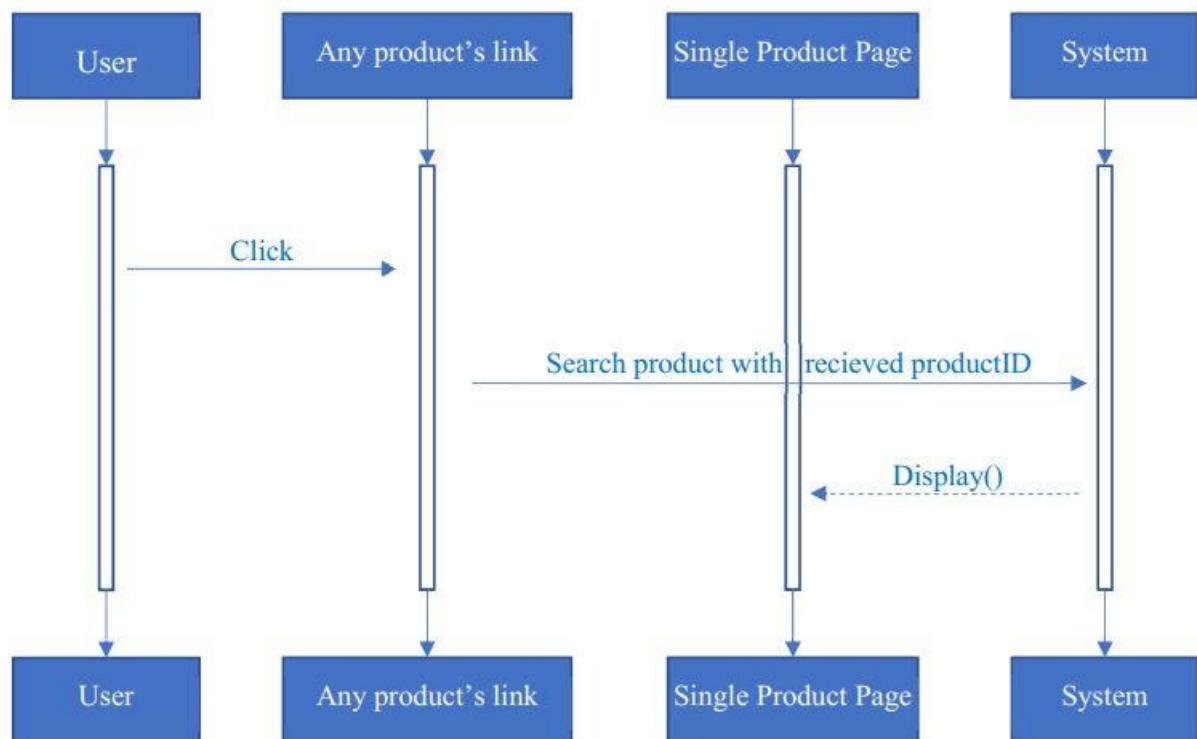
## 2. Filter

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Filter	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Allows customers view all products which are in the same categories, types, brands or have prices in special range. Products will be displayed with the pagination.	
<b>Requirements</b>	Links of Brands, Categories, Types must be clicked, or range of prices must be chosen.	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Clicks on links of Brands, Categories, Types, or select range of prices. .	Receive parameters passing with the links and search products which have Brands or Categories or Types or Prices satisfied with the parameters. Display the list in the products page



### 3. View product details

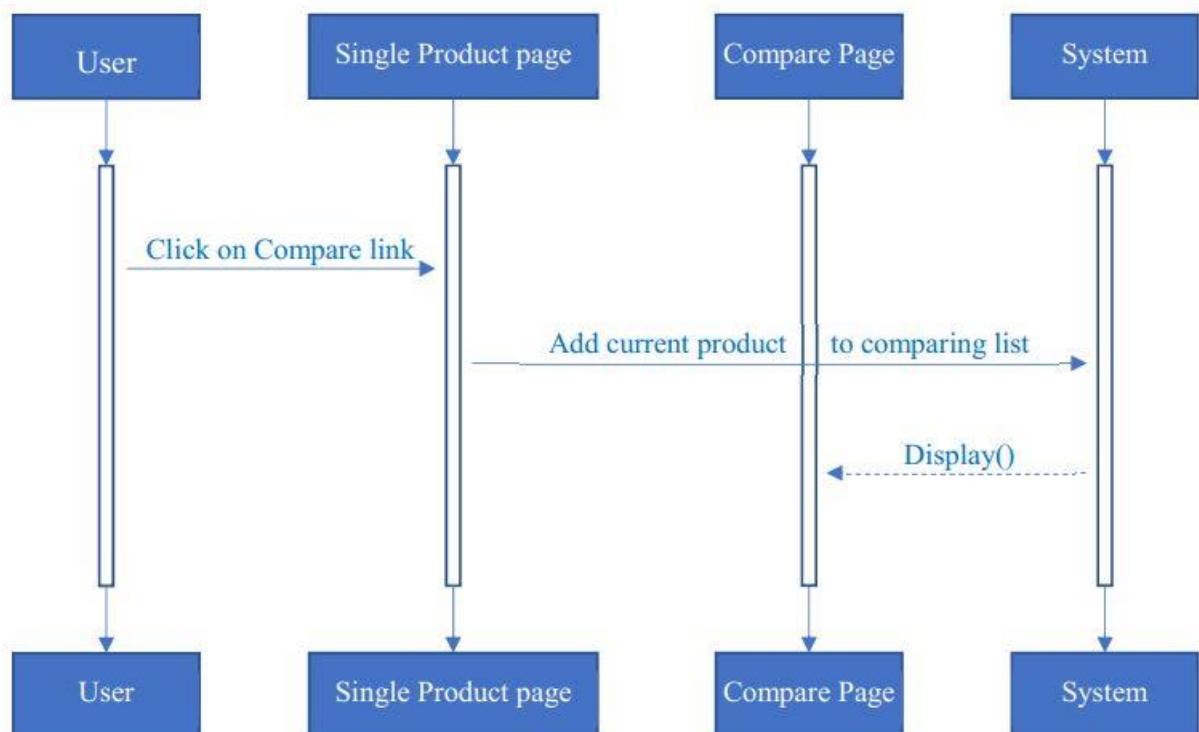
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	View Product details	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When customer click on any product's link, a page will display to show all product's information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on product's link .	Receive parameters passing with the link and search product which have ID satisfied with the parameters Display the details in the single products page



## 4. Compare

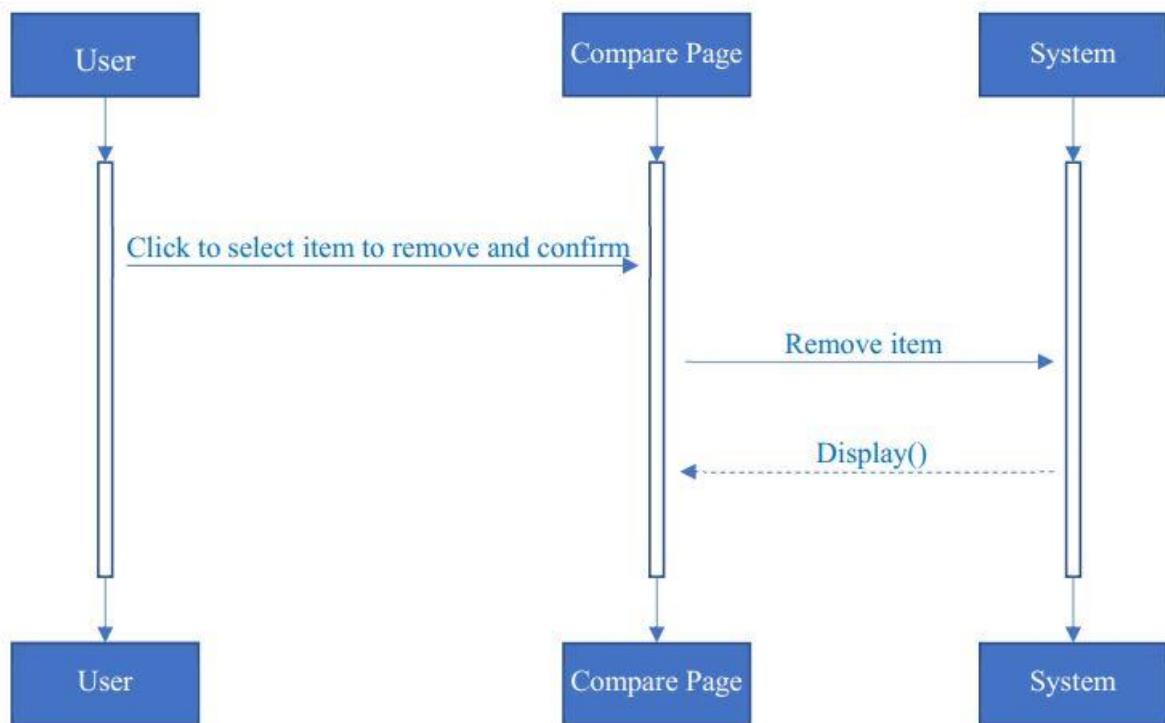
### 4.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Compare – Add	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When customer click on “Compare” button in single product page, compare page will appear to display all compared product included added product.	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on “Compare” button in single product page	<p>Check number of compared product:          If it equals 5, disable the compare link and display a text “Reach the limit of 5 compared product”.          Else, system add the product to compared product and display compare page.</p>



## 4.2. Remove

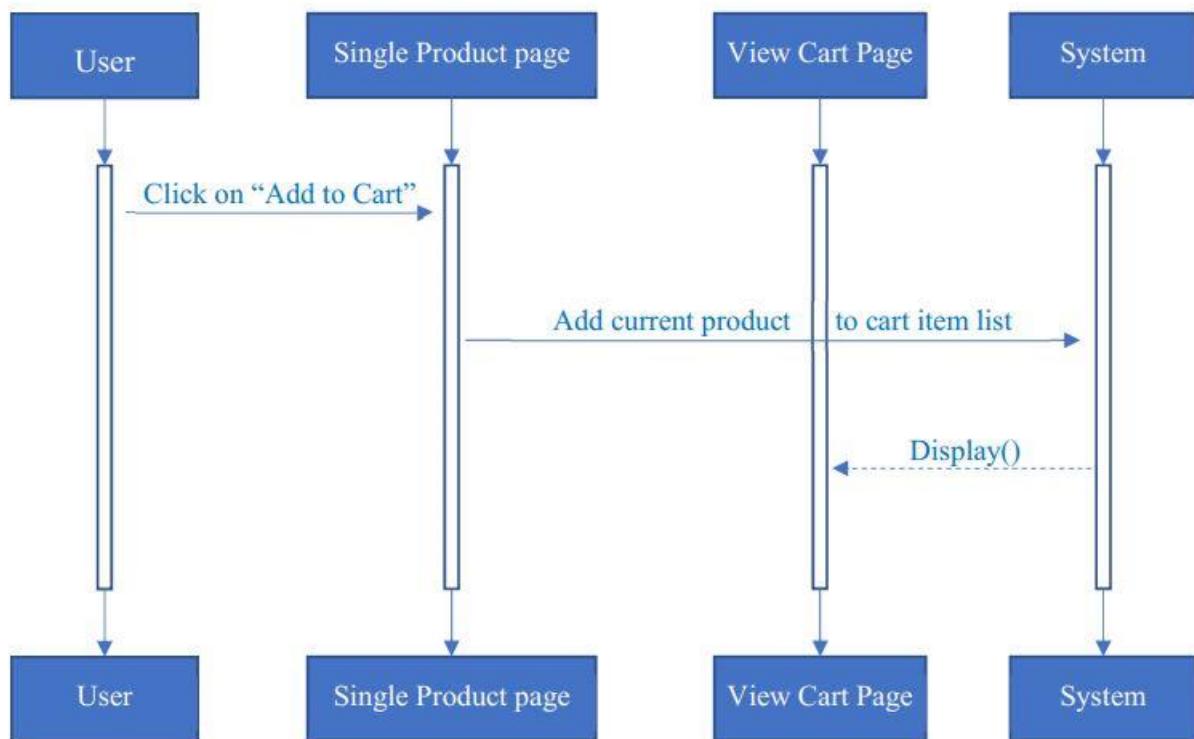
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Compare – Remove	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When customer click on remove link & choose “Yes” to confirm, the selected product will be remove from the compare list.	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on remove link of compared product in compare page Click on “Yes” to confirm	Display 2 button: “Yes” & “No” for customer confirm. Removed selected product from the compare list and display compare page will update list.
<b>Alternative Flow</b>	Click on “No”	The 2 button disappear.



## 5. Cart

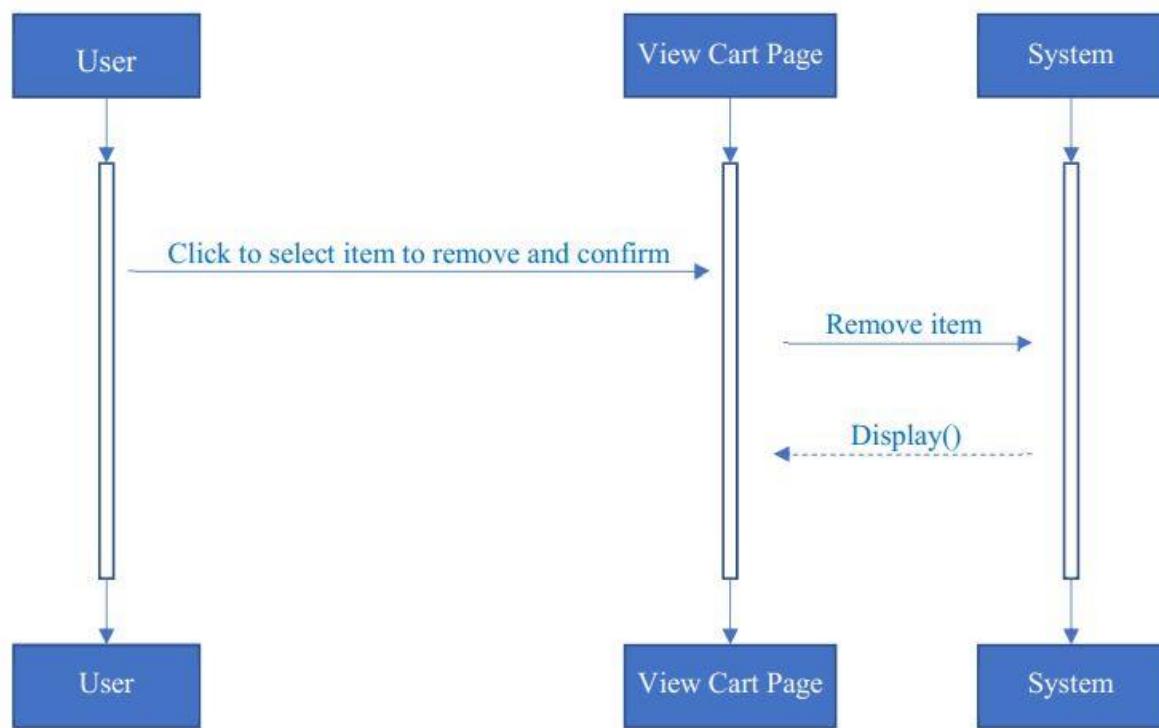
### 5.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Cart – Add	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When customers select the quantity and clicks on “Add to Cart” in single Product page, the current product will be added/updated into list of cart items, and cart page will be displayed with all cart items.	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Select quantity & click on “Add to Cart”	<p>Check the added product: If existed in cart, system will add the quantity to the existed item’s quantity. Else, system will add the product with the selected quantity into list of cart items. Display the cart page with all updated cart item.</p>



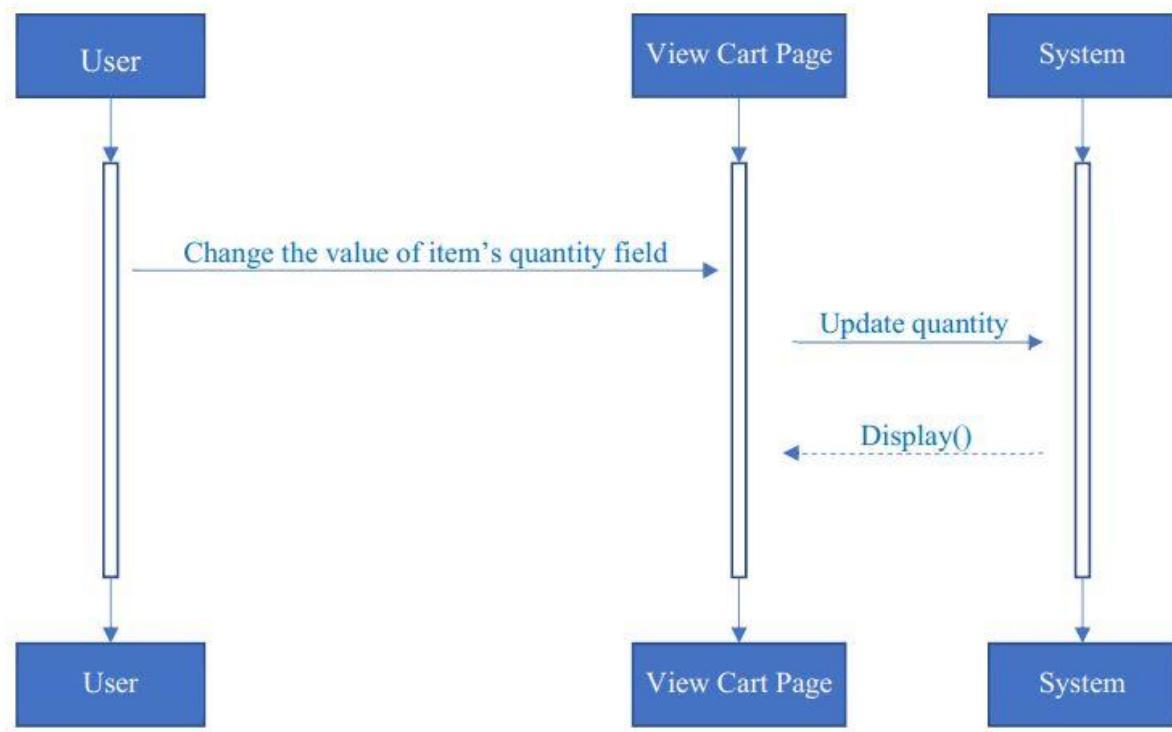
## 5.2. Remove

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Cart – Remove	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When customer click on remove link & choose “Yes” to confirm, the selected product will be remove from the compare list.	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on remove link of cart items in the cart page Click on “Yes” to confirm	Display 2 button: “Yes” & “No” for customer confirm. Removed selected product from the list of cart items and display cart page will update list.
<b>Alternative Flow</b>	Click on “No”	The 2 button disappear.



### 5.3. Update quantity

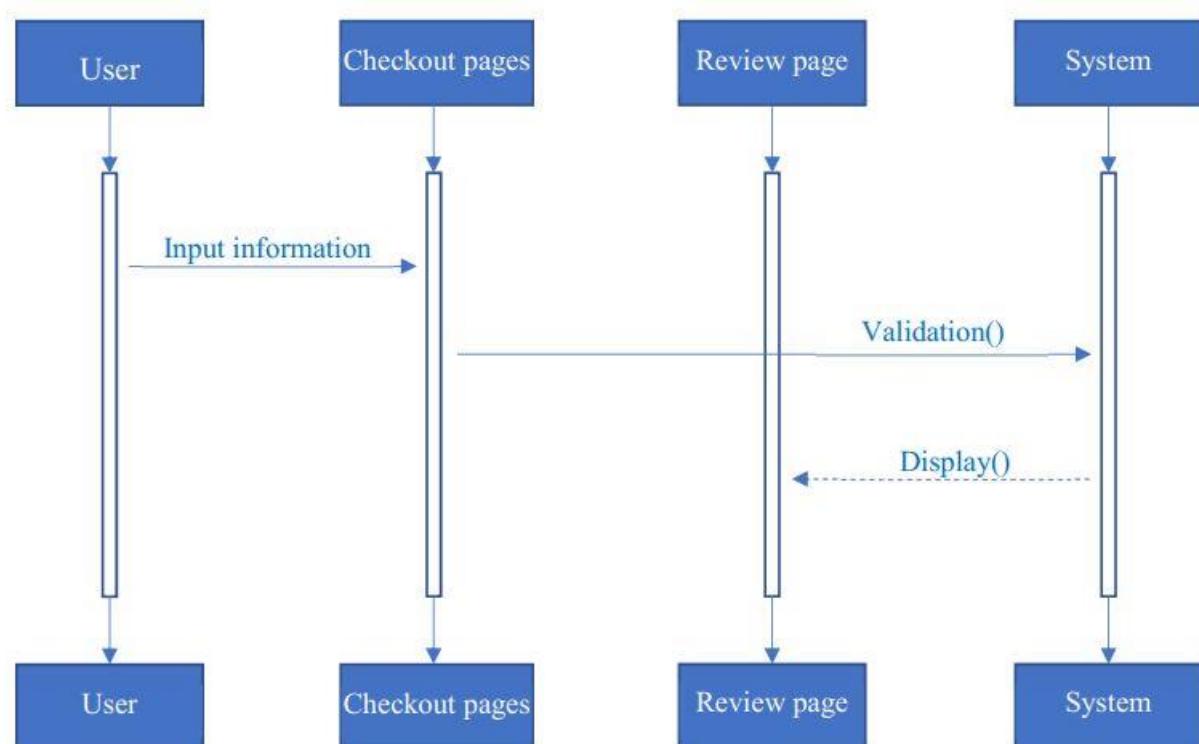
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Cart – Update Quantity	
<b>Actors</b>	Guests & Members	
<b>Description</b>	When customers input quantity field of cart item, system will update the quantity, subtotal, total and display cart page with new information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Update new number in the quantity field	Check new quantity (Exception) Update new quantity, subtotal & total of cart items. Display cart page with new information
<b>Exception</b>	Actor input less than 0 Actor input a string	Display error message “Quantity must be greater than 0” Display error message “Quantity must be numeric”



## 6. Check out

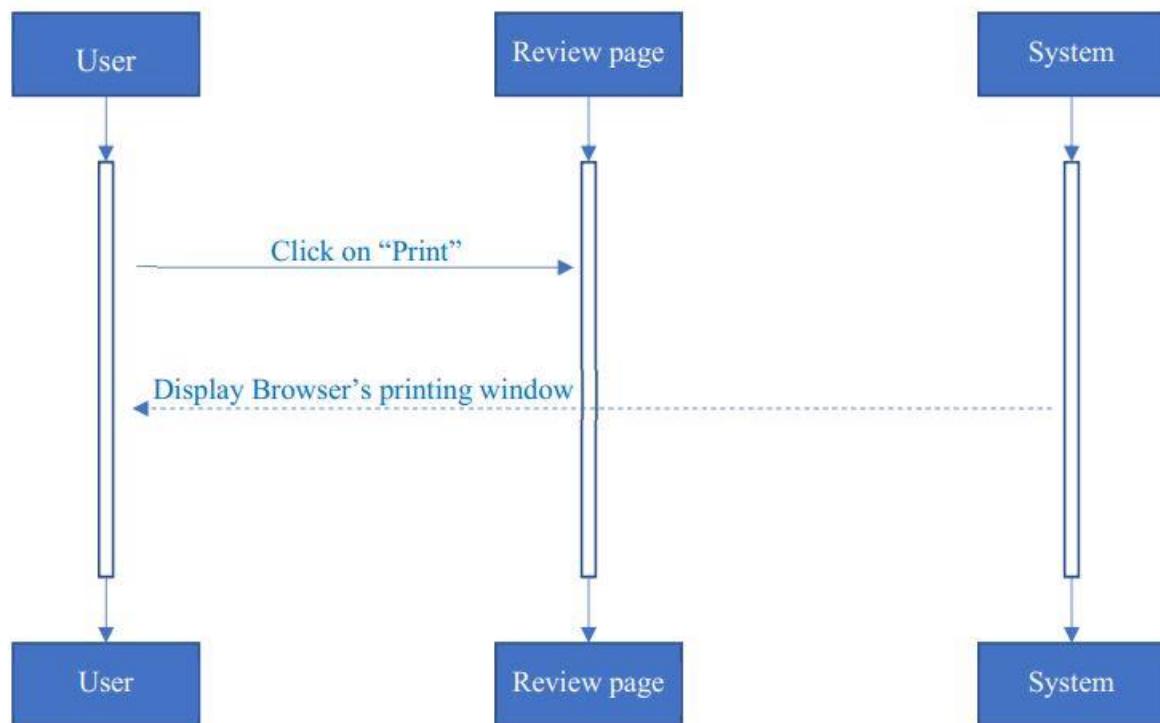
### 6.1. Input information

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	CheckOut – Input Information	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Display field for customer input information about shipping & payment method	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	<p>Customer input shipping information (* mean that is required field)</p> <p>Click on continue button to input Payment Method</p> <p>Click on continue button to review order</p>	<p>System display input field for shipping information:</p> <p>Receiver Name *</p> <p>Address *</p> <p>Phone *</p> <p>Shipping Date *</p> <p>Note</p> <p>System check the input information (exception):</p> <p>Display 3 payment method:</p> <p>Cash on delivery (default)</p> <p>Payment by bank transfer</p> <p>Payment by credit card</p> <p>System check the input information (exception)</p> <p>Display review page with all information of the order</p>
<b>Exception</b>	<p>Field with * character be blank</p> <p>Shipping Date less than current date + 3</p>	<p>Display error message "Each field can't be blank"</p> <p>Display error message "Shipping Date must be at least from today"</p>



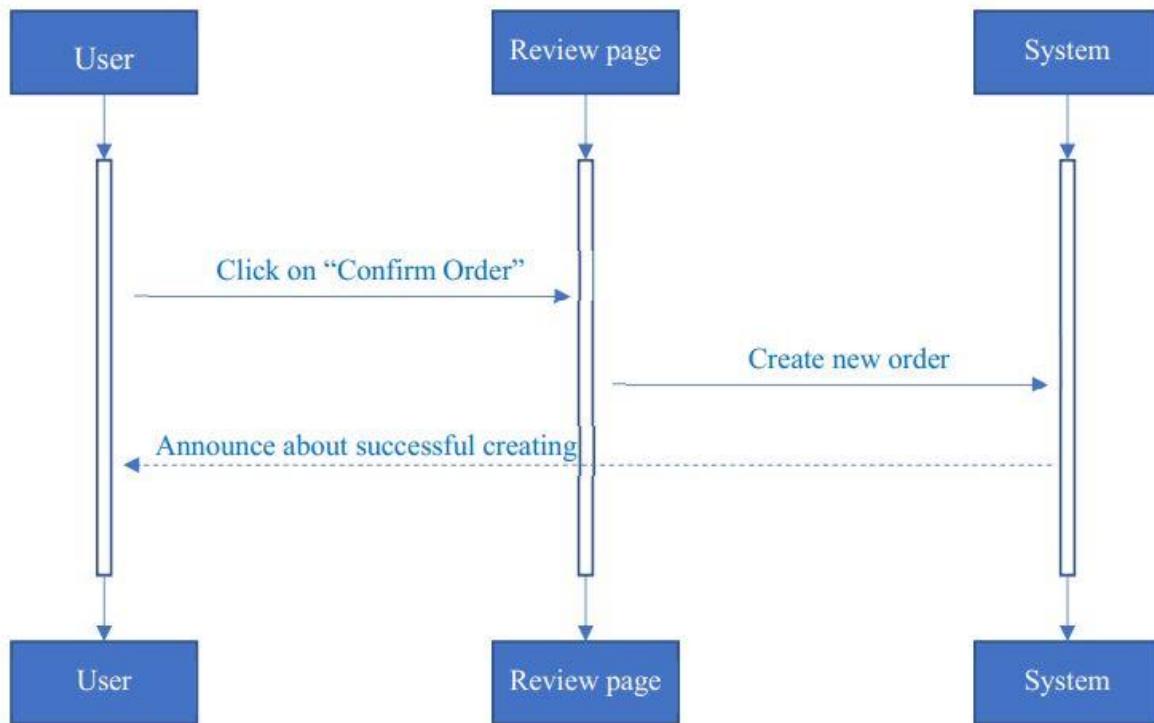
## 6.2. Print Order

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Cart – Print Order	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Allow customer to print all information about order	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on “Print” button	Display the Browser’s printing window which allow print page via a printer or to a pdf file. After printing, display current review page.



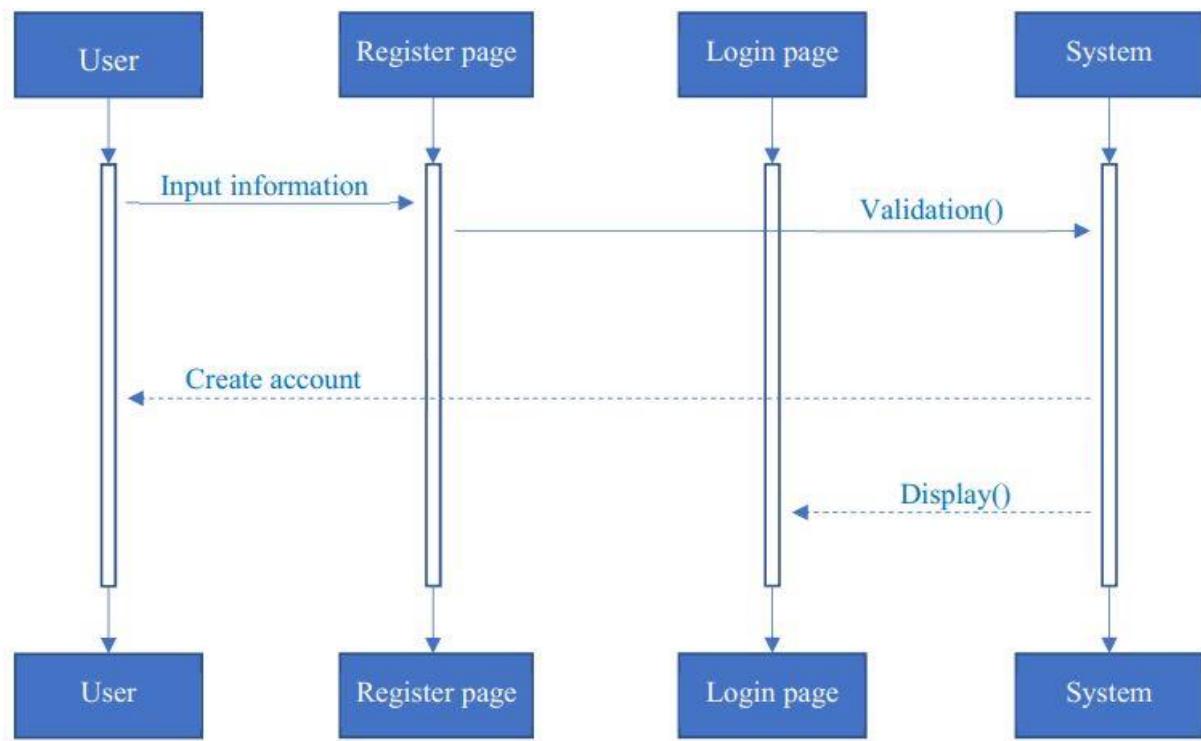
### 6.3. Confirm order

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Cart – Confirm Order	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer click on Confirm Order button to make the order, if success, an announcement will be display	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on “Confirm Order” button	Create new data in Order and Order Detail table. Display an announcement to inform about the successful order.



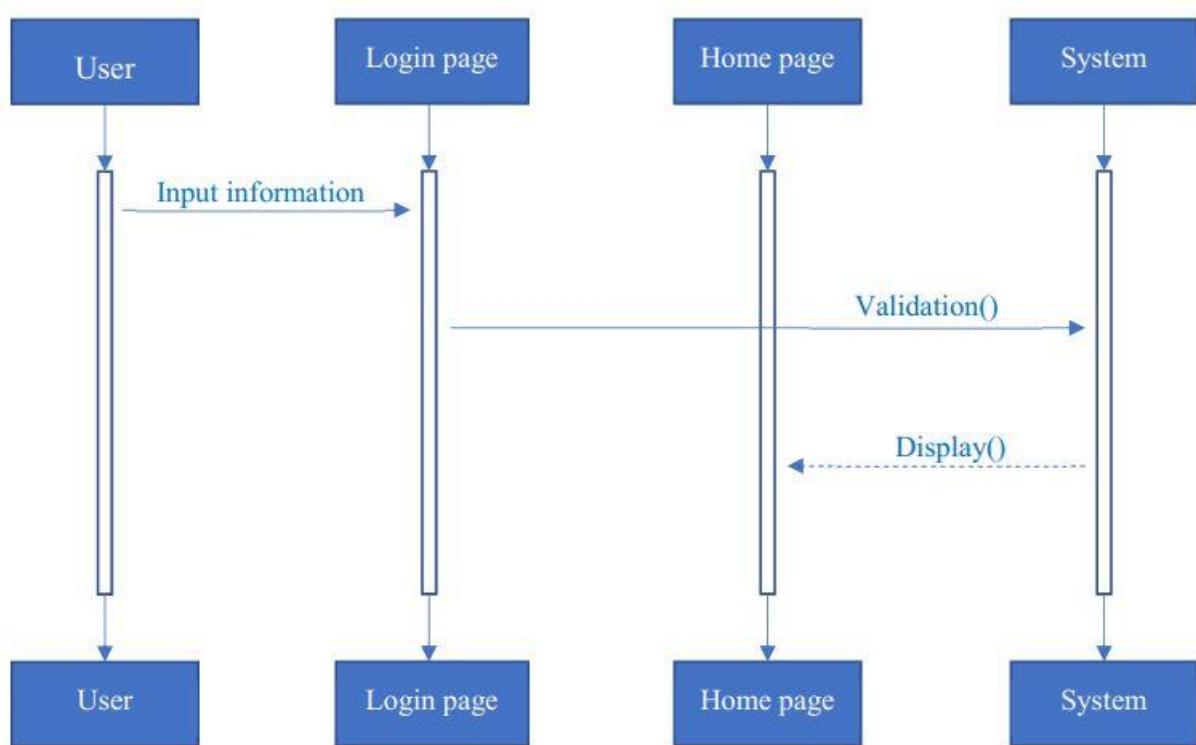
## 7. Sign in

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Sign in	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer want to sign in with the website to become member	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information and click on Submit button	Check the information Create customer account Display login page
<b>Exception</b>	Field with * character be blank Confirm password does not match with password Email has existed	Display error message "Each field can't be blank" Display error message "Confirm Password must be same with Password" Display error message "Email is existed, please choose another email"



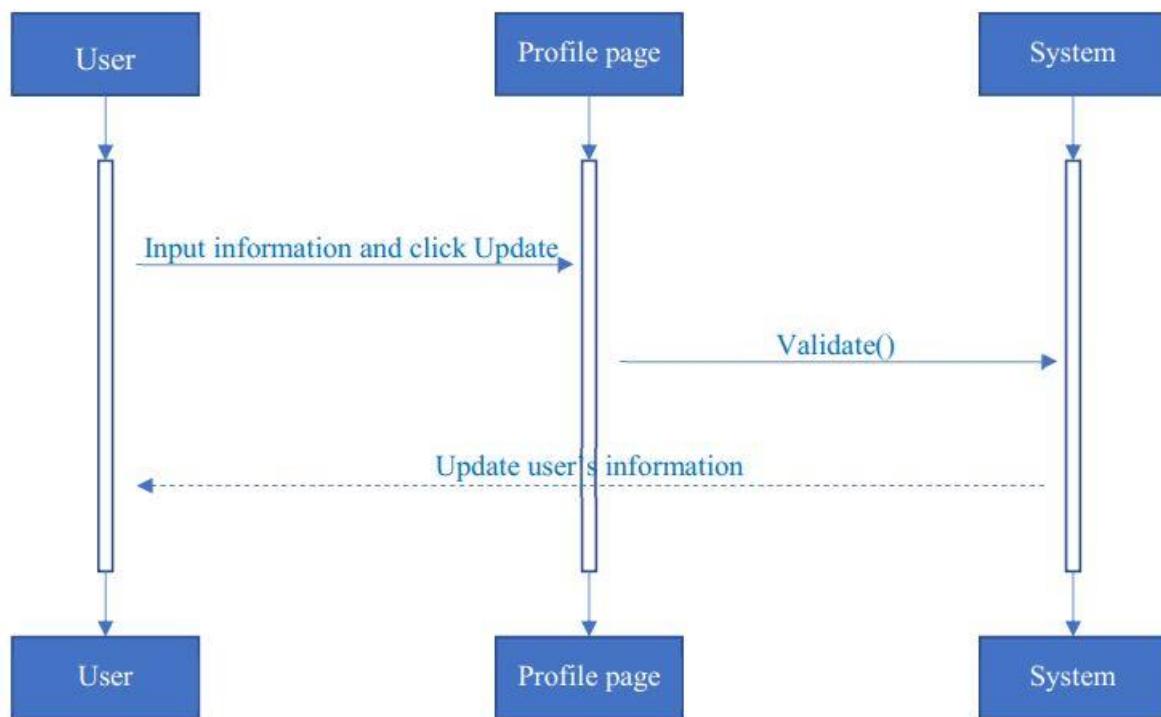
## 8. Login

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Login	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer login with their registered email & password	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input email & password and click on Submit button	Check email & password System track the user's information & display home page.
<b>Exception</b>	Let email & password field blank Input wrong email or password	Display error message: "Email can't be blank" "Password can't be blank" "Wrong email or password"



## 9. Update private information

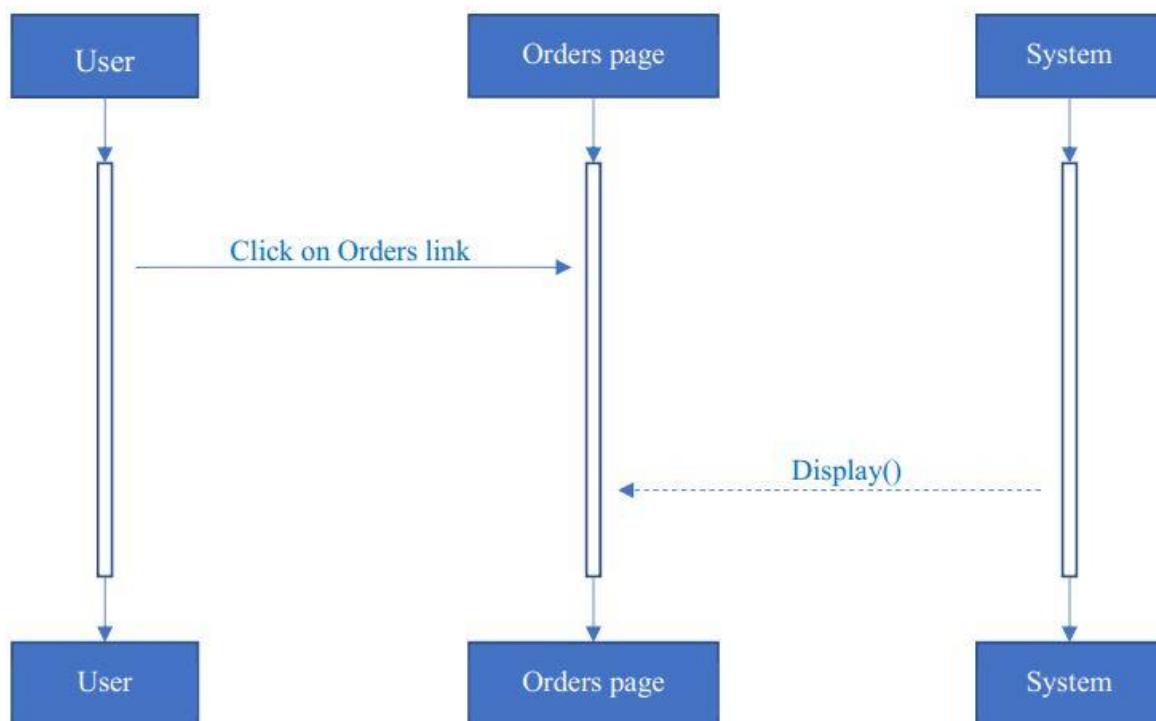
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Update Information	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer want to change their information or password	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Change First Name, Last Name, Phone, Gender, DoB, Password	Check information (exception) Update new information to data in Customer table.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



## 10. Manage order

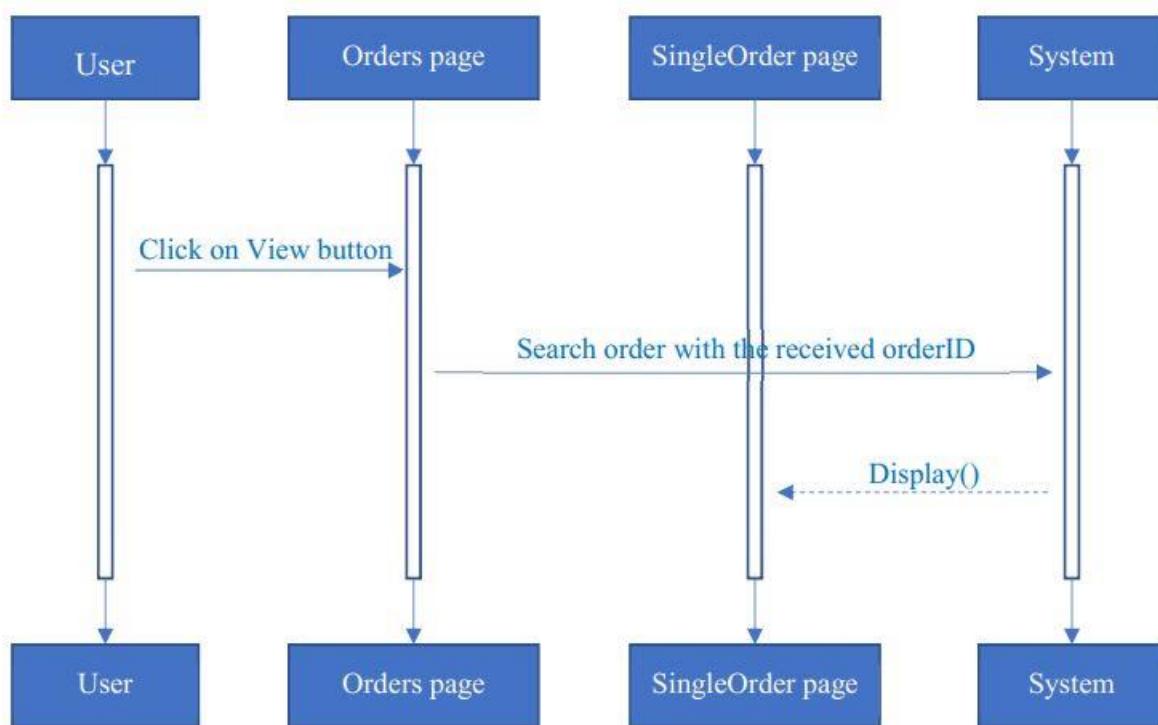
### 10.1. View All Orders

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	View Order	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer can view all orders they made	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Order page link	System search all Orders & Order Details which satisfy the current Customer Email & display order page



## 10.2. View Order Details

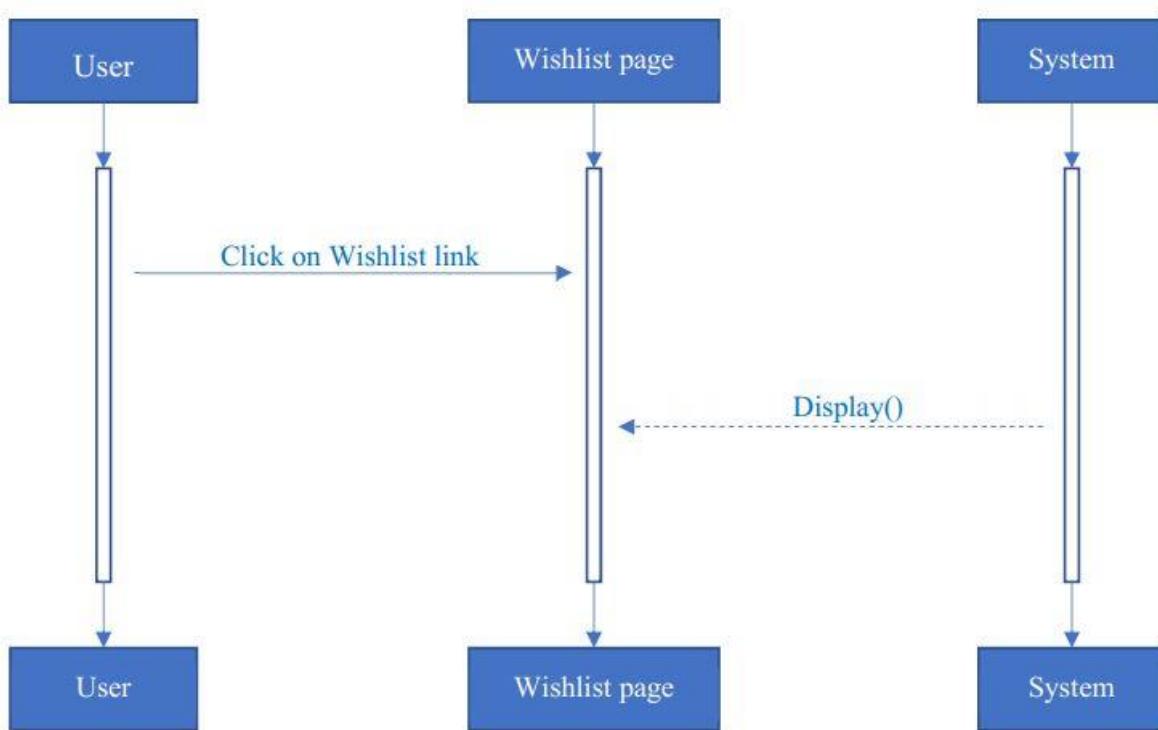
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	View Order	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer can click on every order to view order details	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Details button on order page	Search data in Order Details table which satisfy with selected orderID. Display all searched data in single Order page.



## 11. Manage Wish List

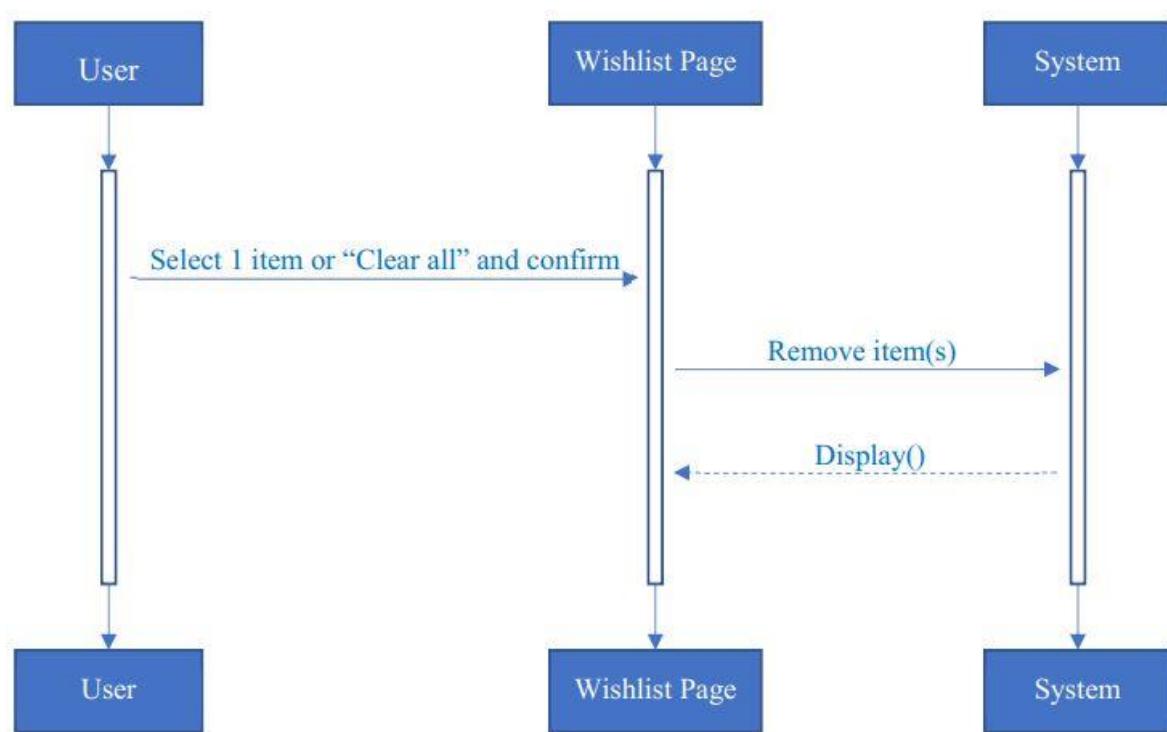
### 11.1. View wish list items

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	View wish list items	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer can review their wish list	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Wish List link	<p>Search all data in WishList table which satisfy with current Customer Email</p> <p>Display searched data in wish list page.</p>



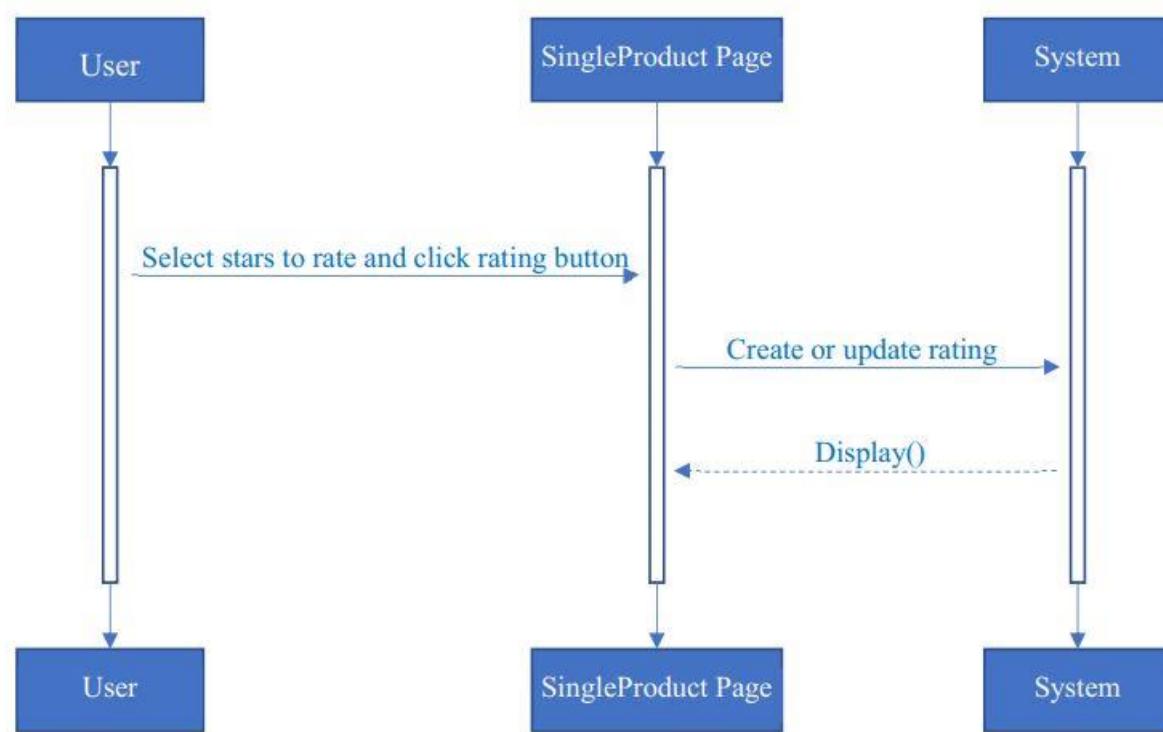
## 11.2. Remove wish list items

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Remove wish list items	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer can remove items in their wish list	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Remove/Clear All button Click Yes to confirm removing Click No to cancel removing	Display 2 button “Yes” & “No”  Remove chosen item from wish list and data in WishList table Hide 2 button.



## 12. Rating

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Rating	
<b>Actors</b>	Guests & Members	
<b>Description</b>	Customer want to rate the product (from 1 to 5 star), if rated, they can view their rating & can update rating.	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on stars (include 5 stars) to rate for product & click Submit button	<p>System search in Rating table to find record contains current ProductID.</p> <p>If found, update the value of current rating to new rating.</p> <p>Else, create new record with the current productID &amp; rating values</p> <p>Display single product page.</p>

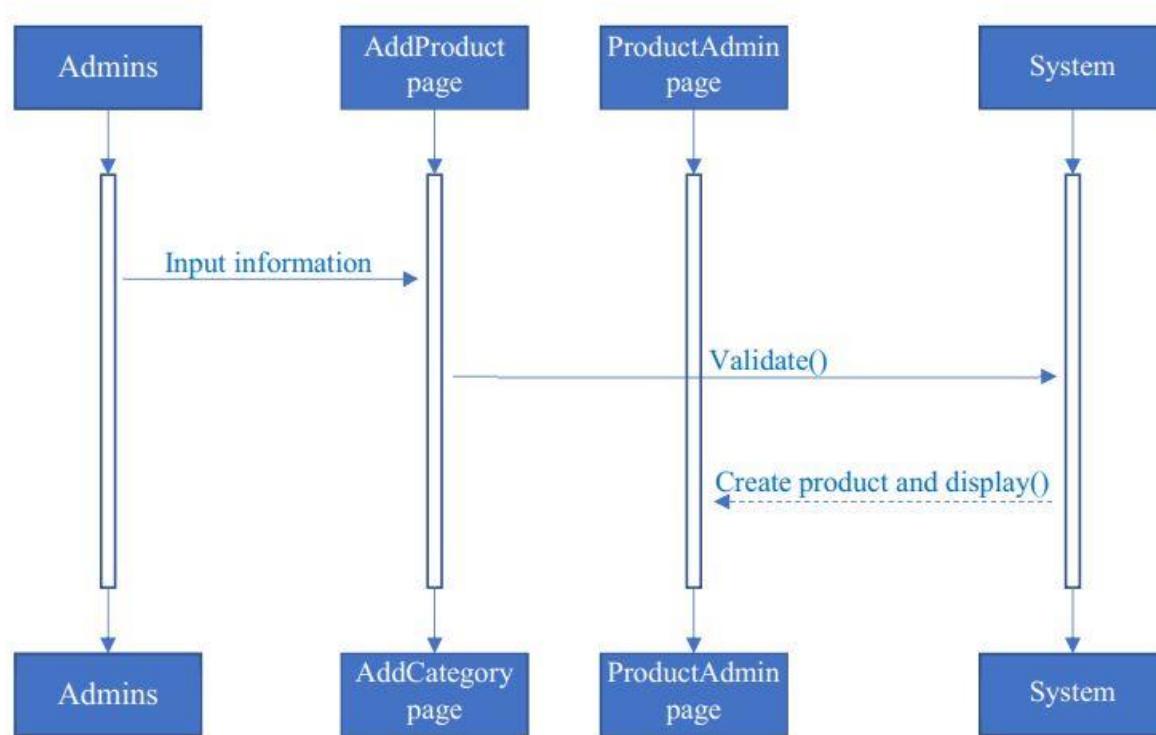


## B. Admin

### 1. Manage Product

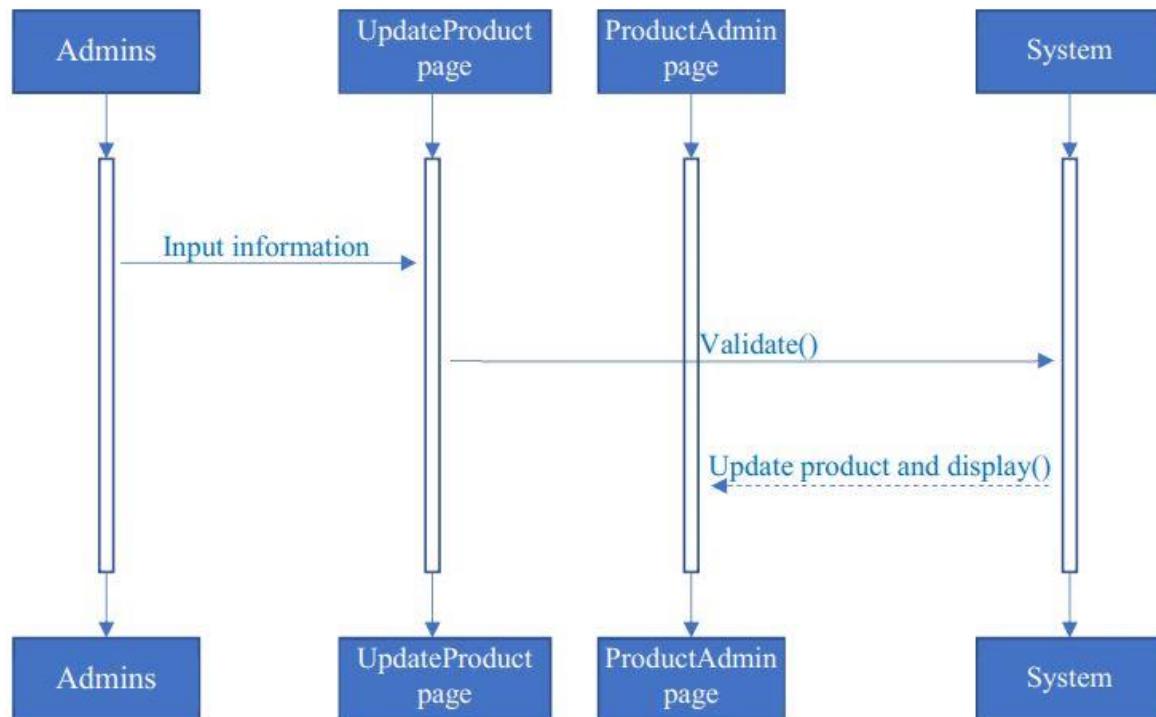
#### 1.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Add product	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to insert new product	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Product Name, Price, Category, Manufacture, Brand, Image, Ingredients, Uses, Manual, Status then click on Insert button	Check information (exception) Create new product in database Display product admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



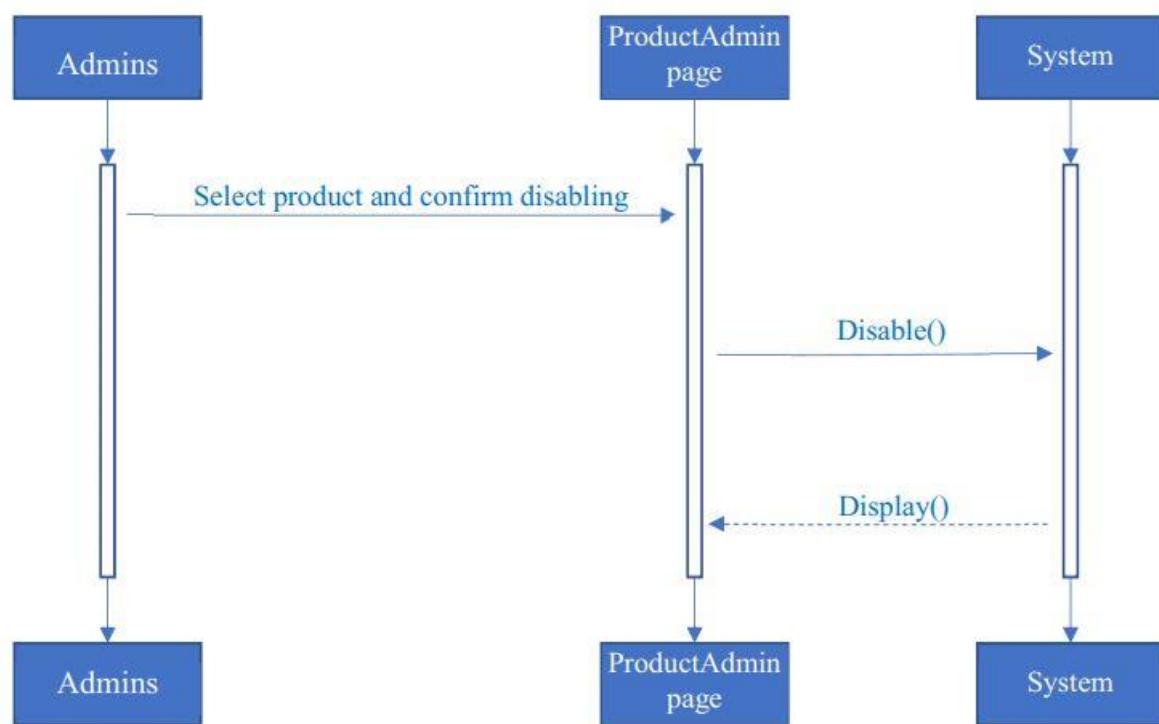
## 1.2. Update

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Update product	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to update existed product's information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Product Name, Price, Category, Manufacture, Brand, Image, Ingredients, Uses, Manual, Status then click on Update button	Check information (exception) Update product in database Display product admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



### 1.3. Disable

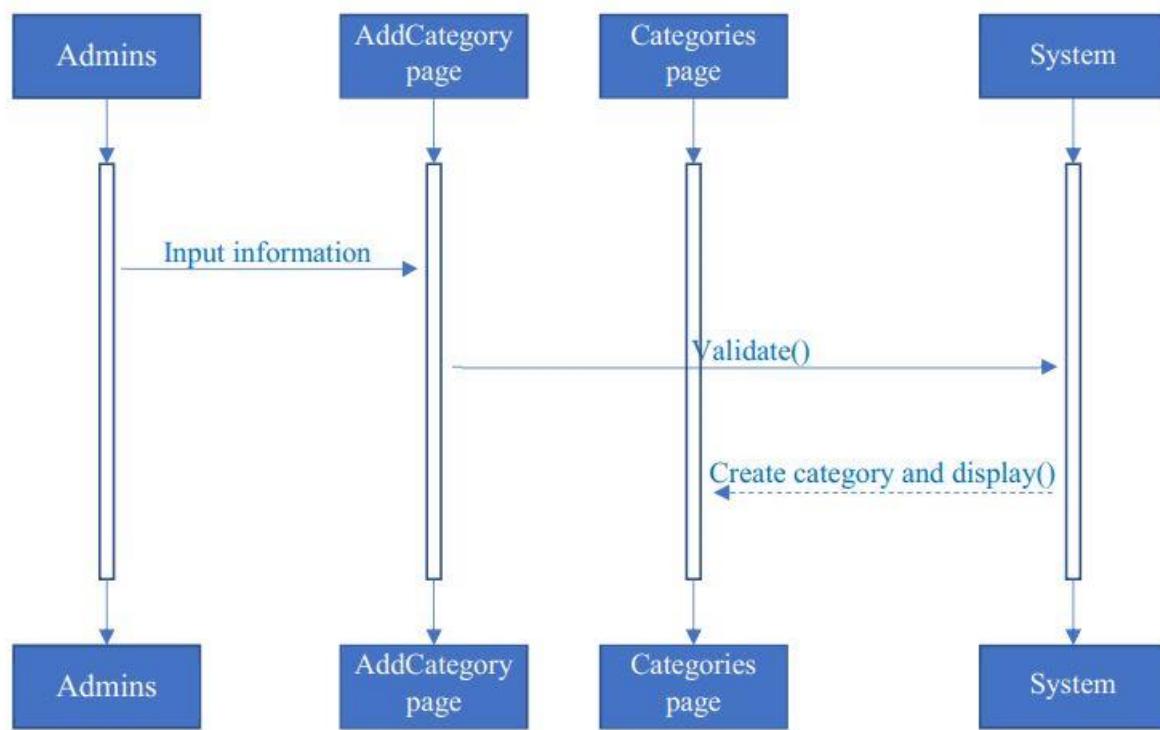
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable product	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed product	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on “Yes” to confirm Click on “No” to cancel	Display 2 button “Yes” & “No” Change status value of chosen product to false from Product table Hide 2 button. Display product admin page



## 2. Manage Category

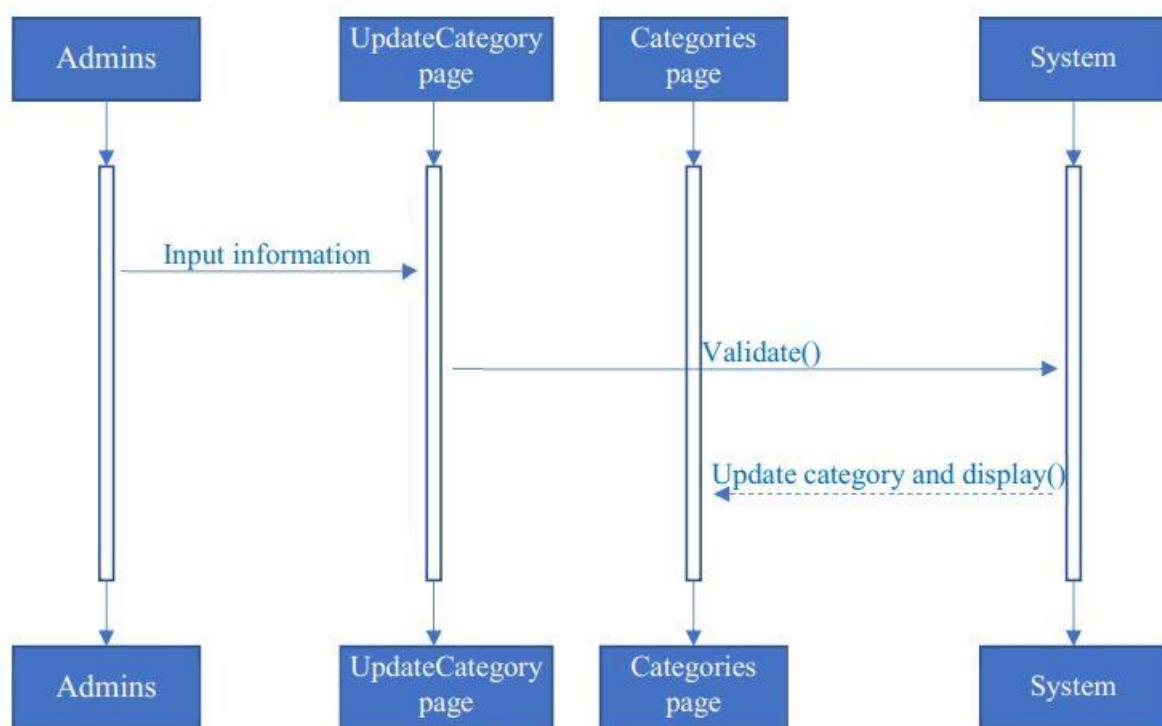
### 2.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Add category	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to insert new category	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Category Name, Description, Status then click on Insert button	Check information (exception) Create new category in database Display category admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



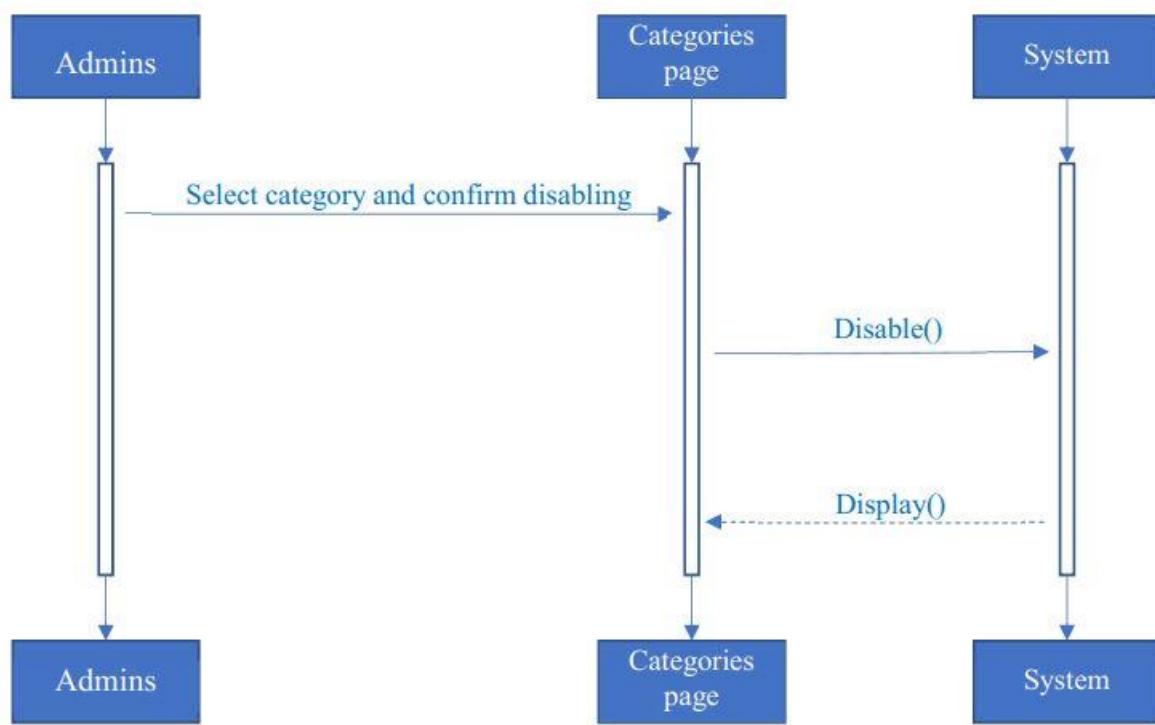
## 2.2. Update

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Update category	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to update existed category's information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Category Name, Description, Status then click on Update button	Check information (exception) Update category in database Display category admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



### 2.3. Disable

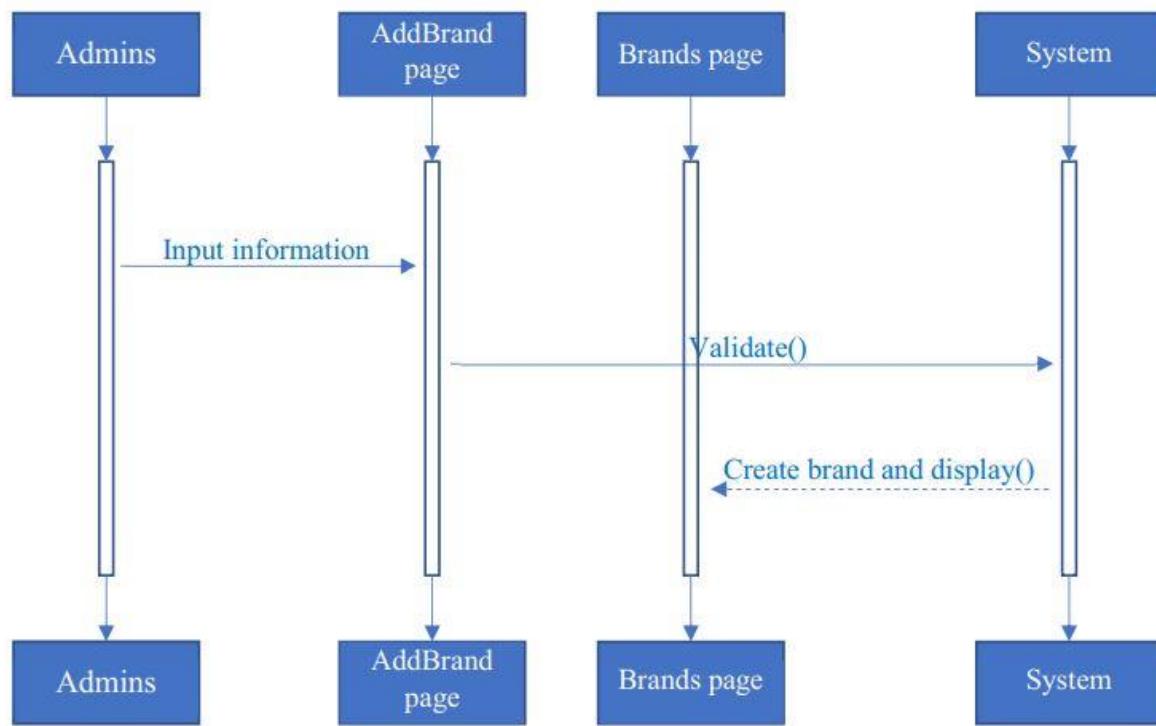
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable category	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed category	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on “Yes” to confirm Click on “No” to cancel	Display 2 button “Yes” & “No” Change status value of chosen category to false from Category table Hide 2 button. Display category admin page



### 3. Manage Brand

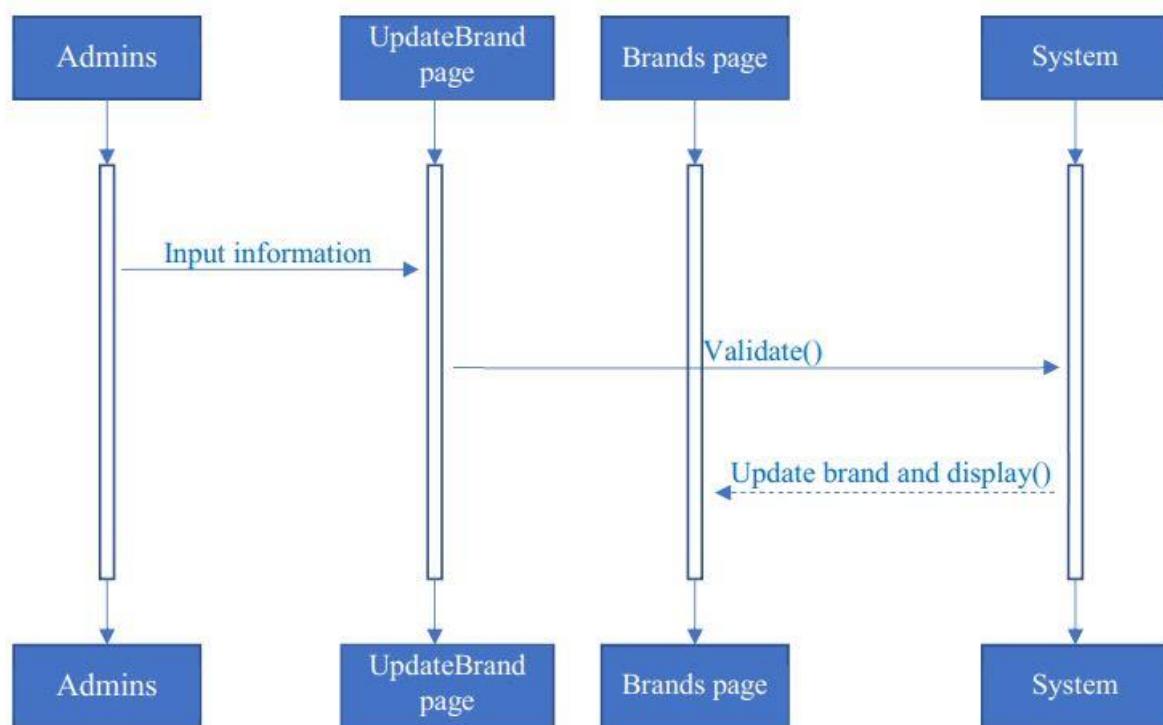
#### 3.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Add brand	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to insert new brand	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Brand Name, Description, Status then click on Insert button	Check information (exception) Create new brand in database Display brand admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



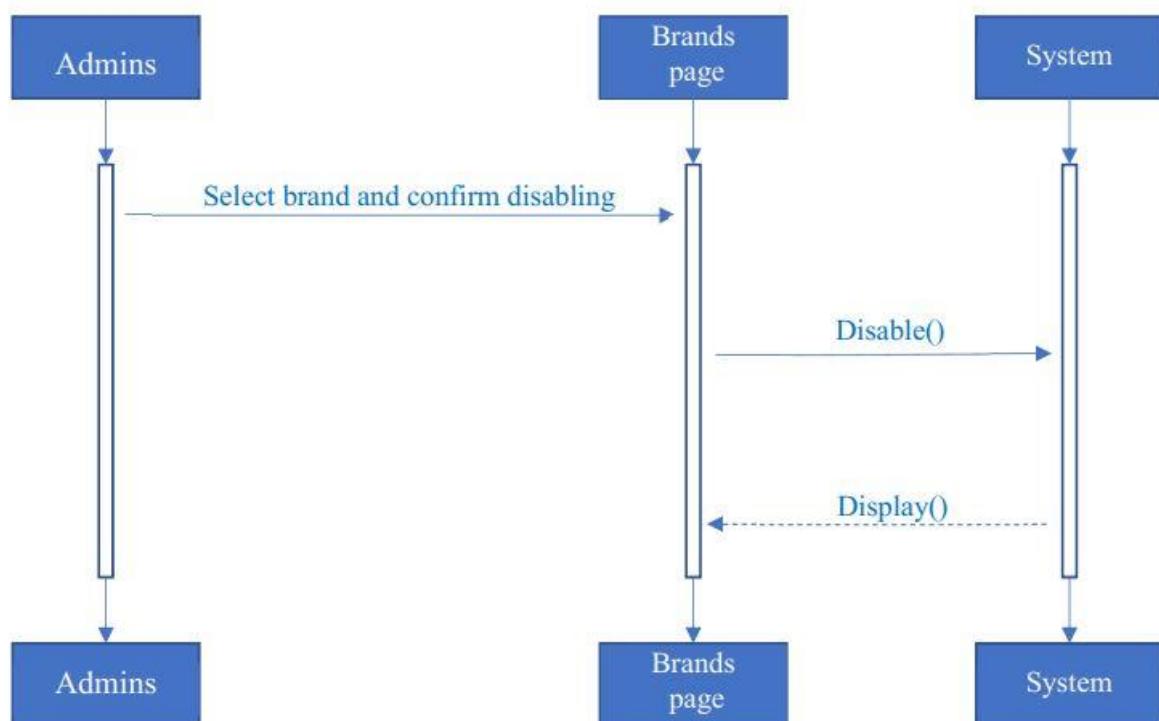
### 3.2. Update

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Update brand	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to update existed brand's information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Brand Name, Description, Status then click on Update button	Check information (exception) Update brand in database Display brand admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



### 3.3. Disable

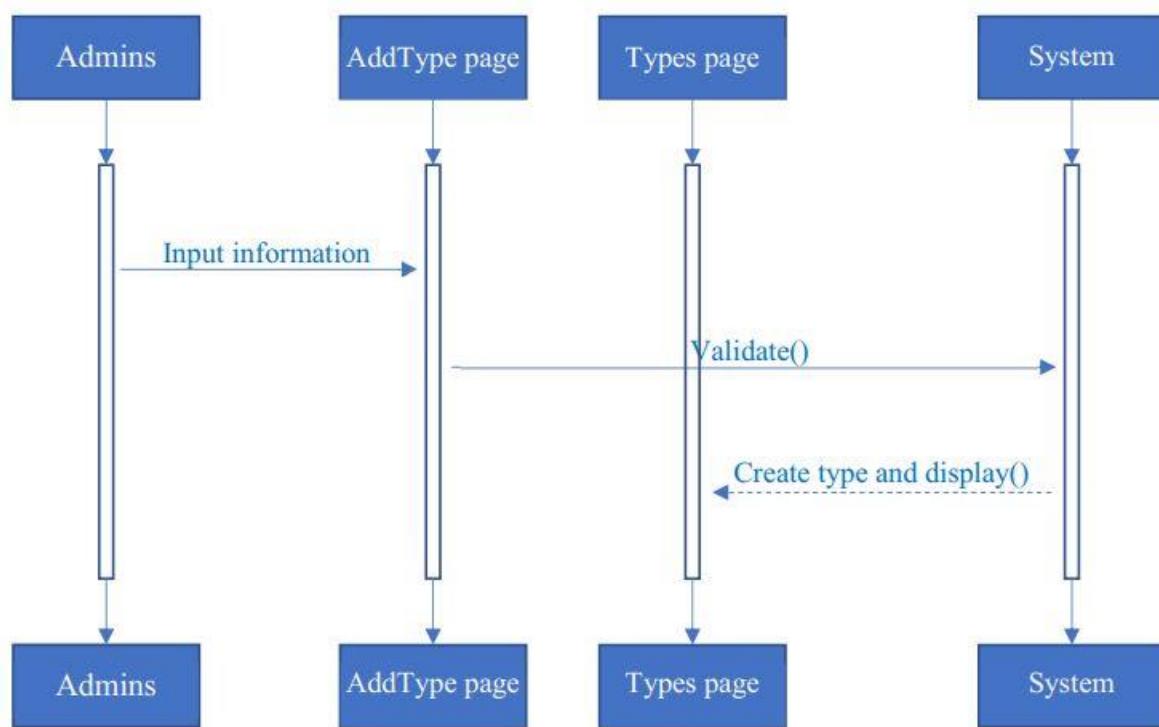
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable brand	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed brand	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on "Yes" to confirm Click on "No" to cancel	Display 2 button "Yes" & "No" Change status value of chosen brand to false from Brand table Hide 2 button. Display brand admin page



## 4. Manage Type

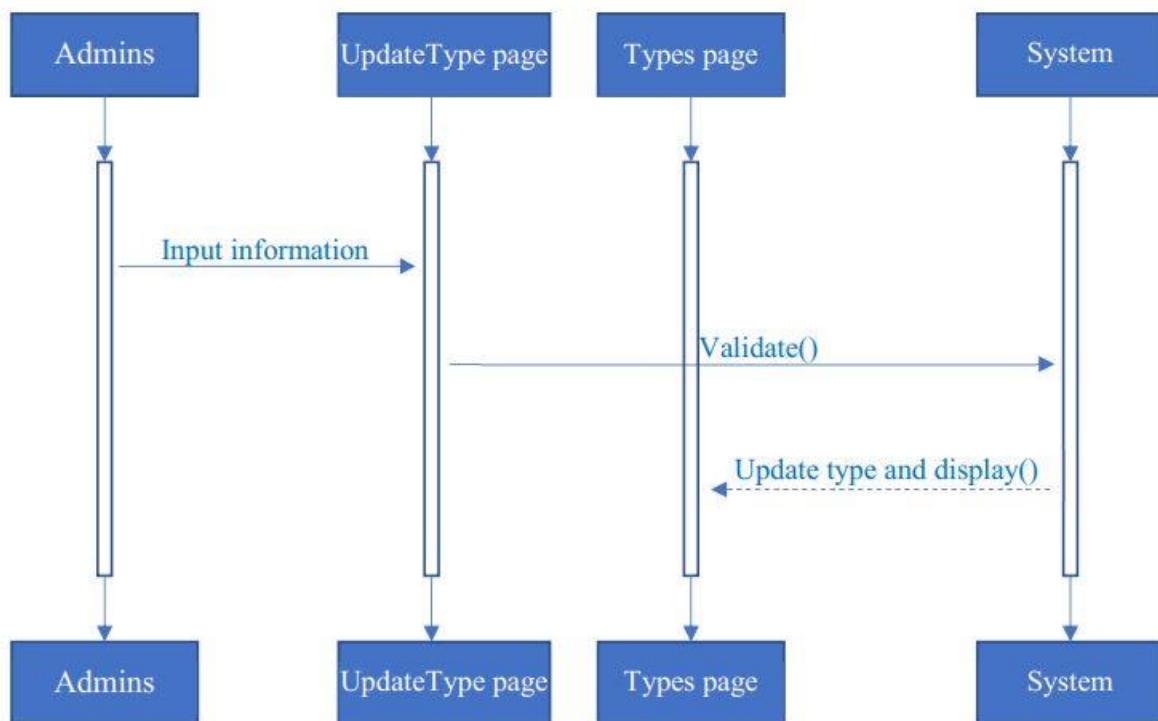
### 4.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Add type	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to insert new type	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Type Name, Description, Status then click on Insert button	Check information (exception) Create new type in database Display type admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



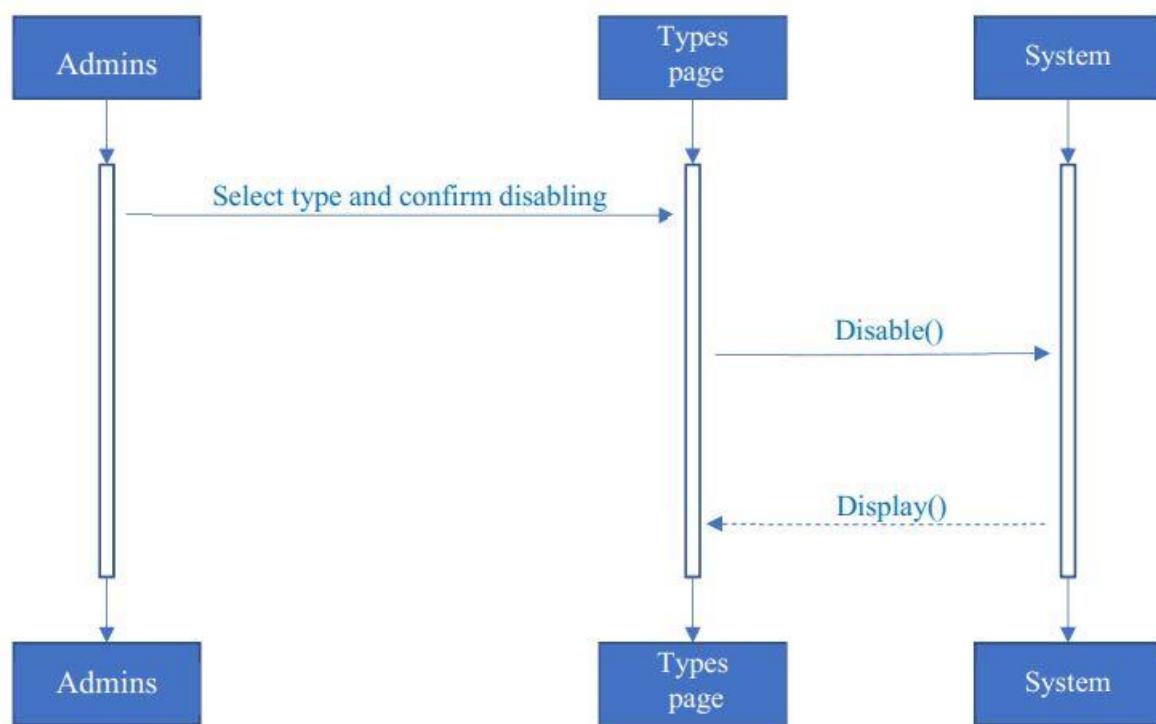
## 4.2. Update

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Update type	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to update existed brand's information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Type Name, Description, Status then click on Update button	Check information (exception) Update type in database Display type admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



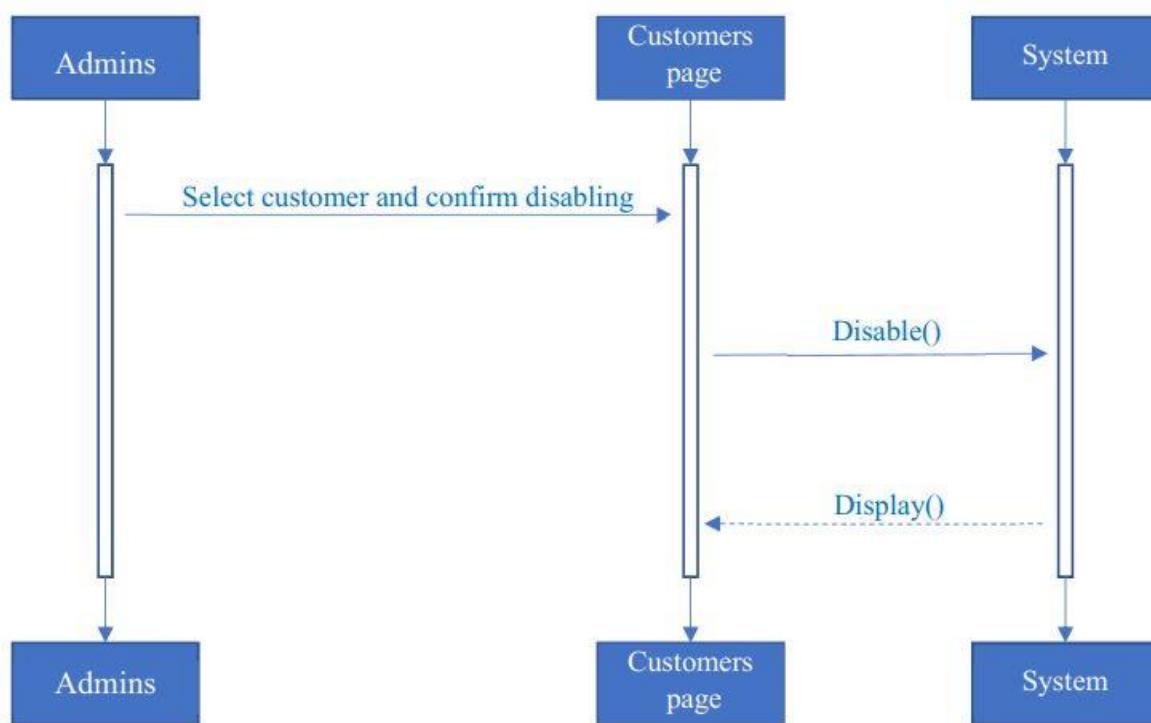
### 4.3. Disable

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable type	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed type	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on “Yes” to confirm Click on “No” to cancel	Display 2 button “Yes” & “No” Change status value of chosen type to false from Type table Hide 2 button. Display type admin page



## 5. Disable Customer

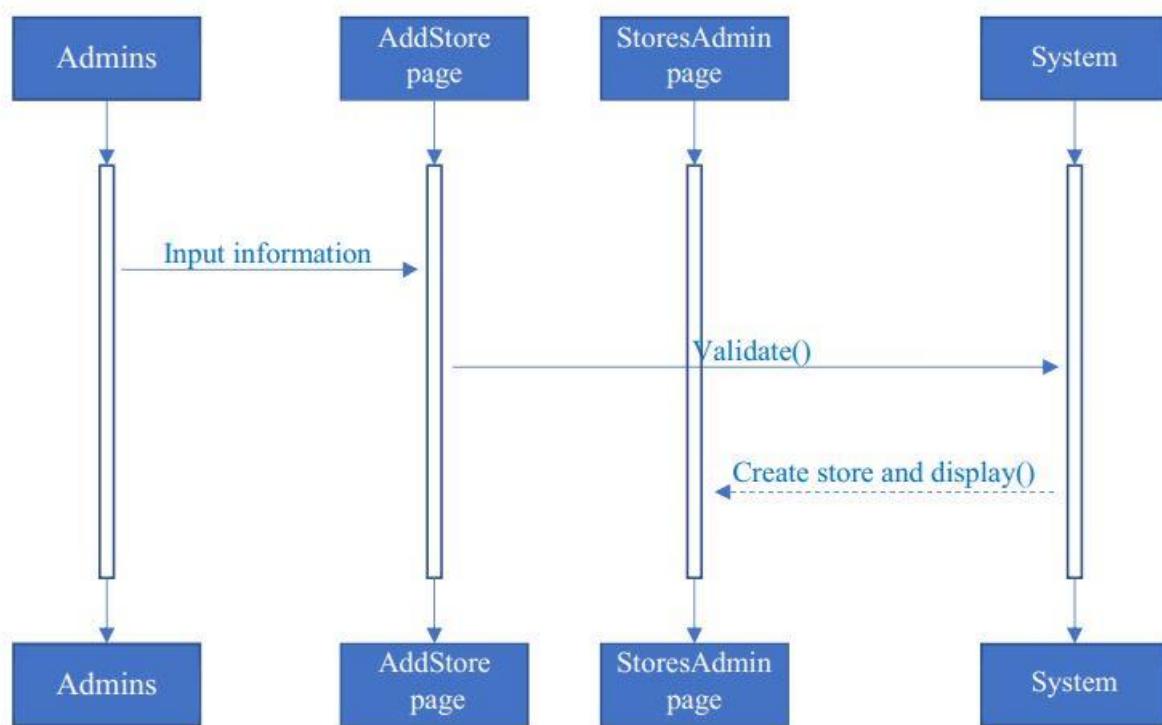
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable customer	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed customer	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on "Yes" to confirm Click on "No" to cancel	Display 2 button "Yes" & "No" Change status value of chosen customer to false from Customer table Hide 2 button. Display customer admin page



## 6. Manage Store

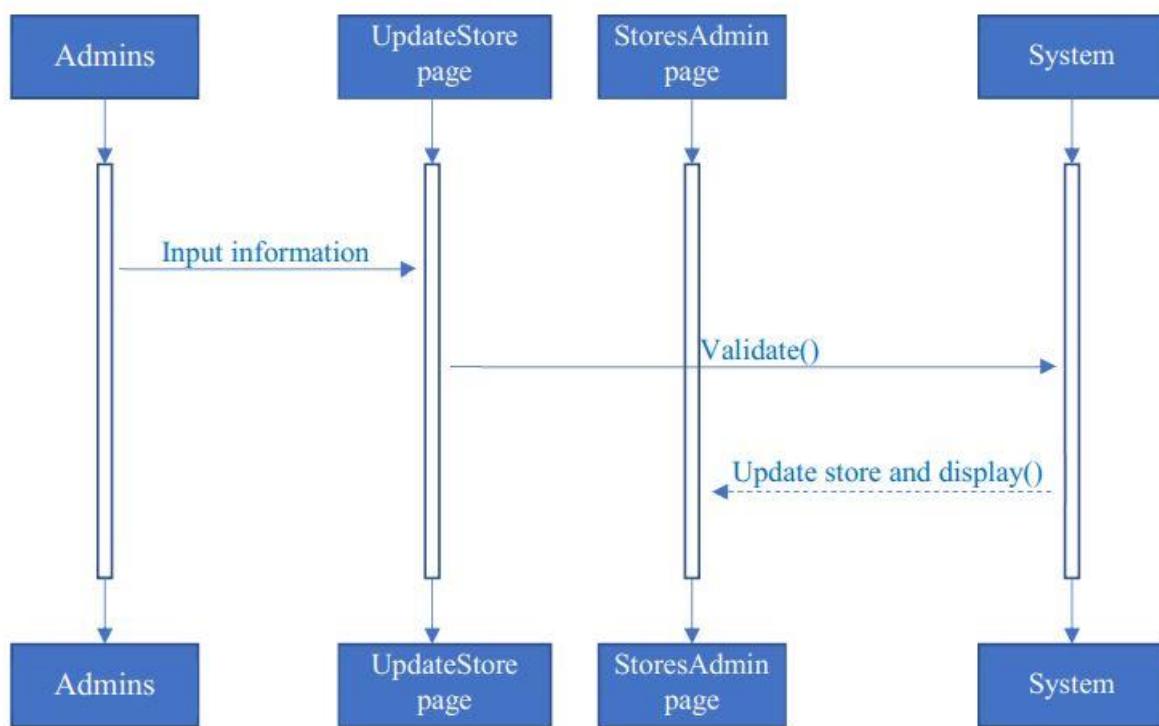
### 6.1. Add

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Add store	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to insert new store	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Store Name, Phone, City, Longitude, Latitude, Contact Person, Status then click on Insert button	Check information (exception) Create new store in database Display store admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



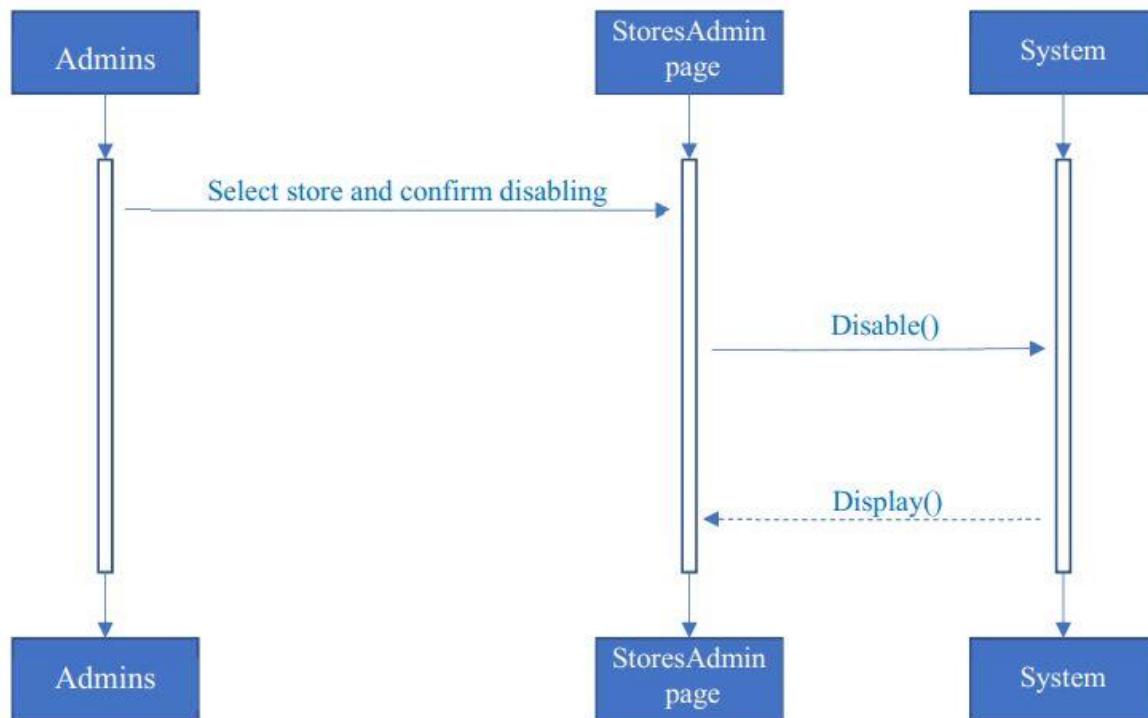
## 6.2. Update

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Update store	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to update existed store's information	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Input information to input field: Store Name, Phone, City, Longitude, Latitude, Contact Person, Status then click on Update button	Check information (exception) Update store in database Display store admin page.
<b>Exception</b>	Let field blank	Display error message: "Each field can't be blank"



### 6.3. Disable

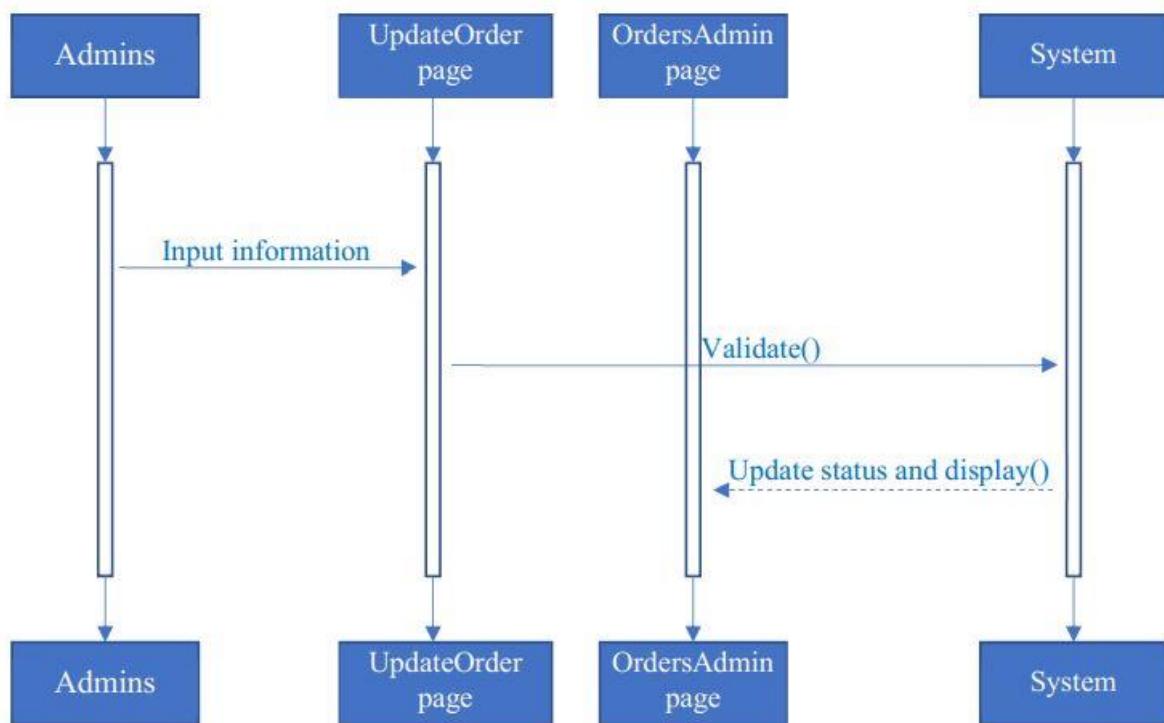
<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable store	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed store	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on “Yes” to confirm Click on “No” to cancel	Display 2 button “Yes” & “No” Change status value of chosen store to false from Store table Hide 2 button. Display store admin page



## 7. Manage Order

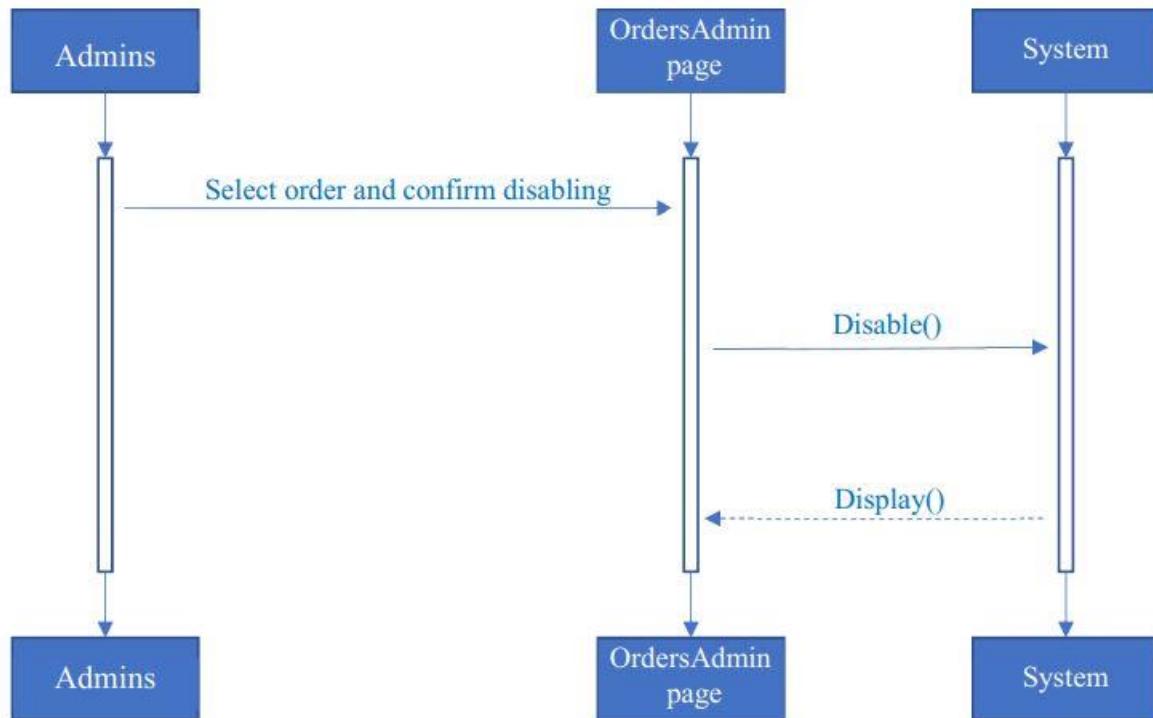
### 7.1. Change Order's Status

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Change order's status	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to update order's status	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Select new value in dropdown list: Process Status. Then click on update button	<p>System only display possible value based on current value in dropdown list for Admin to select:</p> <p>Current "Processing" =&gt; display: "Shipping" &amp; "Complete"</p> <p>Current "Shipping" =&gt; display: "Complete"</p> <p>Current "Complete" =&gt; disable dropdown list &amp; update button</p> <p>Update existed order in database</p> <p>Display order admin page</p>



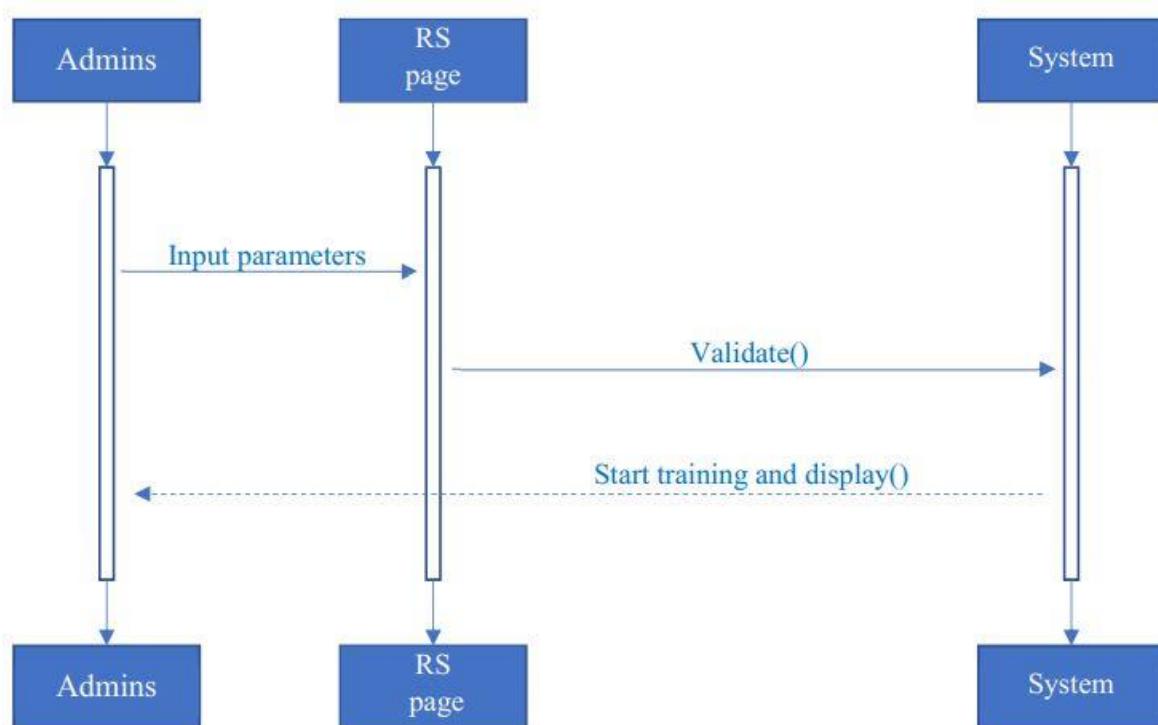
## 7.2. Disable

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Disable order	
<b>Actors</b>	Admin	
<b>Description</b>	Admin want to disable existed order	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Disable button Click on “Yes” to confirm Click on “No” to cancel	Display 2 button “Yes” & “No” Change status value of chosen order to false from Order table Hide 2 button. Display order admin page



## 8. Manage Diagnose & Recommend System

<b>Author</b>	Vo Thanh Liem	
<b>Diagram Name</b>	Manage DRS	
<b>Actors</b>	Admin	
<b>Description</b>	Admin start the process training the DRS	
	<b>Actors Action</b>	<b>System Response</b>
<b>Basic Flow</b>	Click on Training button	Start the process to train DRS using Collaborative Filtering – Machine Learning Algorithm Display DRS page



✚ Recommender System – using Collaborative Filtering algorithm:

- Data source from Customer's rating, example:

		Ratings				
Products		Customers				
		C001	C002	C003	C004	C005
P001		5	3		5	2
P002		2			1	
P003					5	4
P004		2	4		4	3
P005					3	
P006		3			2	

- Initialize to small random values. This serves to break symmetry and ensures that the algorithm learns features that are different from each other.

Features - X	
P001	X <sub>10</sub> X <sub>11</sub> X <sub>12</sub> X <sub>13</sub>
P002	X <sub>20</sub> X <sub>21</sub> X <sub>22</sub> X <sub>23</sub>
P003	X <sub>30</sub> X <sub>31</sub> X <sub>32</sub> X <sub>33</sub>
P004	X <sub>40</sub> X <sub>41</sub> X <sub>42</sub> X <sub>43</sub>
P005	X <sub>50</sub> X <sub>51</sub> X <sub>52</sub> X <sub>53</sub>
P006	X <sub>60</sub> X <sub>61</sub> X <sub>62</sub> X <sub>63</sub>

Theta - θ				
C001	C002	C003	C004	C005
θ <sub>01</sub>	θ <sub>02</sub>	θ <sub>03</sub>	θ <sub>04</sub>	θ <sub>05</sub>
θ <sub>11</sub>	θ <sub>12</sub>	θ <sub>13</sub>	θ <sub>14</sub>	θ <sub>15</sub>
θ <sub>21</sub>	θ <sub>22</sub>	θ <sub>23</sub>	θ <sub>24</sub>	θ <sub>25</sub>
θ <sub>31</sub>	θ <sub>32</sub>	θ <sub>33</sub>	θ <sub>34</sub>	θ <sub>35</sub>

- Minimize using gradient descent:

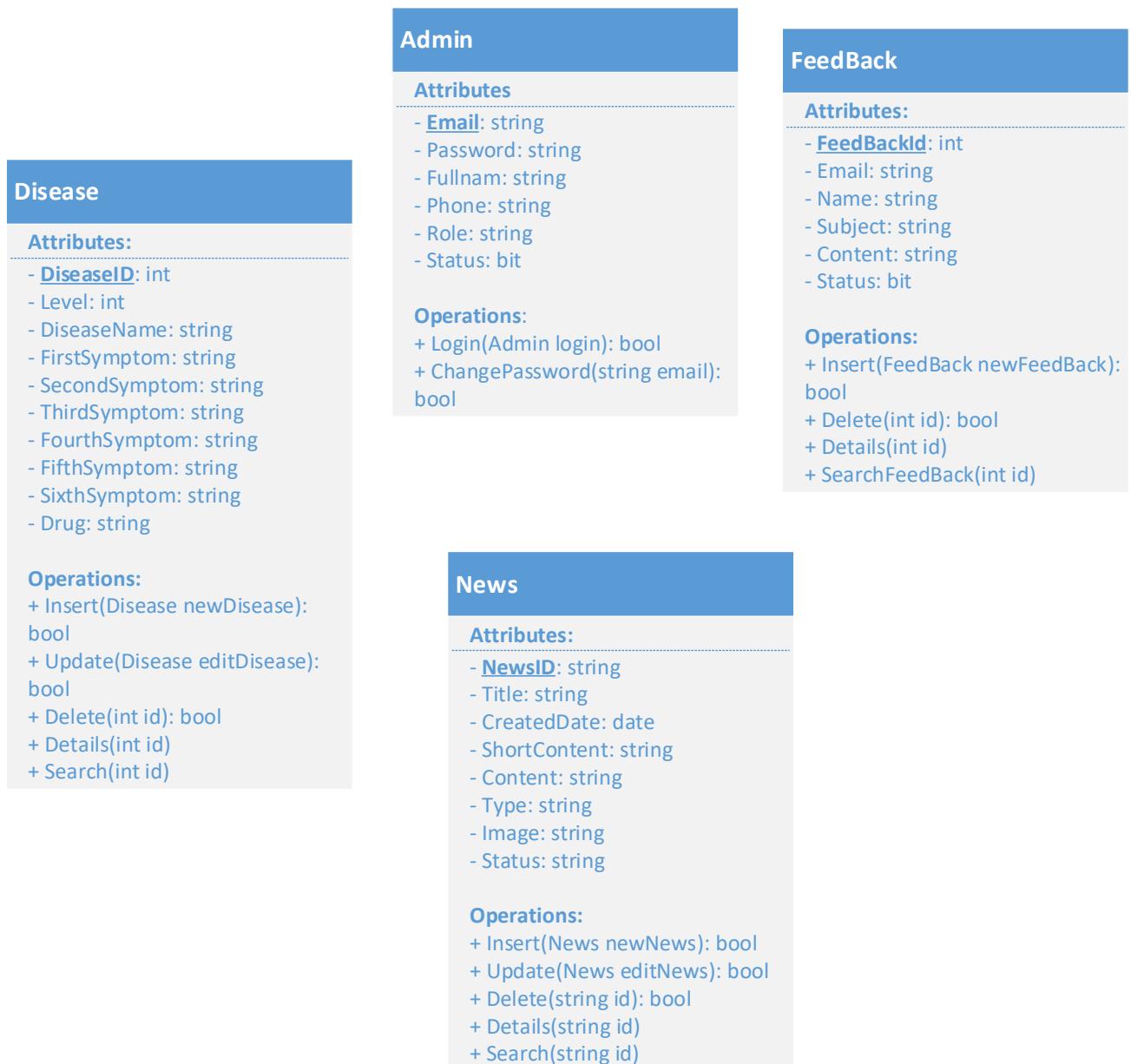
$$x_k^{(i)} := x_k^{(i)} - \alpha \left( \sum_{j:r(i,j)=1} ((\theta^{(j)})^T x^{(i)} - y^{(i,j)}) \theta_k^{(j)} + \lambda x_k^{(i)} \right)$$

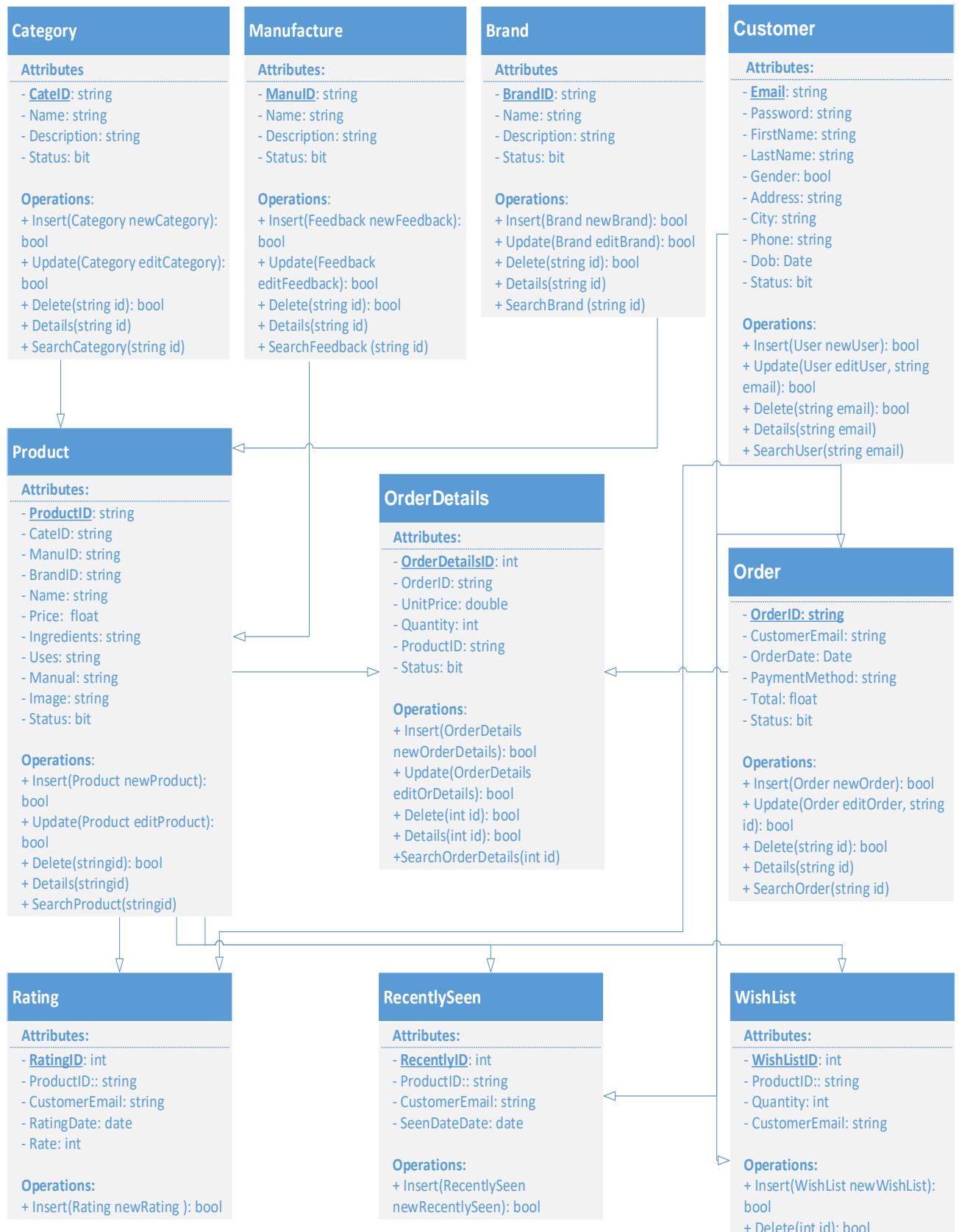
$$\theta_k^{(j)} := \theta_k^{(j)} - \alpha \left( \sum_{i:r(i,j)=1} ((\theta^{(j)})^T x^{(i)} - y^{(i,j)}) x_k^{(i)} + \lambda \theta_k^{(j)} \right)$$

- For a user with parameters  $\theta$  and a product with (learned features  $x$ , predict a star rating of  $\theta x$ . Example:

		Predictions $\hat{Y} = X * \theta$				
		Customers				
Products		C001	C002	C003	C004	C005
P001		5.05	2.90	3.20	4.80	2.40
P002		1.60	3.10	1.90	1.20	2.40
P003		3.70	4.20	3.90	4.80	4.30
P004		2.20	4.10	3.30	3.50	2.50
P005		2.50	29.00	3.20	3.20	3.40
P006		3.30	1.70	2.10	2.40	3.10

## V. Class Diagram





## VI. Class Description

### 1. Admin Class

<b>Admin Class</b>	
<b>Attributes</b>	<b>Description</b>
<u>Email</u>	Email of Admin
Password	Password for the Admin can sign in as the system manager
Fullscreen	Full name of Admin
PhoneNumber	Phone number of Admin
Role	Role of Admin
Status	Status of Admin
<b>Methods</b>	<b>Description</b>
Login	Login to admin can manage website
ChangePassword	Alter another password for admin

### 2. Customer Class

<b>User Class</b>	
<b>Attributes</b>	<b>Description</b>
<u>Email</u>	Email for user can sign in website
Password	Password for user can sign in website
Firstname	First name of user
Lastname	Last name of user
Gender	Identity the gender of user
Address	Address of user
City	City of user
Phone	Phone of user
DoB	Birthday of user
Status	Status of user
<b>Methods</b>	<b>Description</b>
Insert	Set an new instance of user
Update	Recreate account's user
Delete	Remove one user from the system
Details	Show all the information above about that user
SearchUser	Display users that you want these user to occur

### 3. Manufacture Class

Manufacture Class	
Attributes	Description
<b>ManuID</b>	The code of manufacture
Name	The name of manufacture
Description	The description of manufacture
Status	The status of manufacture
Methods	Description
Insert	Set an new instance of manufacture
Update	Recreate information of manufacture
Delete	Remove one manufacture from the system
Details	Show all the information above about that manufacture
SearchManufacture	Display manufacture that you want these manufacture to occur

### 4. Brand Class

Brand Class	
Attributes	Description
<b>BrandID</b>	The code of brand
Name	The name of brand
Description	The description of brand
Status	The status of brand
Methods	Description
Insert	Set an new instance of brand
Update	Recreate information of brand
Delete	Remove one brand from the system
Details	Show all the information above about that brand
SearchBrand	Display brand that you want these brand to occur

### 5. Category Class

Category Class	
Attributes	Description
<b>CategoryID</b>	The code of category
Name	The name of category
Description	The description of category
Status	The status of category
Methods	Description
Insert	Set an new instance of category
Update	Recreate information of category
Delete	Remove one category from the system
Details	Show all the information above about that category
SearchCategory	Display category that you want these brand to occur

## 6. Order Class

Order Class	
Attributes	Description
<b>OrderID</b>	The code of order
CustomerEmail	Identify user who wants to buy products
OrderDate	Identify day that is ordered
Total	Total Price of one order
PaymentMethod	Kind of payment
Status	Status of order
Methods	Description
Insert	Set an new instance of order
Update	Recreate information of order
Delete	Remove one order from the system
Details	Show all the information above about that order
SearchOrder	Display orders that you want these orders to occur

## 7. OrderDetails Class

OrderDetails Class	
Attributes	Description
<b>OrderDetailsID</b>	The code of orderdetail
OrderID	The primary key of Order Class that is referenced from Order Class
UnitPrice	Identify price of product
Quantity	Identify total quantity of products
ProductID	The code of Product that is referenced from Product Class
Status	Status of orderdetails
Methods	Description
Insert	Set an new instance of orderdetail
Update	Recreate information of orderdetail
Delete	Remove one orderdetails from the system
Details	Show all the information above about that orderdetails
SearchOrderDetails	Display OrderDetails that you want these orderdetails to occur

## 8. Product Class

Product Class	
Attributes	Description
<b>ProductID</b>	Code of product
CatelID	Code of category that is referenced from Category Class
ManulID	Code of manufacture that is referenced from Manufacture Class
BrandID	Code of brand that is referenced from Brand Class
Name	Name of product
Price	Unit price of product
Ingredients	Ingredients of product
Uses	Uses of product
Manual	Manual of product
Image	Image that is demonstrate for that medicine
Status	Status of product
Methods	Description
Insert	Set a new instance of medicine
Update	Recreate the information's medicine
Delete	Remove one medicine from the system
Details	Show all the various of medicine type that have in the system
SearchProduct	Display the types of medicine that you want these products to occur

## 9. Rating Class

Rating Class	
Attributes	Description
<b>RatingID</b>	ID of rating
ProductID	ID of product
CustomerEmail	Email of customer who rate product
RatingDate	Date of rating
Rate	Values of rating
Methods	Description
Insert	Set an new instance of rating

## 10. WishList Class

WishList Class	
Attributes	Description
<b>WishListID</b>	ID of wishlist class
ProductID	ID of product
Quantity	Quantity of product
CustomerEmail	Email of customer
Methods	Description
Insert	Set an new instance of recently viewed item

## 11. RecentlySeen

RecentlySeen Class	
Attributes	Description
<u>RecentlyID</u>	ID of recentlyseen class
ProductID	ID of product
CustomerEmail	Email of customer
SeenDate	Date customer viewed product
Methods	Description
Insert	Set an new instance of wishlist item
Delete	Remove one wishlist item from the system

## 12. News Class

News Class	
Attributes	Description
<u>NewsID</u>	ID of news
Title	Title of news
ShortContent	Short content of news
Content	Content of news
CreatedDate	Date create news
Type	Type of news
Image	Image of news
Status	Status of news
Methods	Description
Insert	Set a new instance of news
Update	Update the information's news again
Delete	Remove one news from the system
Details	Show all the various of news that have in the system
SearchNews	Display the types of news that you want these news to occur

## 13. Feedback Class

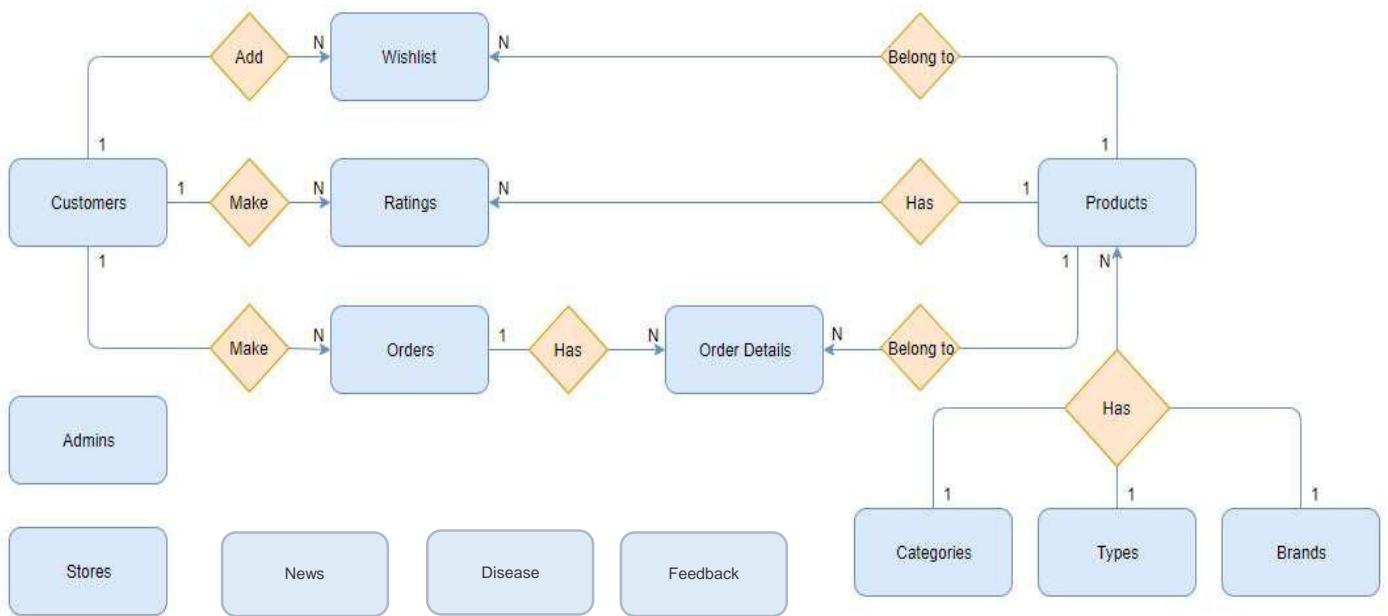
Feedback Class	
Attributes	Description
<u>FeedBackID</u>	The code of feedback class
Email	Email of user who sends feedback
Name	Name of user who sends feedback
Subject	The subject of feedback class
Content	The information is description that feedback
Status	Status of feedback
Methods	Description
Insert	Set a new instance of feedback
Delete	Remove one feedback from the system
Details	Show all the feedbacks in the system
SearchFeedBack	Display the feedbacks that you want to find out

## 14. Disease Class

Disease Class	
Attributes	Description
<u>DiseaseID</u>	ID of disease
Level	Level of disease
DiseaseName	Name of disease
FirstSymptom	First Symptom of disease
SecondSymptom	Second Symptom of disease
ThirdSymptom	Third Symptom of disease
FourthSymptom	Fourth Symptom of disease
FifthSymptom	Fifth Symptom of disease
SixthSymptom	Sixth Symptom of disease
Drug	Drug for treatment
Methods	Description
Insert	Set a new instance of disease
Update	Update the information's disease again
Delete	Remove one disease from the system
Details	Show all the various of disease that have in the system
SearchDisease	Display the types of disease that you want these disease to occur

## VII. Entity – Relationship Diagrams

### 1. Entity – Relationship Diagram

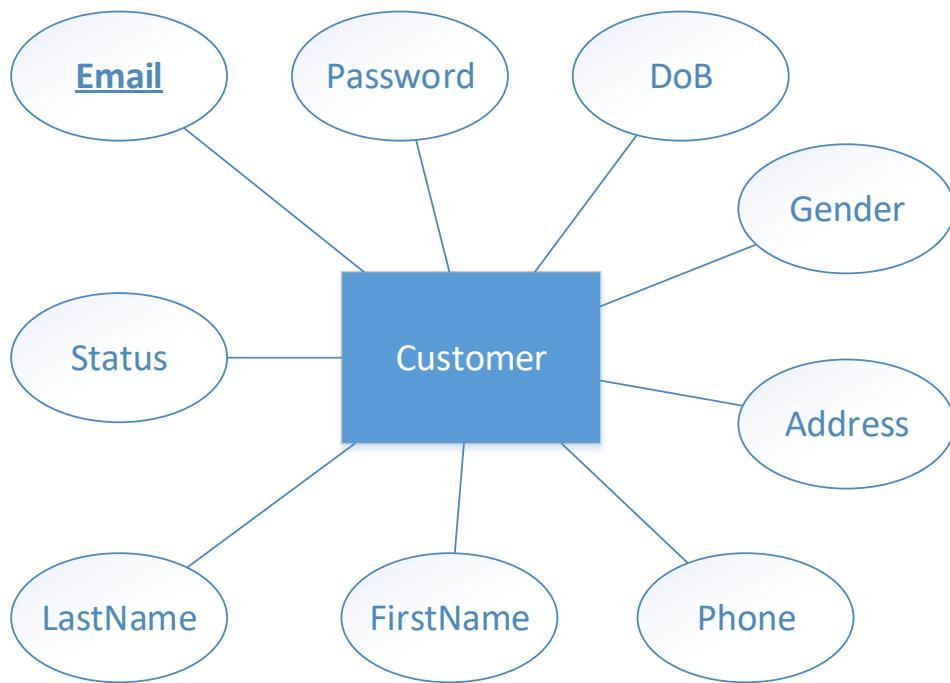


### 2. Entity – Relationship Diagram Symbols

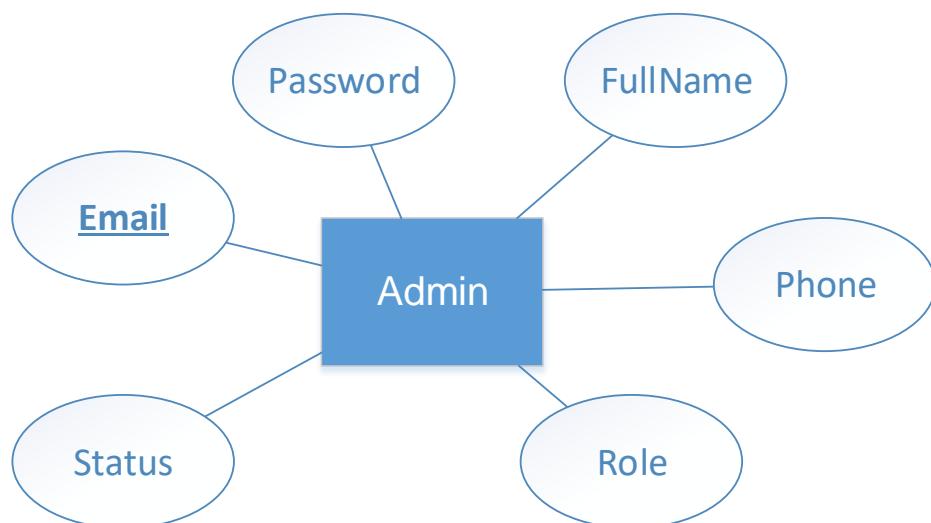
	Representing an entity
	Representing a relationship between two entities
	An attribute of entity
	This attribute is primary key

### 3. Entities and Properties

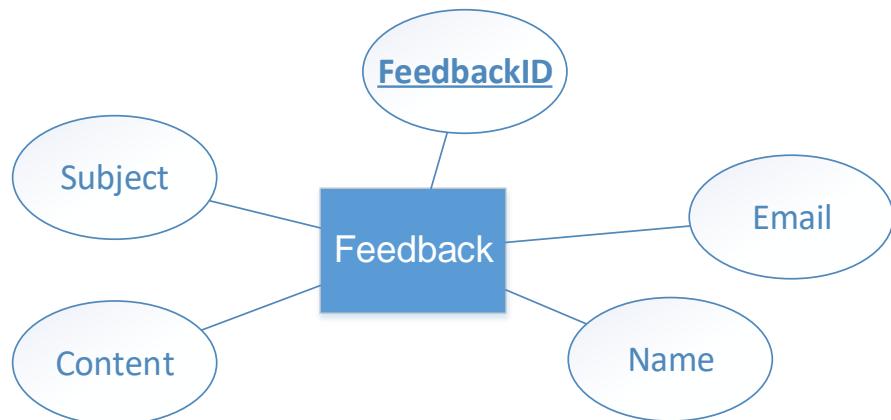
#### 3.1. Customer



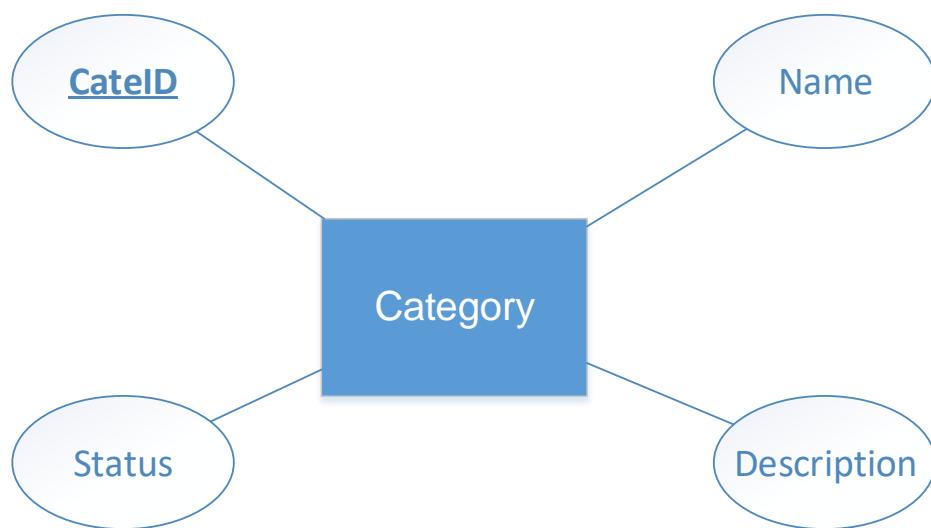
#### 3.2. Admin



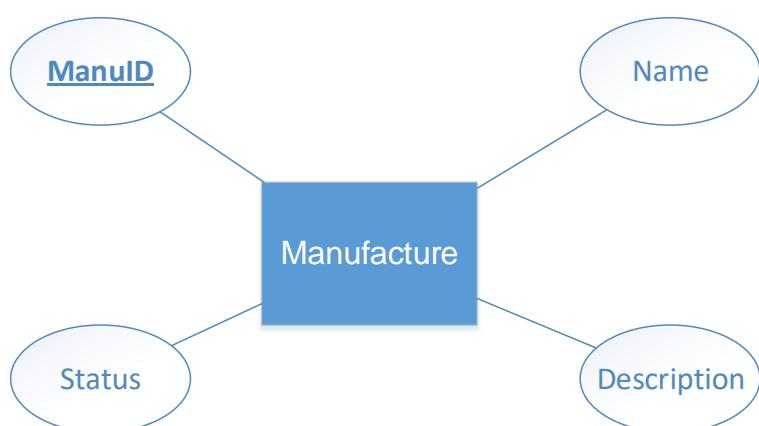
### 3.3. Feedback



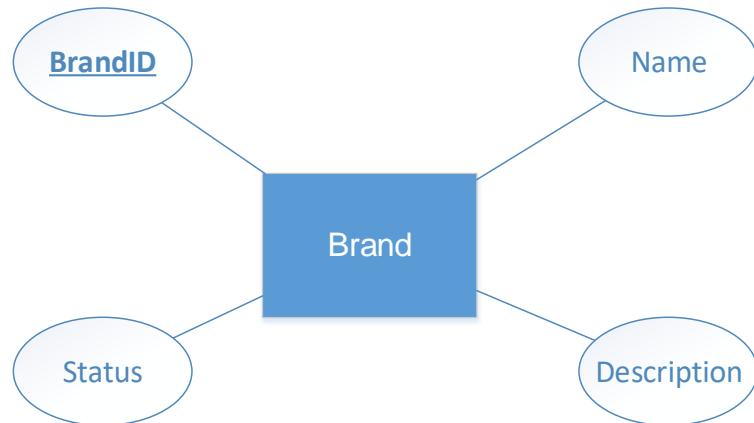
### 3.4. Category



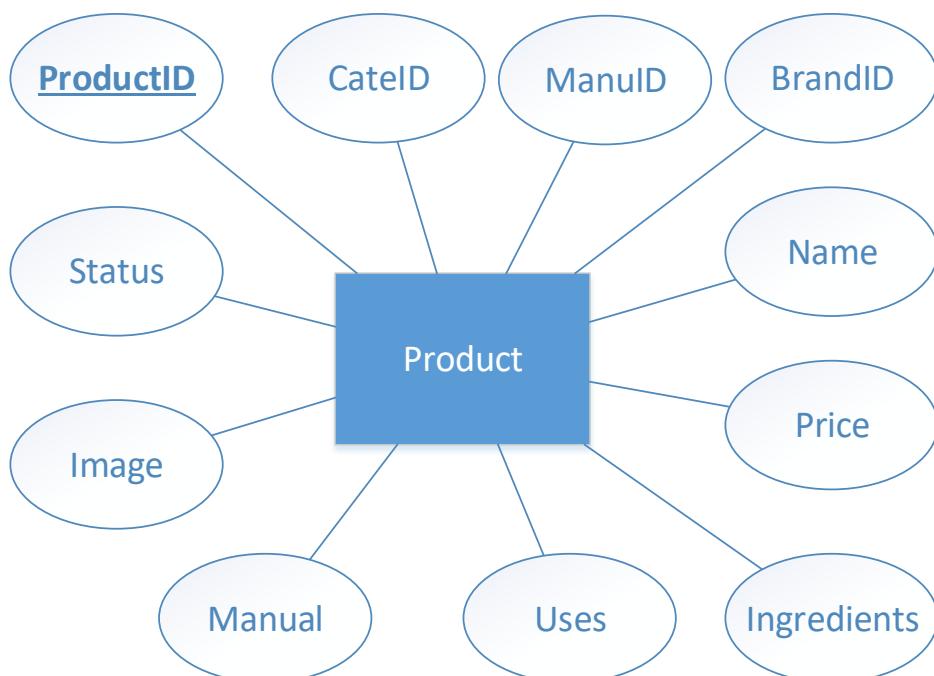
### 3.5. Manufacture



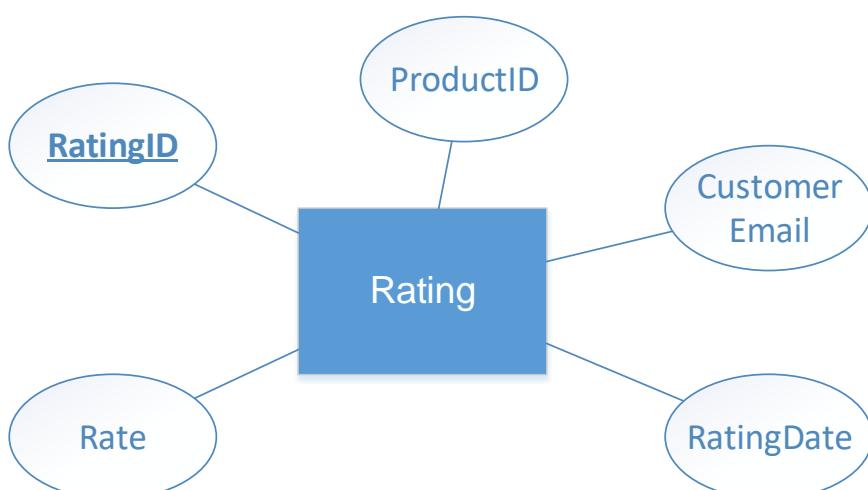
### 3.6. Brand



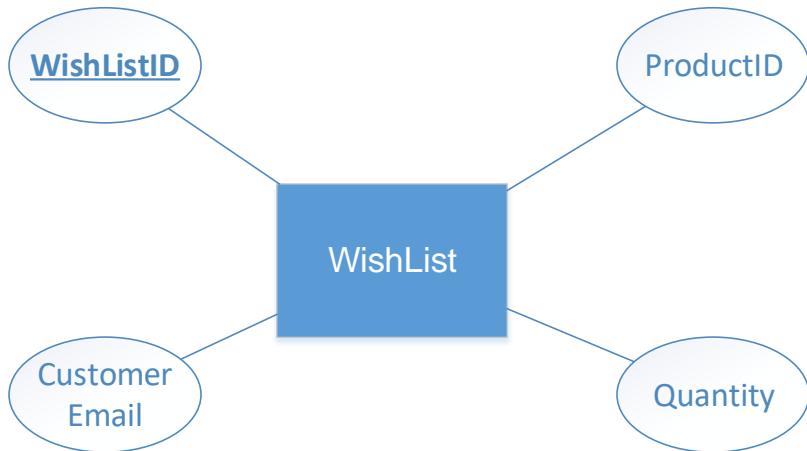
### 3.7. Product



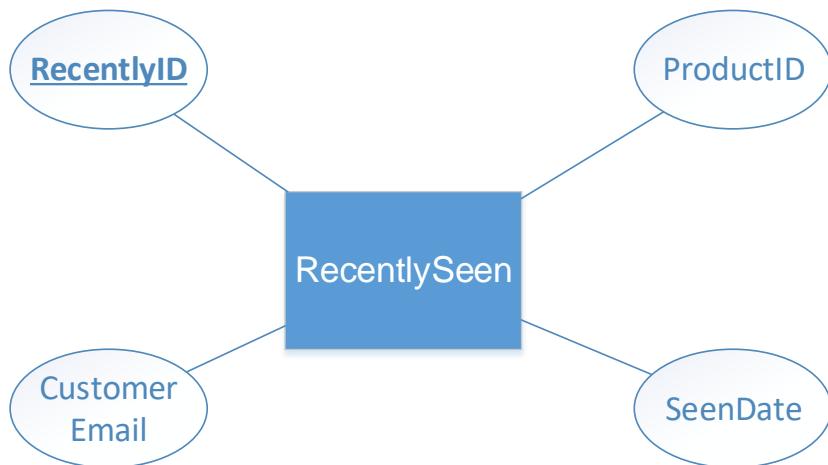
### 3.8. Rating



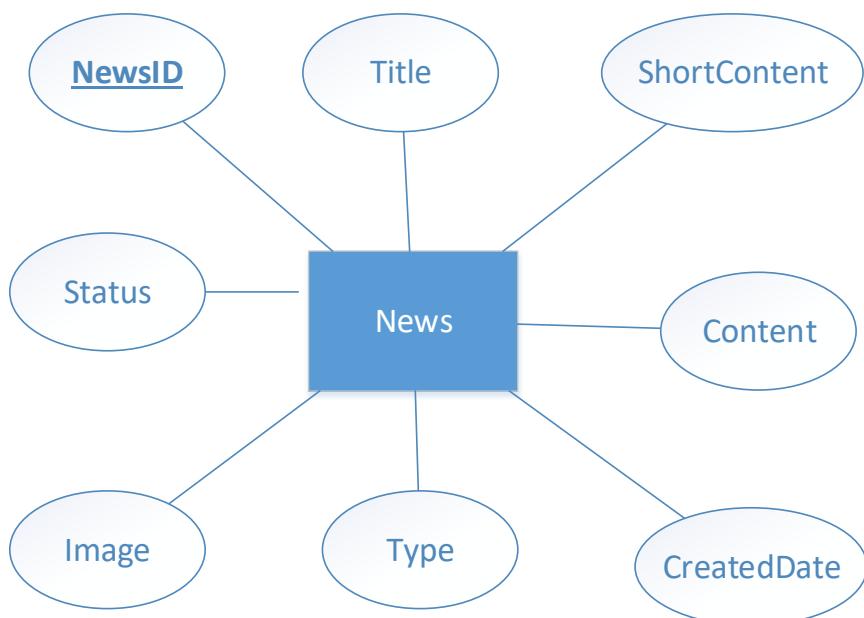
### 3.9. WishList



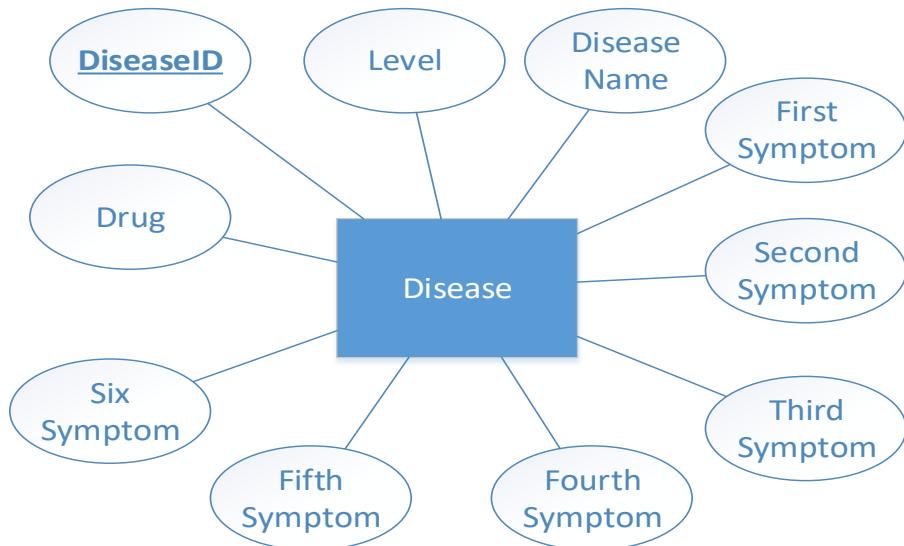
### 3.10. RecentlySeen



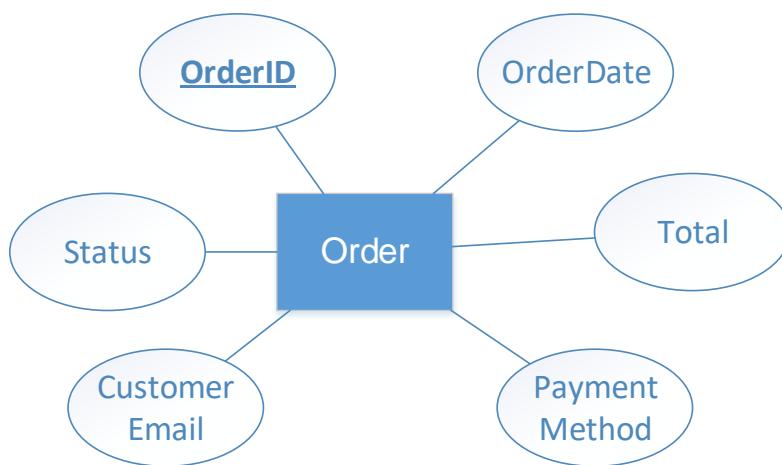
### 3.11. News



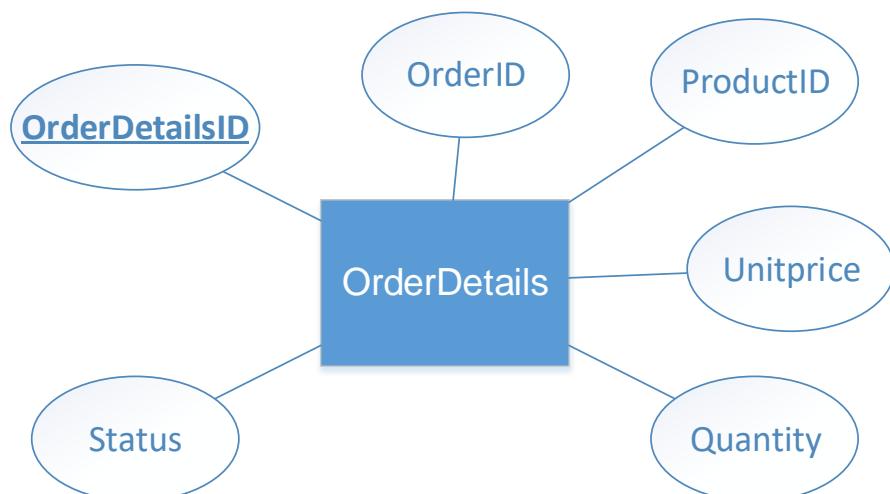
### 3.12. Disease



### 3.13. Order



### 3.14. OrderDetails



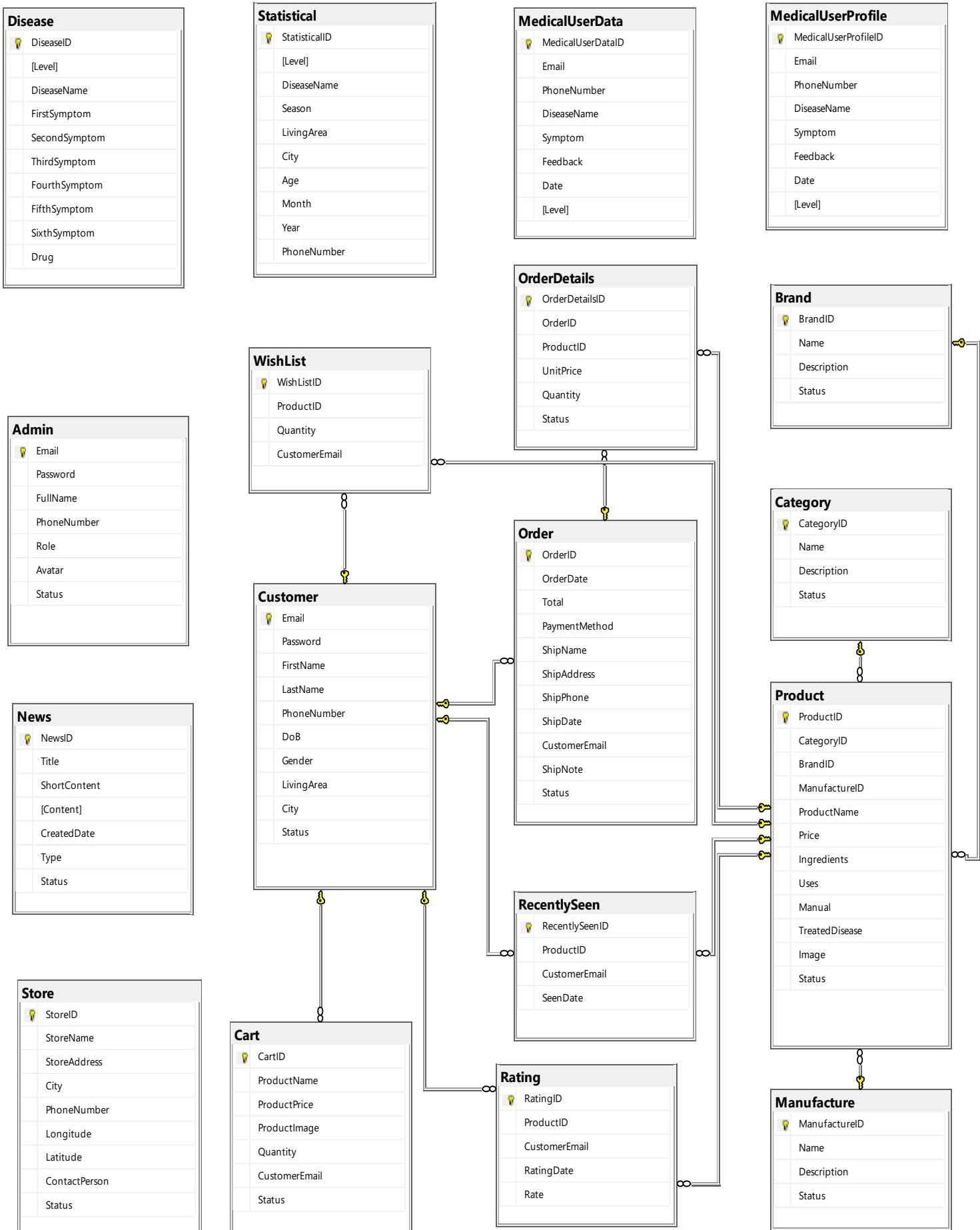
# TASK SHEET REVIEW 2

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:					
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status		
1	Algorithms – Data Flowchart	Medicyah	Liem	07/05/2019	1	All Member	Completed		
2	Data Flow Diagram			08/05/2019	3	Hanh	Completed		
3	Use Case Diagram			08/05/2019	3	Vu	Completed		
4	Sequence Diagram			08/05/2019	4	Liem	Completed		
5	Class Diagram			08/05/2019	2	Quang	Completed		
6	Class Description			10/05/2019	2	Quang	Completed		
7	Entity-Relationship Diagram			12/05/2019	2	Liem	Completed		
8	Task sheet review			14/05/2019	1	Liem	Completed		
<b>Date: 15/05/2019</b>									
Signature of Instructor:				Signature of Team Leader:					
<b>Mr. Ngo Phuoc Nguyen</b>				<b>Vo Thanh Liem</b>					

# **REVIEW 3**

# I. DATABASE DESIGN

## 1. Database Design Diagram



## 2. Database Structure

### 2.1. Table Admin

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>Email</u>	varchar(50)	No	admin@gmail.com	PK		Admin's Email
2	Password	varchar(20)	No	123456			Admin's Password
3	FullName	varchar(50)	No				Admin's Full name
4	PhoneNumber	varchar(15)	No				Admin's Phone
5	Role	varchar(20)	No				Admin's Role
6	Avatar	varchar(100)	Yes				Admin's Avatar
7	Status	bit	No	1			Admin's Status

### 2.2. Table Customer

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>Email</u>	varchar(20)	No		PK		Customer's Email
2	Password	varchar(20)	No				Customer's Password
3	FirstName	varchar(20)	No				Customer's First Name
4	LastName	varchar(20)	No				Customer's Last Name
5	Gender	bit	No	0			Customer's Gender
6	DoB	date	No				Customer's Day of Birth
7	PhoneNumber	varchar(15)	No				Customer's Phone Number
8	LivingArea	varchar(100)	No				Customer's Living Area
9	City	varchar(50)	No				Customer's Living City
10	Status	bit	No	1			Customer's Status

### 2.3. Table Brand

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>BrandID</u>	varchar(20)	No		PK		Brand's ID
2	BrandName	varchar(30)	No				Brand's Name
3	Description	varchar(100)	No				Brand's Description
4	Status	bit	No	1			Brand's Status

## 2.4. Table Category

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>CategoryID</u>	varchar(20)	No		PK		Category's ID
2	CategoryName	varchar(30)	No				Category's Name
3	Description	varchar(100)	No				Category's Description
4	Status	bit	No	1			Category's Status

## 2.5. Table Manufacture

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>ManufactureID</u>	varchar(20)	No		PK		Manufacture's ID
2	ManufactureName	varchar(30)	No				Manufacture's Name
3	Description	varchar(100)	No				Manufacture's Description
4	Status	bit	No	1			Manufacture's Status

## 2.6. Table Product

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>ProductID</u>	varchar(20)	No		PK		Product's ID
2	CategoryID	varchar(20)	No		FK	Category (CategoryID)	Category's ID
3	ManufactureID	varchar(20)	No		FK	Manufacture (Manuld)	Manufacture's ID
4	BrandID	varchar(20)	No		FK	Brand (BrandID)	Brand's ID
5	ProductName	varchar(50)	No				Product's Name
6	Price	float	No				Product's Price
7	Ingredients	varchar(500)	No				Product's Ingredients
8	Uses	varchar(500)	No				Product's uses
9	Manual	varchar(2000)	No				Product's manual
10	TreatedDisease	varchar(50)	No				Product's Treated Disease
11	Image	varchar(100)	No				Product's Image
12	Status	bit	No	1			Product's Status

## 2.7. Table RecentlySeen

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>RecentlySeenID</u>	int	No	identity(1,1)	PK		RecentlySeen's ID
2	ProductID	varchar(20)	No		FK	Product (ProductID)	Product's ID
3	CustomerEmail	varchar(50)	No		FK	Customer (CustomerEmail)	Customer's Email
4	Phone	varchar(15)	No				RecentlySeen's Date

## 2.8. Table WishList

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>WishListID</u>	int	No	identity(1,1)	PK		WishList's ID
2	ProductID	varchar(20)	No		FK	Product (ProductID)	Product's ID
3	CustomerEmail	varchar(50)	No		FK	Customer (Email)	Customer's Email
4	Quantity	int(15)	No				Product's Quantity

## 2.9. Table Rating

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>RatingID</u>	int	No	identity(1,1)	PK		Rating's ID
2	ProductID	varchar(20)	No		FK	Product (ProductID)	Product's ID
3	CustomerEmail	varchar(50)	No		FK	Customer (Email)	Customer's Email
4	RatingDate	date	No				Rating's Date
5	Rate	int	No	1			Rating's Values

## 2.10. Table News

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>NewsID</u>	varchar(20)	No		PK		News's ID
2	Title	varchar(20)	No				News's Title
3	ShortContent	varchar(200)	No				News's Short Content

4	Content	varchar(2000)	No				News's Content
5	CreatedDate	date	No				Day Created News
6	Type	varchar(20)	Yes				News's Type
7	Status	bit	No	1			News's Status

## 2.11. Table Order

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>OrderID</u>	varchar(20)	No		PK		Order's ID
2	OrderDate	date	No				Order's Date
3	Total	float	No				Order's Total Price
4	PaymentMethod	varchar(100)	No				Payment Method
5	ShipName	varchar(50)	No				Receiver's Name
6	ShipAddress	varchar(100)	No				Receiver's Address
7	ShipPhone	varchar(15)	No				Receiver's Phone
8	ShipDate	date	No				Shipping Date
9	ShipNote	varchar(200)	No				Note for Shipping
10	CustomerEmail	varchar(50)	No		FK	Customer (Email)	Customer's Email
11	Status	bit	No	1			Order's Status

## 2.12. Table OrderDetails

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>OrderDetailsID</u>	varchar(20)	No		PK		OrderDetails's ID
2	OrderID	varchar(20)	No		FK	Order (OrderID)	Order's ID
3	ProductID	varchar(20)	No		FK	Product (ProductID)	Product's ID
4	UnitPrice	float	No				Product's Unit Price
5	Quantity	int	No				Product's Quantity
6	Status	bit	No	1			OrderDetails's Status

## 2.13. Table Cart

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>CartID</u>	int	No	identity(1,1)	PK		Cart's ID
2	CustomerEmail	varchar(50)	No		FK	Customer (Email)	Customer's Email
3	ProductName	varchar(20)	No		FK		Product's Name
4	ProductPrice	float	No				Product's Unit Price
5	ProductImage	varchar(100)	No				Product's Image
6	Quantity	int	No				Product's Quantity
7	Status	bit	No	1			Cart's Status

## 2.14. Table Disease

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>DiseaseID</u>	int	No	identity(1,1)	PK		Disease's ID
2	Level	int	No				Disease's Level
3	DiseaseName	varchar(50)	No				Disease's Name
4	FirstSymptom	varchar(50)	No				Disease's First Symptom
5	SecondSymptom	varchar(50)	No				Disease's Second Symptom
6	ThirdSymptom	varchar(50)	No				Disease's Third Symptom
7	FourthSymptom	varchar(50)	No				Disease's Fourth Symptom
8	FifthSymptom	varchar(50)	No				Disease's Fifth Symptom
9	SixthSymptom	varchar(50)	No				Disease's Sixth Symptom
10	Drug	varchar(50)	Yes				Drug for Treatment

## 2.15. Table Statistical

No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>StatisticalID</u>	int	No	identity(1,1)	PK		Statistical's ID
2	Level	int	Yes				Disease's Level
3	DiseaseName	varchar(50)	Yes				Disease's Name
4	Season	varchar(10)	Yes				Season in Year
5	LivingArea	varchar(100)	Yes				Statistical by Area
6	City	varchar(20)	Yes				Statistical by City

7	Age	int	Yes				Statistical by Age
8	Month	int	Yes				Statistical by Month
9	Year	int	Yes				Statistical by Year
10	Phone	varchar(15)	Yes				Customer's Phone

## 2.16. Table MedicalUserData

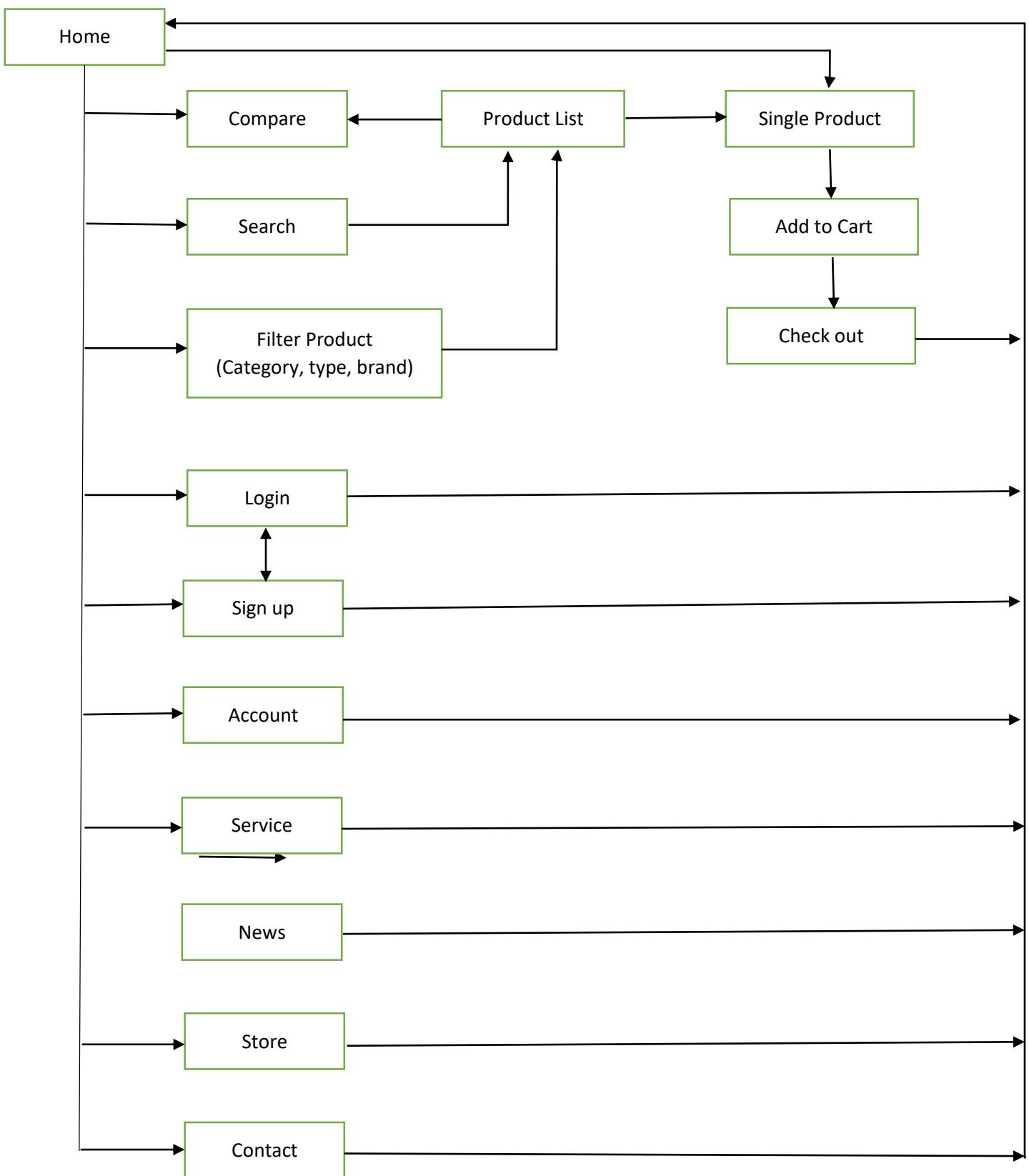
No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>MedicalUserDataID</u>	int	No	identity(1,1)	PK		Medical User Data's ID
2	CustomerEmail	varchar(50)	Yes				Customer's Email
3	PhoneNumber	varchar(15)	Yes				Customer's Phone Number
4	DiseaseName	varchar(50)	Yes				Disease's Name
5	Symptom	varchar(50)	Yes				Disease's Symptom
6	Feedback	varchar(500)	Yes				Customer's Feedback
7	Date	date	Yes				Medical User Data's Date
8	Level	int	Yes				Disease's Level

## 2.17. Table MedicalUserProfile

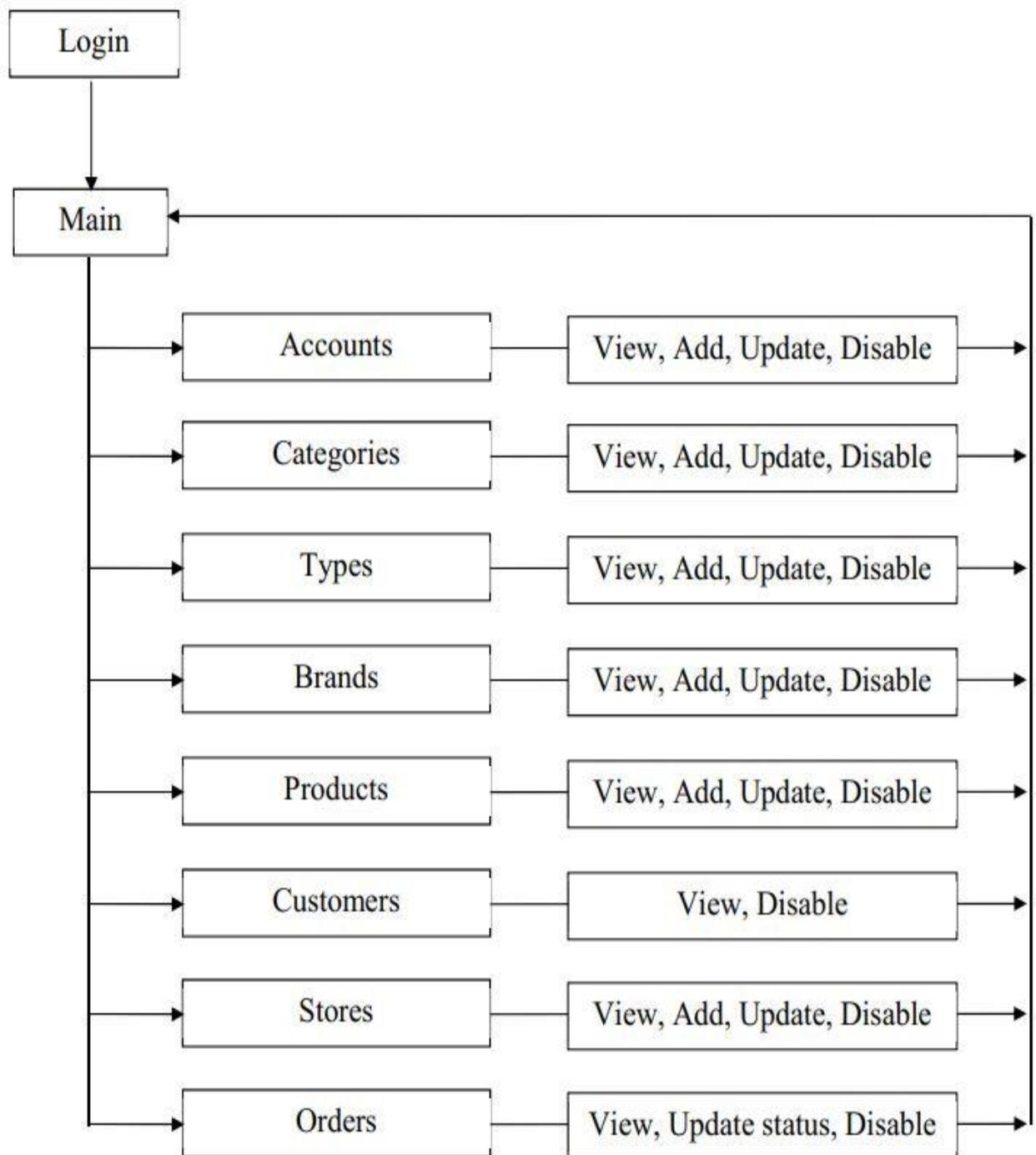
No	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	<u>MedicalUserProfileID</u>	int	No	identity(1,1)	PK		Medical User Profile's ID
2	CustomerEmail	varchar(50)	Yes				Customer's Email
3	PhoneNumber	varchar(15)	Yes				Customer's Phone Number
4	DiseaseName	varchar(50)	Yes				Disease's Name
5	Symptom	varchar(50)	Yes				Disease's Symptom
6	Feedback	varchar(500)	Yes				Customer's Feedback
7	Date	date	Yes				Medical User Profile's Date
8	Level	int	Yes				Disease's Level

## II. SITE MAP

### 1. User Site



## 2. Admin Site



### III. GUI DESIGN

#### 1. User Interface

1.1. **Template:** this is template for all user page.

##### 1.1.1. Header



No	Name	Type	Validation	Event	Description
1	Logo	Link		Click	Link to Home page
2	Home	Link		Click	Link to Home page
3	Service	Link		Click	Link to Disease Diagnostic page
4	Medicine	Link		Click	Link to Product page
5	News	Link		Click	Link to News page
6	Contact	Link		Click	Link to Contact page
7	Search	Textbox		Focus	Search all product in website
8	Language	Link		Click	Link to change language
9	Login	Link		Click	Link to Login page
10	Cart	Link		Click	Link to Cart page

1.1.2. **Language:** for user to change current language



No	Name	Type	Validation	Event	Description
1	Language	Link		Click	Click language want to change

### 1.1.3. Footer

We Care for Your Health Every Moment

[Home](#) [Service](#) [News](#)

[Contact](#)

**MY TEAM**

- Vo Thanh Liem
- Pham Thanh Vu
- Nguyen Van Quang
- Tran Viet Hanh

**CONTACT**

Address: 590-CMT8, District 3, HCMC  
Phone: (+8428) 3 846 0846  
Email: aptech.hcm@fpt.com.vn  
Open hours: Mon - Sat: 8am to 9pm  
Happy hours: Sat: 2pm to 4pm

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No	Name	Type	Validation	Event	Description
1	Home	Link		Click	Link to Home page
2	Service	Link		Click	Link to Disease Diagnostic page
3	Medicine	Link		Click	Link to Product page
4	News	Link		Click	Link to News page
5	Contact	Link		Click	Link to Contact page
6	Headquarters information				Headquarters information

**1.2. Home page:** Introduce the website. Some product & news also be showed in home page.

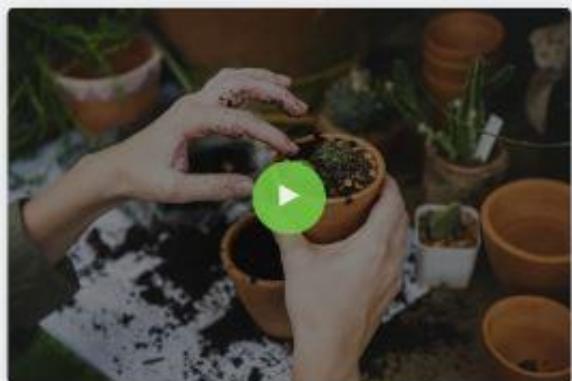
## OUR SERVICES

We provide the perfect service for you.

 Plants Care  
In Aenean purus, pretium sita amet sapien denin moste  
consectet sedonim una placera sodales service its.

 Pressure Washing  
In Aenean purus, pretium sita amet sapien denin moste  
consectet sedonim una placera sodales service its.

 Tree Service & Trimming  
In Aenean purus, pretium sita amet sapien denin moste  
consectet sedonim una placera sodales service its.



## ABOUT US

We are leading in the plants service fields.

Quisque nec quam, vulputate non commodo finibus, modestie ac  
ante. Donec in sceleri quesem. Nulla sit amet varius nunc. Maecenas  
dai, tempus ullam emigrar in.



### Quality Products

Intiam eu sagittis est, at commodo  
lacini liberi. Praesent dignissim sed  
odio vel aliquam manta ligom.



### 100% Natural

Intiam eu sagittis est, at commodo  
lacini liberi. Praesent dignissim sed  
odio vel aliquam manta ligom.

### Perfect Service

Intiam eu sagittis est, at commodo  
lacini liberi. Praesent dignissim sed  
odio vel aliquam manta ligom.



### Environmentally friendly

Intiam eu sagittis est, at commodo  
lacini liberi. Praesent dignissim sed  
odio vel aliquam manta ligom.

## NEW ARRIVALS

We have the latest products, it must be exciting for you



Cactus Flower  
\$10.99



Cactus Flower  
\$10.99



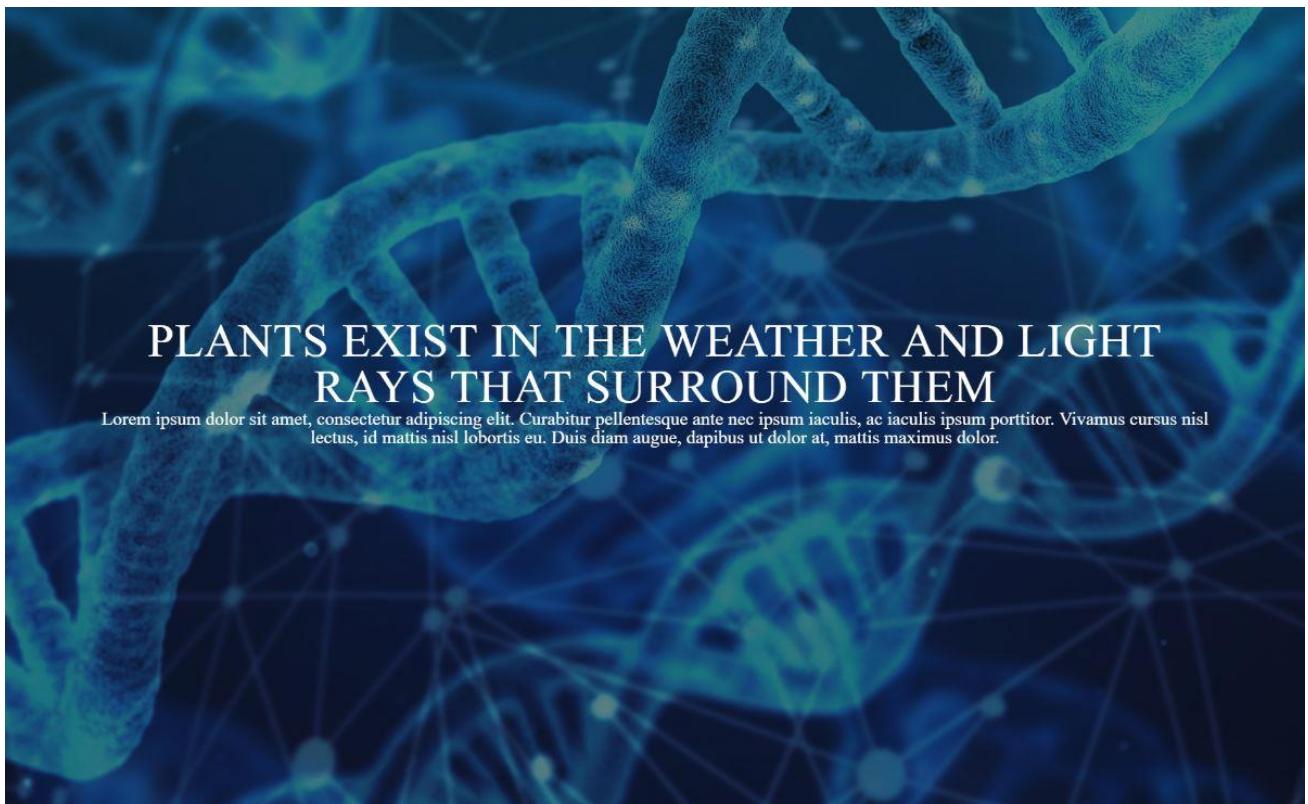
Cactus Flower  
\$10.99



Cactus Flower  
\$10.99

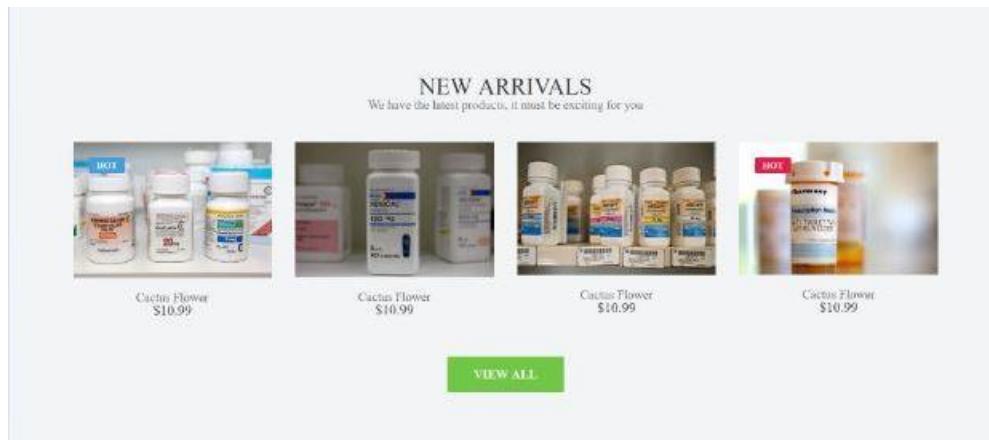
[VIEW ALL](#)

### 1.2.1. Slider:



No	Name	Type	Validation	Event	Description
1	Slider	Bootstrap Carousel		Click	Change image and promotion text

### 1.2.2. Suggest product:



No	Name	Type	Validation	Event	Description
1	Product Image	Image Link		Click	Link to product details page
2	Product Name	Text			
3	Product Price	text			
4	View All	Link		Click	Link to product page

### 1.2.3. Our Service:

**OUR SERVICES**  
We provide the perfect service for you.

**Plants Care**  
In Aenean purus, pretium sita amet sapien enim muset  
consectet seduim utra placet sodales service its.

**Pressure Washing**  
In Aenean purus, pretium sita amet sapien enim muset  
consectet seduim utra placet sodales service its.

**Tree Service & Trimming**  
In Aenean purus, pretium sita amet sapien enim muset  
consectet seduim utra placet sodales service its.

No	Name	Type	Validation	Event	Description
1	Our service	Text			Introduce about disease diagnostic

### 1.2.4. About Us:

**About us - Our achievements**

**Great Support**  
If you have any questions, please contact us, we will advise you 24/7.

**Conferences**  
We regularly hold medical seminars to provide you with the most up-to-date and useful information.

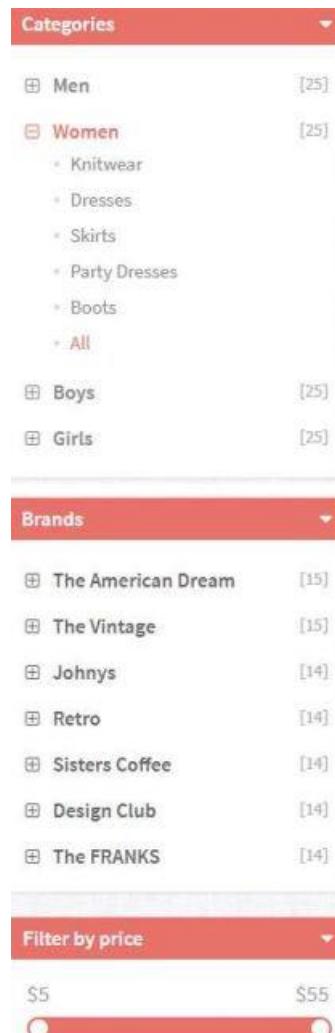
**Imported Drugs**  
We provide imported drugs manufactured by leading pharmaceutical companies.

**High quality Equipment**  
Specialized medical equipment manufactured by leading companies in this field is being provided in our clinic.

No	Name	Type	Validation	Event	Description
1	About Us	Text			Introduce about the website

### 1.3. Product:

#### 1.3.1. Filter Panel:



No	Name	Type	Validation	Event	Description
1	Category Panel	Dropdown Panel		Click	Show all category
2	Category link	Link		Click	Link to category's product
3	Brand Panel	Dropdown Panel		Click	Show all brand
4	Brand link	Link		Click	Link to brand's product
5	Filter by price	Jquery		Hold down & drag	Filter in price range

### 1.3.2. Product List:

**4**

Tylenol **5**  
\$50 **6**

Sudafed  
\$65

Advil  
\$75

Benadryl  
\$85

Mucinex DM  
\$95

Oscillococcinum  
\$105

Antiflu  
\$50

DayQuil SEVERE  
\$65

< 1 2 3 4 5 >

**7**

No	Name	Type	Validation	Event	Description
1	Product Image	Image Link		Click	Go to product details page
2	Product Name	Link		Click	Go to product details page
3	Product Price	Text			Product price
4	Pagination	Jquery UI pagination		Click	Change the page of displayed products

### 1.3.3. Product Details:

Home > Women > T-Shirt > Boxy T-Shirt with Roll Sleeve Detail

No	Name	Type	Validation	Event	Description
1	Product Image	Text			Product Image
2	Product Name	Text			Product Name
3	Product Price	Text			Product price
4	Product Description	Text			Product price
5	Quantity	Input number		Click	Input quantity want to buy
6	Add to cart	Link		Click	Click to add product to cart

### 1.3.4. Related product:

#### RELATED PRODUCTS



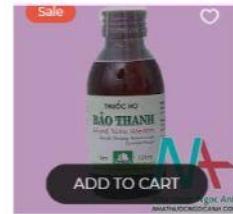
Herschel supply co 25l  
\$75.00



Denim jacket blue  
\$92.50



Coach slim easton black  
\$165.90



Frayed denim shorts  
\$29.50 - \$15.90

No	Name	Type	Validation	Event	Description
1	Related Product List	Bootstrap Carousel			List of related product (include recommend product)
2	Product Image	Image Link		Click	Click to go to product details page
3	Product Name	Text		Click	Product Name
4	Product Price	Text			Product Price

### 1.3.5. Recently View:

#### RECENTLY VIEW



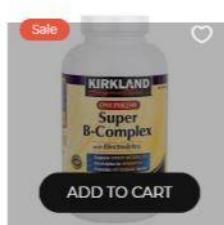
Herschel supply co 25l  
\$75.00



Denim jacket blue  
\$92.50



Coach slim easton black  
\$165.90



Frayed denim shorts  
\$29.50 - \$15.90

No	Name	Type	Validation	Event	Description
1	Recently Product List	Bootstrap Carousel			List of product which customer have viewed recently
2	Product Image	Image Link		Click	Click to go to product details page
3	Product Name	Text		Click	Product Name
4	Product Price	Text			Product Price

### 1.4. Rating product:

**Form Rating**

*Ratings for Ga Dong Tao*

Current Average Rating - 3.0 (2 rates)

★★★☆☆ 3.0

Change Your rates below

★★★☆☆

Update

No	Name	Type	Validation	Event	Description
1	Product Name	Text			Product Name
2	Product Rating	Bootstrap Font Awesome			Product current rating
3	Submit	Button		Click	Rating
4	Rating Description	Text			5 level: Really Bad, Bad, Fair, Good, Excellent

### 1.5. Compare product:

#### COMPARE PRODUCTS

Product			
Brand	An Vuong	My Thuan	Long Thanh
Category	Khang sinh	Khang sinh	Khang sinh
Price	50	70	90
Feature	Dau dau, chong mat	Dau dau, chong mat	Dau dau, chong mat
Description	Dau dau, chong mat	Dau dau, chong mat	Dau dau, chong mat

No	Name	Type	Validation	Event	Description
1	Product Image	Text			Product Image
2	Product Name	Text			Product Name
3	Product Price	Text			Product price
4	Product Description	Text			Product price

## 1.6. Cart

Shopping Cart

		Price	Quantity	Total
<b>1</b>				
<b>2</b>	MRT 3 MRT 3			
<b>3</b>		\$700		
<b>4</b>			Qty 2	\$1400
<b>5</b>				
<b>6</b>	Remove			
<b>7</b>	<a href="#">Continue Shopping</a>			

Antiflu

	Antiflu Antiflu	Remove	
		\$50	
			Qty 1
			\$50

No	Name	Type	Validation	Event	Description	Status
1	Image	Image			Product's image	Enable
2	Name	Textbox (Read only)			Product's name	Enable
3	Price	Textbox (Read only)			Product's unit price	Enable
4	Quantity	Textbox		Focus	Product's quantity, if user want update quantity, type number of product want to buy and then press enter, the cart will reload & update	Enable
5	Subtotal	Textbox (Read only)			Product's subtotal price	Enable
6	Remove	Button		Click	Click to clear cart	Enable
7	Continue shopping	Button		Click	Click to go back home page	Enable

## 1.7. Check out:

**BILLING DETAILS**

First Name \*

Last Name \*

Email Address \*

Phone Number \*

Company Name

Address \*

Town/City \*  State/Province \*

Country  Postcode/Zip

United States

Order Notes

Notes about your order, e.g. special notes for delivery.

**YOUR ORDER**

Products:	
Recuerdos Plant	\$9.99
Subtotal	\$9.99
Shipping	\$3.00
Order Total	\$12.99

**PLACE ORDER**

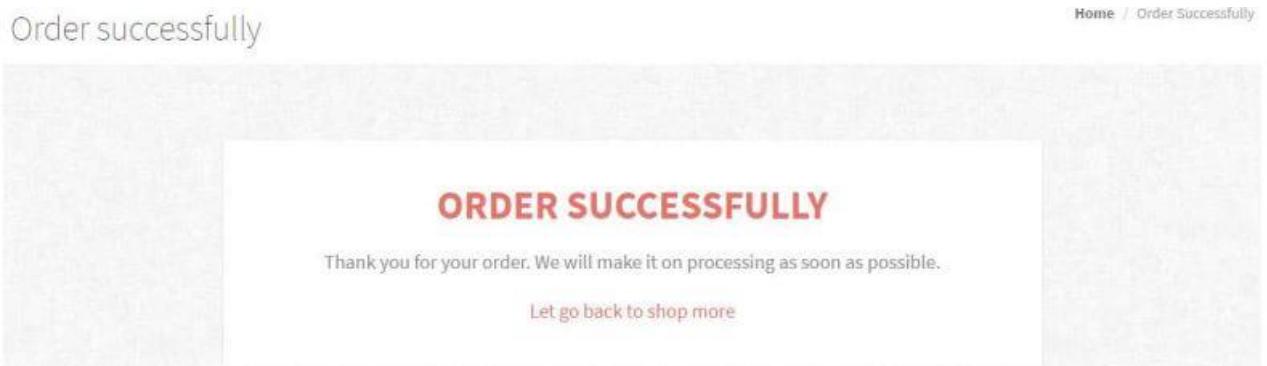
No	Name	Type	Validation	Event	Description
1	Shipping Details	Input			Input shipping information
2	Order summary	Textbox (Read only)			Order summary

## 1.8. Review Order:

Our Details		Invoice Details													
<b>1</b> Address: 590-CMT8.HCM Support: +8 0909 657 797		Invoice #1003 Date: 23-Nov-2018 <b>2</b>													
<p style="text-align: center;"><b>The Goods</b></p> <p>To provide the best to you</p> <table border="1"> <thead> <tr> <th></th> <th>Order Id</th> <th>Order date</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>3</b></td> <td>4</td> <td>23-Nov-2018</td> <td>\$2550</td> </tr> <tr> <td colspan="4">Detail: <b>5</b></td> </tr> </tbody> </table>					Order Id	Order date	Total	<b>3</b>	4	23-Nov-2018	\$2550	Detail: <b>5</b>			
	Order Id	Order date	Total												
<b>3</b>	4	23-Nov-2018	\$2550												
Detail: <b>5</b>															

No	Name	Type	Validation	Event	Description
1	Shipping Information	Text			Contain all shipping information
2	Payment Method	Text			Contain all payment information
3	Cart items	Table			Contain all cart items information

## 1.9. Order successfully:



## 1.10. Login:

**Sign In**

Email

Password

Login with [Google account](#)

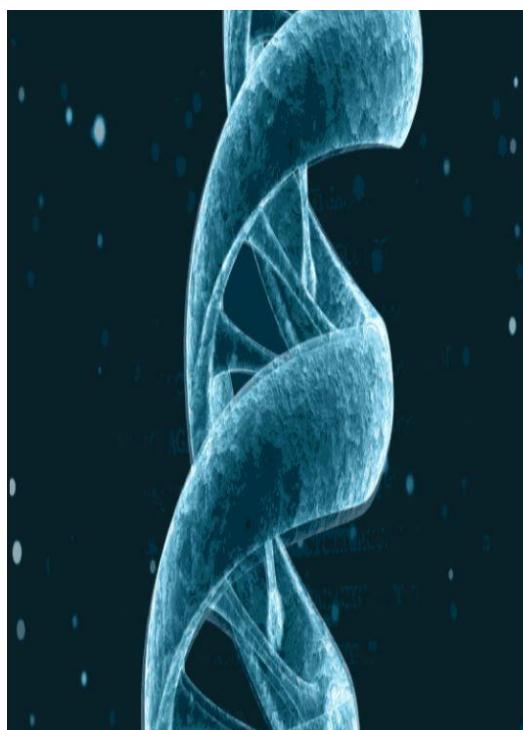
SIGN IN

[Forgot Username / Password?](#)

[Registration](#)

No	Name	Type	Validation	Event	Description
1	Email	Textbox	- not null - email format - max length: 50		Input email
2	Password	Textbox	- not null - min length: 6 - max length: 20		Input password
3	Google account	Link		Click	Login with google account
4	Sign in	Button		Click	Click to login
5	Registration	Link		Click	Click to go to registration form

## 1.11. Registration:

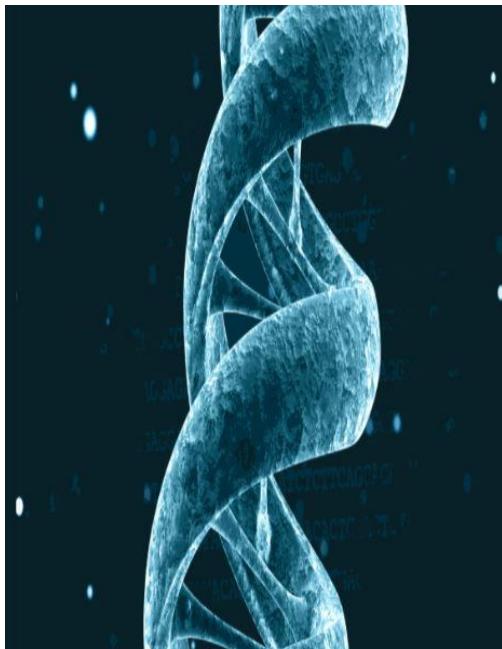


### REGISTRATION

Please fill with your details

First Name	Last Name
<input type="text"/>	<input type="text"/>
Your Email	Password
<input type="text"/>	<input type="password"/>
birthday	<input checked="" type="radio"/> Male <input type="radio"/> Female

**Forward →**



## REGISTRATION

Please fill with additional info

Address

---

City

---

Area

---

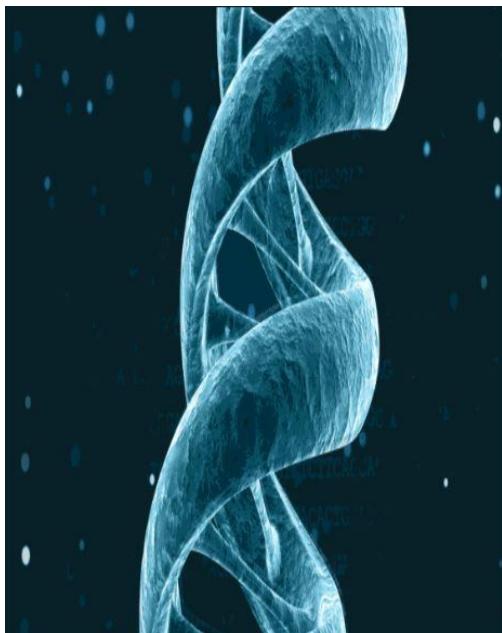
Your country

phone Number

---

← Backward

Forward →



## REGISTRATION

Send an optional message

Accept [terms and conditions](#)

← Backward

Submit ✓

No	Name	Type	Validation	Event	Description
1	First Name	Textbox	-not null -max length: 20		Input first name
2	Last Name	Textbox	-not null -max length: 20		Input last name
3	Email	Textbox	- not null - email format - max length: 50		Input email
4	Password	Textbox	- not null - min length: 6 - max length: 20		Input password
5	Birthday	Date time picker	Not null	Click	Click to choose birthday
6	Gender	Radio Button	Not null	Click	Click to choose gender
7	Forward	Button		Click	Click to go to next form
8	Address	Textbox	-not null -max length: 100		Input address

9	City	Textbox	-not null -max length: 20		Input city
10	Phone	Textbox	-not null -only numeric -max length: 15		Input phone number
11	Back	Button		Click	Click to go back previous form
12	Forward	Button		Click	Click to go to next form
13	Accept terms	Checkbox		Click	Click to accept terms & conditions
14	Back	Button		Click	Click to go back previous form
15	Submit	Button		Click	Click to submit

### 1.12. User profile:

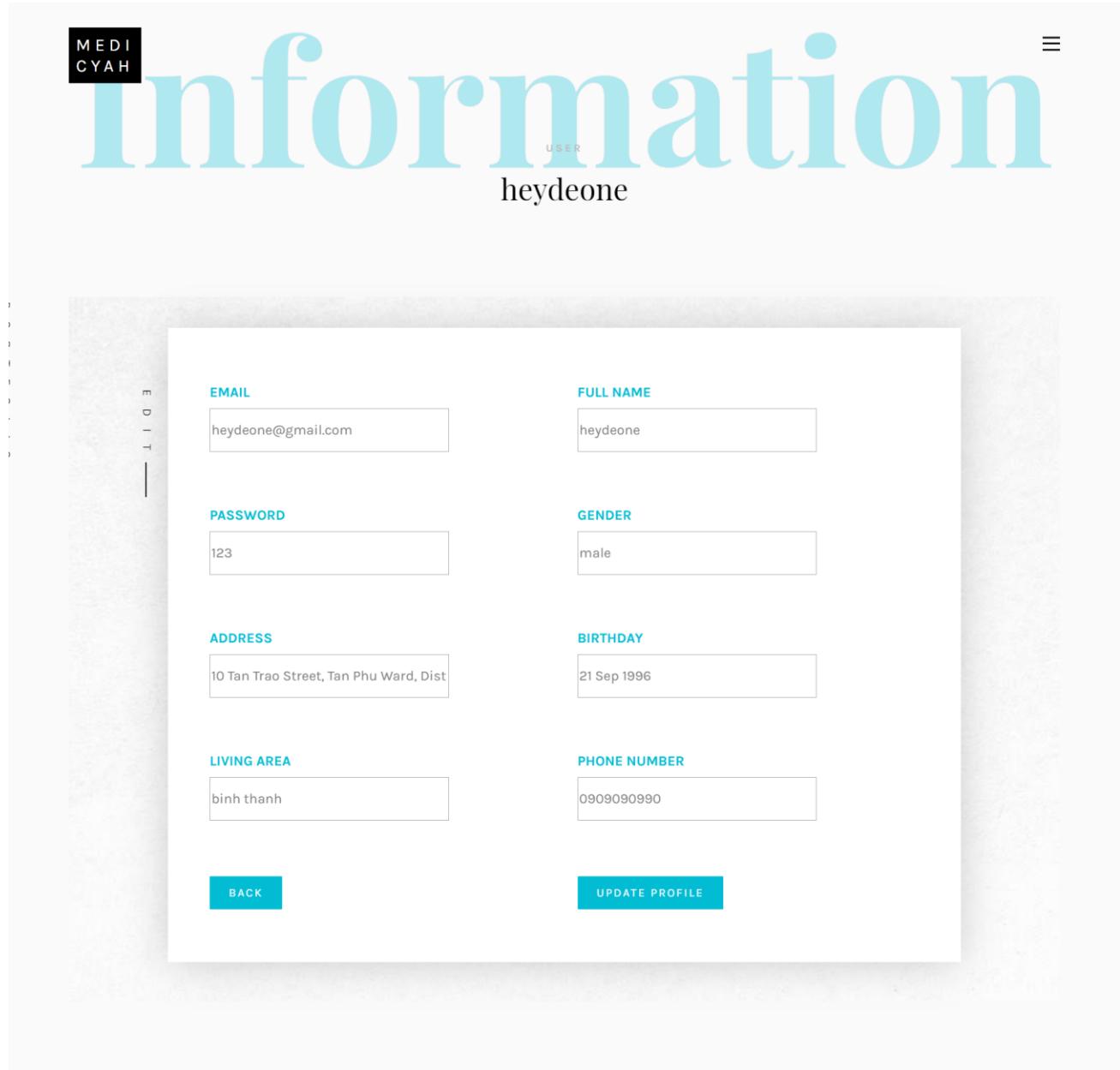


The screenshot shows a user profile page for 'heydeone' on the Medicyah platform. The page has a light gray background with a large, stylized teal title 'information' at the top. Below it, the word 'heydeone' is displayed. On the left, there's a vertical sidebar with the word 'PROFILE' written vertically. The main content area displays the following user information in a grid format:

<b>EMAIL</b>	heydeone@gmail.com	<b>FULL NAME</b>	heydeone
<b>PASSWORD</b>	123	<b>GENDER</b>	male
<b>ADDRESS</b>	10 Tan Trao Street, Tan Phu Ward, District 7	<b>BIRTHDAY</b>	21 Sep 1996
<b>LIVING AREA</b>	binh thanh	<b>PHONE NUMBER</b>	0909090990

No	Name	Type	Validation	Event	Description
1	User Information	Text			Contain all user information
2	Double Click	Link		Double Click	Double to can edit profile

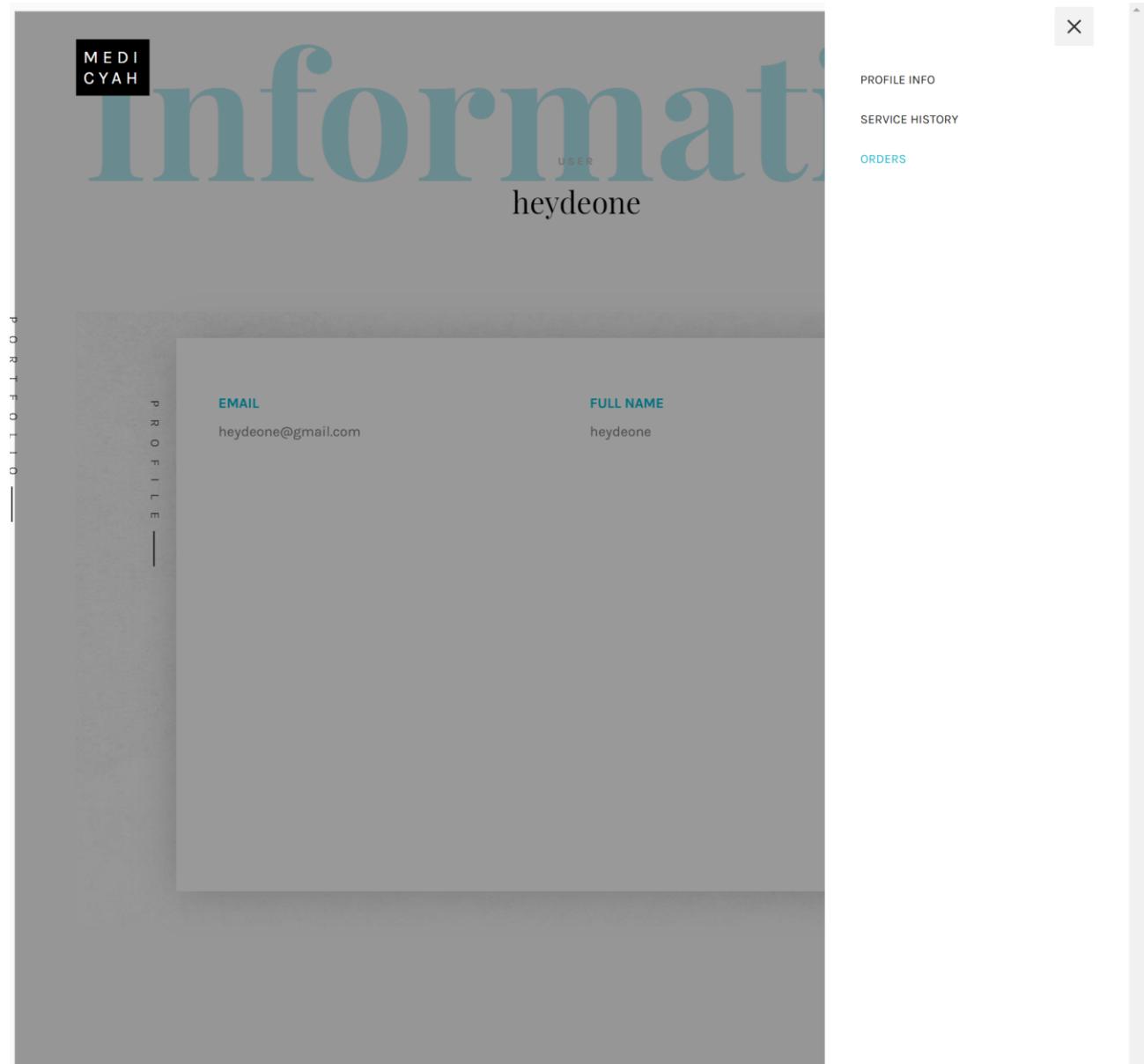
### 1.13. Edit profile:



No	Name	Type	Validation	Event	Description
1	Email	Textbox (Read only)			User email
2	Password	Textbox	- not null - min length: 6 - max length: 20		Input password
3	First Name	Textbox	-not null -max length: 20		Input first name
4	Last Name	Textbox	-not null -max length: 20		Input last name

5	Birthday	Date time picker	Not null	Click	Click to choose birthday
6	Gender	Radio Button	Not null	Click	Click to choose gender
8	Address	Textbox	-not null -max length: 100		Input address
9	City	Textbox	-not null -max length: 20		Input city
10	Phone	Textbox	-not null -only numeric -max length: 15		Input phone number
11	Submit	Button		Click	Click to edit profile

### 1.14. User profile bar:



No	Name	Type	Validation	Event	Description
----	------	------	------------	-------	-------------

1	Profile Information	Link		Click	Click to view user profile
2	Service History	Link		Click	Click to view disease diagnostic history
3	Order History	Link		Click	Click to view order history

### 1.15. Service History:

The screenshot shows a mobile application interface for a service history. At the top, it says "Service History" in large blue letters, with "USER" written vertically next to it. In the top left corner is a black square with "NOAH" in white. In the top right corner is a three-line menu icon. Below the title, there are three medical records pinned to a board with yellow pushpins. Each record has a timestamp at the bottom.

2019/05/14 02.46.46	dengue
2019/05/15 04.59.39	dengue
2019/05/18 23.59.05	dengue

2019/05/20 00.55.35	malaria
---------------------	---------

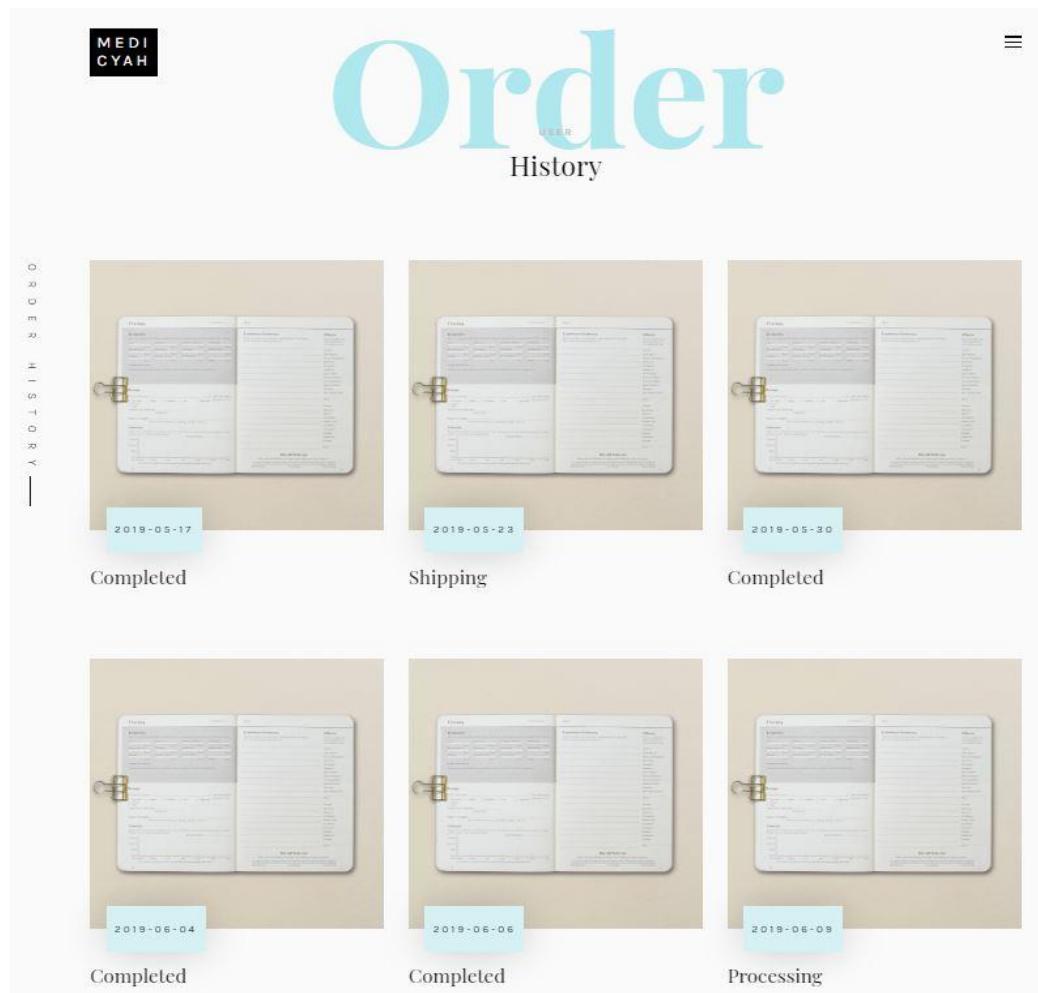
No	Name	Type	Validation	Event	Description
1	Medical record List	Link		Click	Click to view record details

### 1.16. Medical record Details:



No	Name	Type	Validation	Event	Description
1	Record Information				Contain all information of once disease diagnostic

### 1.17. Order History



No	Name	Type	Validation	Event	Description
----	------	------	------------	-------	-------------

1	Order record List	Link		Click	Click to view order details
---	-------------------	------	--	-------	-----------------------------

### 1.18. Order Details

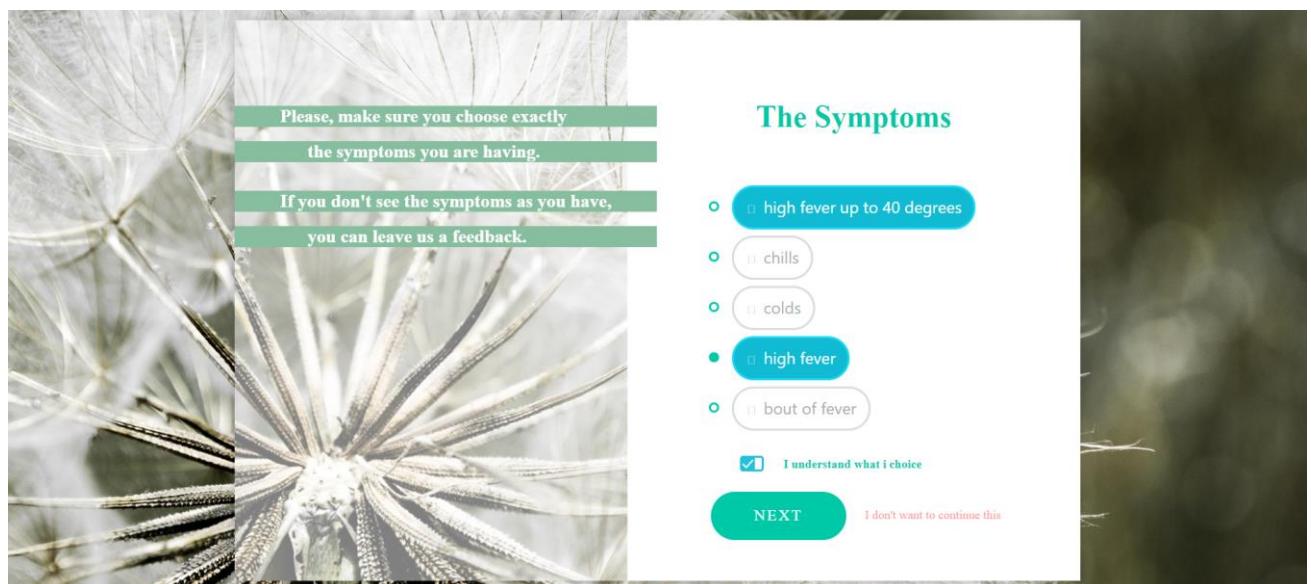
X

**RECORDS ON 2019-05-23**

O R D E R	SHIP DATE	PROCESS
	2019-05-27	Shipping
	PAYMENT METHOD	TOTAL
	Cash	700.0\$

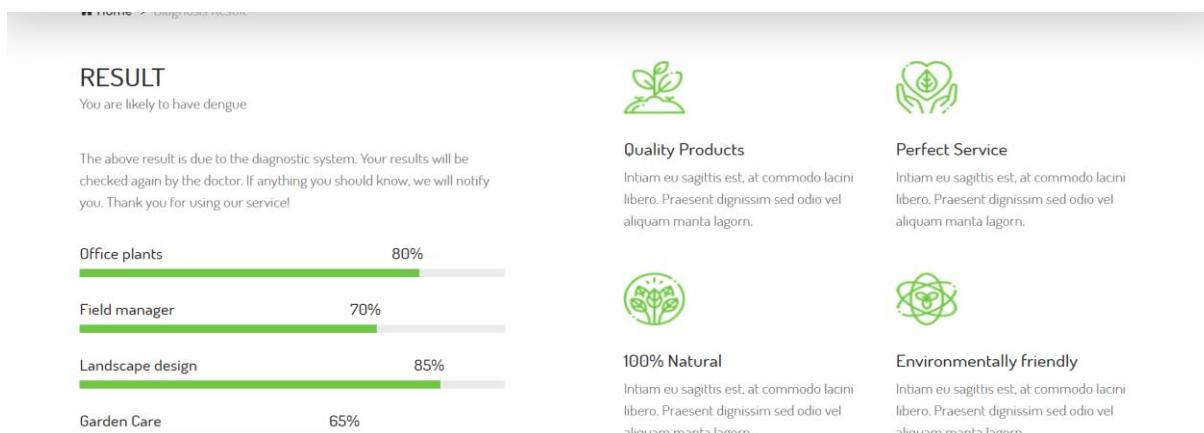
No	Name	Type	Validation	Event	Description
1	Order Information				Contain information of once order

### 1.19. Service (Disease Diagnostic)



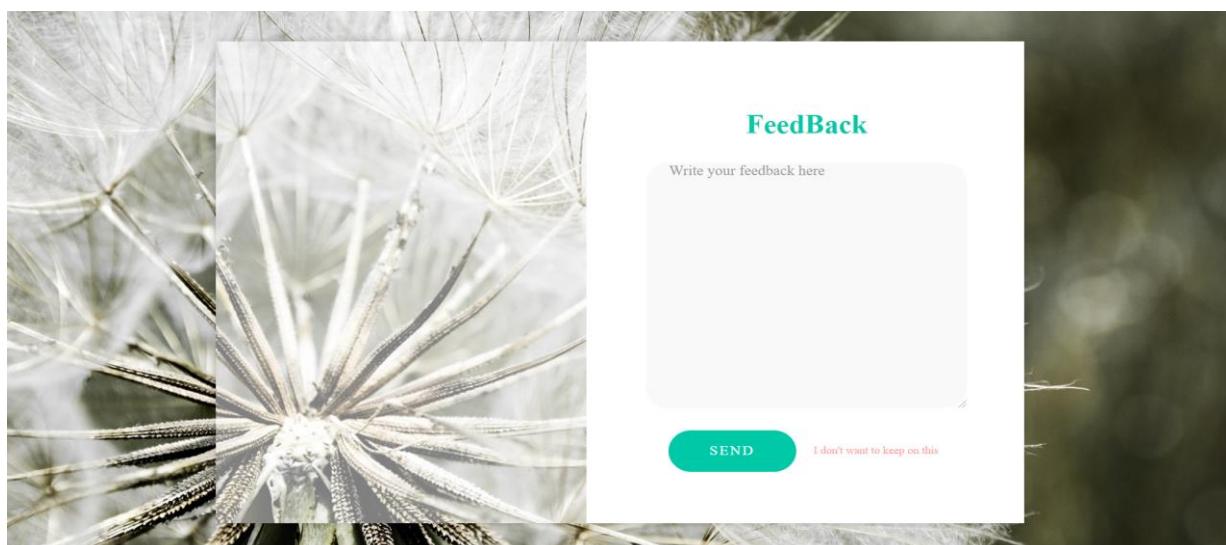
No	Name	Type	Validation	Event	Description
1	Symptoms	Checkbox		Click	Users choose the symptoms they are experiencing, if there are at least 4 of the 6 symptoms that are the same, system will give results and advice for users, otherwise, users can respond to millions. The evidence I encountered is not on the list of symptoms listed.
2	Accept	Checkbox		Click	Click to accept
3	Next	Button		Click	Click to go to the next page of symptoms until the system diagnoses the disease

## 1.20. Diagnostic system result:



No	Name	Type	Validation	Event	Description
1	Diagnostic Information				The system provides results and advice for users based on diagnostic results

## 1.21. Feedback: User can feedback for system when can't find the symptoms they are experiencing



No	Name	Type	Validation	Event	Description
1	Feedback	Text		Input	User feedback
2	Send	Button		Click	Send feedback to system

## 1.22. News page:



Admin 2 Days Conference 4 ☐

An Evidence - Based Approach to Patient Care: A Primary Care Update

Michael A. Malone, M.D. – Penn State College of Medicine

[Read more](#) ☐



Admin 3 Days Conference 4 ☐

Pediatric Emergency Medicine: Emergent and Urgent Challenges

Mark D. Joffe, M.D. – Perelman School of Medicine at the University of Pennsylvania

[Read more](#) ☐



Admin 4 Days Conference 4 ☐

Infectious Diseases in the Adult Patient: A Primary Care Update

Keith S. Kaye, M.D., M.P.H. University of Michigan Medical School

[Read more](#) ☐



Admin 2 Days Conference 4 ☐

Pediatric Infectious Diseases: A Primary Care and Hospitalist Approach

Stephen C. Eppes, M.D., F.A.A.P. – Sidney Kimmel Medical College, Thomas Jefferson University

[Read more](#) ☐



Admin 4 Days Conference 4 ☐

Primary Care: Top Topics in Geriatrics

Gary H. Oberleender, M.D., F.A.C.P – Senior Evaluations, LLC

[Read more](#) ☐



Admin 2 Days Conference 4 ☐

Radiology for the Non-Radiologist

Ryan J. Smith, M.D. Thomas Jefferson University

[Read more](#) ☐

« ⏴ ⏵ ⏶ ⏷ ⏸ ⏹ »

No	Name	Type	Validation	Event	Description
1	News List				List of news
2	Image	Image			News's image
3	Title	Textbox (Read only)			News's title
4	Short content	Textbox (Read only)			News's shortcontent
=5	Read more	Hyperlink		Click	Click to go to educational details page
6	Page Number			Click	Click to go another education page

## 1.23. News Details Page:

[Home](#) > Educational

### Pediatric Emergency Medicine: Emergent and Urgent Challenges 1

2 23-Aug-2018 / 3 Days Conference 3



Following this course, the participant should be able to formulate an appropriate differential diagnosis of the various presenting disorders; apply proper lifestabilizing measures as well as identify the lifethreatening emergencies as requiring urgent treatment and/or hospital admission; organize an approach to diagnosis and test ordering and develop a treatment plan based on current evidence as well as providing cost-effective outcomes. This activity is expected to result in improved competence in making an appropriate diagnosis and providing effective treatment and referral or follow-up care with the overall goal of improving patient outcomes. The emphasis will be on aligning physician behavior with current guidelines and evidence-based medicine, as indicated within each topic's specific objectives, with a focus on diagnosis, treatment and when to refer. There is a need to improve the competence and practice strategies in the field of Pediatric Emergency Medicine since it affects not only those in EM but even those practicing in clinical settings such as FP, GP and Pediatricians; therefore, this course was designed as an update for all practitioners at the level of a practicing physician.

#### Read more from others

Medical Seminars, Inc. has offered CME activities to improve the quality of health care delivery in undersea medicine for over 30 years. Paul Sheffield, PhD is the CME program director for Medical Seminar's CME activities. Dr. Sheffield, has served as CME program advisor and frequently as course director on many Medical Seminars programs since 1989. Dr. Paul Sheffield is President of International ATMO, Inc. which is a provider of wound care and hyperbaric medicine management, consulting, and education services, founded in 1977. The program coordinator for Medical Seminars is Suzanne Pack. In addition to coordinating programs for Medical Seminars, Inc., Suzanne is the Manager of International ATMO's Education Department and has been organizing CME activities since 1993.

"If every plant and flower were found in all places, the charm of locality would not exist. Everything varies, and that gives the interest."  
Richard Jefferies

Plant the love of the holy ones within your spirit.

With the ever-increasing popularity of recreational diving, there are greater demands on the medical community to provide medical clearance and to understand the needs of the injured diver.

Medical Seminars programs empower physicians to make informed recommendations on fitness-to-dive and to recognize and manage diving injuries.

Faculty members are experts in undersea medicine and have a personal interest in scuba diving. Academic programs meet the rigorous standards of the ACCME. Participant attendance in the classroom is required to receive AMA PRA Category 1 Credit™.

Destinations are dive-sites selected for their underwater beauty. Even with your busy schedule, our activities provide an ideal opportunity to meet CME requirements and escape to a relaxing scuba diving destination.

Search...



Together we make this planet become healthy  
From

Mark D. Joffe, M.D. – Perelman School of Medicine at the University of Pennsylvania 4

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#### RECENT POST

 An Evidence - Based Approach to Patient Care: A Primary Care Update 7

8/12/2018 12:00:00 AM

 Pediatric Emergency Medicine: Emergent and Urgent Challenges 8

8/23/2018 12:00:00 AM

 Infectious Diseases in the Adult Patient: A Primary Care Update 7

8/17/2018 12:00:00 AM

 Pediatric Infectious Diseases: A Primary Care and Hospitalist Approach 10

10/5/2018 12:00:00 AM

#### TAG CLOUD

PLANTS NEW PRODUCTS CACTUS  
DESIGN NEWS TRENDING VIDEO  
GARDEN DESIGN

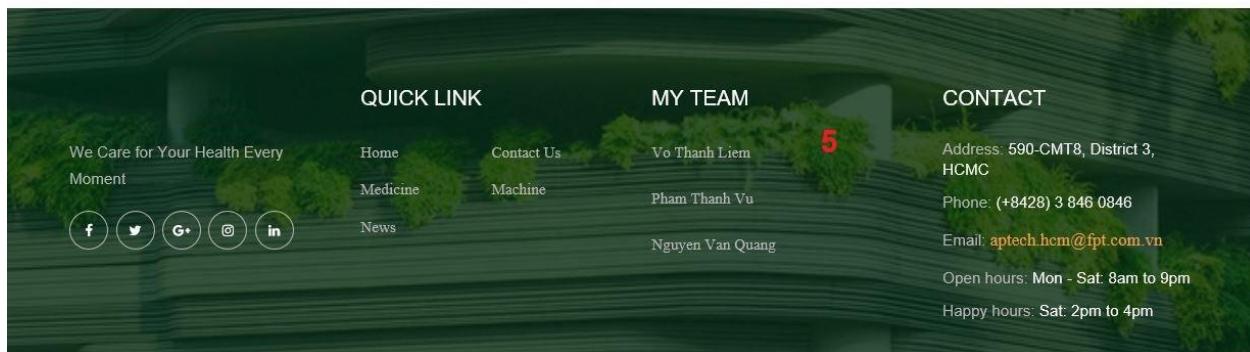
No	Name	Type	Validation	Event	Description	Status
1	Title	Textbox (Read only)			News's title	Enable
2	Date	Textbox (Read only)			News's date	Enable
4	Short Content	Textbox (Read only)			News's short content	Enable
5	Image	Image			News's image	Enable
6	Content	Textbox (Read only)			News's content	Enable
7	Some other news	Hyperlink		Click	Click to view another news	Enable

#### 1.24. Contact: Show contact information of clinic & feedback form for user

##### GET IN TOUCH

Send us a message, we will call back later

Subject	1
Content	2
<b>SEND MESSAGE</b> 3	



No	Name	Type	Validation	Event	Description	Status
1	Subject	Textbox	- Not null - Max length:50	Focus	Input feedback's subject	Enable
2	Message	Textbox	- Not null - Max length:500	Focus	Input feedback's content	Enable
3	Send Message	Button		Click	Click to send feedback	Enable
4	Map				Location of headquarters	Enable
5	Footer				Some information to contact clinic	Enable

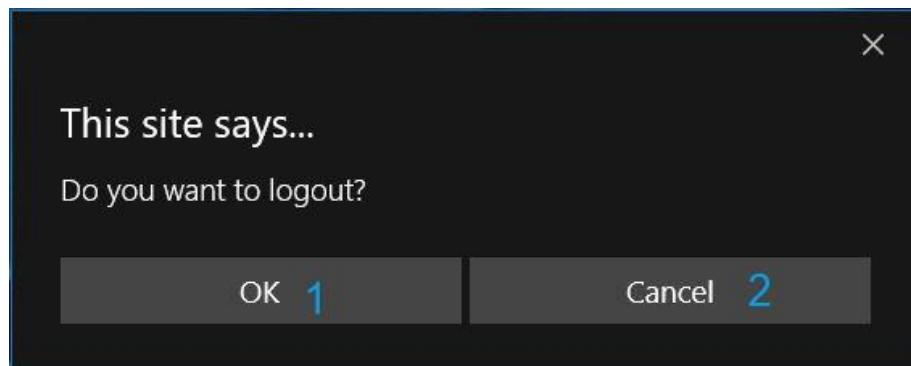
## 2. Admin Interface

**2.1. Login page:** Login form for admin (default: Email: **admin@gmail.com**, password: **123456**)

The screenshot shows a teal header bar with the text "Admin Login" and "3 times for login". Below it is a white form area. The first field is labeled "User name" with a red number "1" above it. The second field is labeled "Password" with a red number "2" above it. At the bottom is a teal button labeled "LOGIN" with a red number "3" above it.

No	Name	Type	Validation	Event	Description	Status
1	Email	Textbox	-Not null -Email format -Max length:50	Focus	Input email	Enable
2	Password	Textbox (password)	-Not null -Min length:6 -Max length:20	Focus	Input password	Enable
3	Submit	Button		Click	Click to login	Enable

**2.2. Logout:** notification will appear when admin click logout button



No	Name	Type	Validation	Event	Description	Status
1	OK	Button		Click	Click to logout	Enable
2	btnCancel	Button		Click	Click to return	Enable

### 2.3. Change password: Admin can change password here

Change Password

Old Password

New Password

Password Confirm

CHANGE BACK

No	Name	Type	Validation	Event	Description	Status
1	Old Password	Textbox (password)	-Not null -Min length:6 -Max length:20	Focus	Input old password	Enable
2	New Password	Textbox (password)	-Not null -Min length:6 -Max length:20	Focus	Input new password	Enable
3	Password Confirm	Textbox (password)	-Not null -Min length:6 -Max length:20	Focus	Input password confirm	Enable
4	Submit	Button		Click	Click to login	Enable
5	Back	Button		Click	Click to back to admin home page	Enable

### 2.4. Home Page: has navigation bar links to all manage pages

JSP Page × +

localhost:8080/Medicyah-war/AdminLogin

Dashboard

SEARCH...

MEDICYAH ADMIN

- Overview
- Disease Statistical
- Revenue Report
- Order
- Customer
- Disease
- Product
- Category
- Brand
- Manufacture

Used Space 49/50 GB

Revenue \$34,245

Fixed Issues 75

Follower +245

Daily Sales ↑ 55% increase in today sales.

Email Subscriptions Last Campaign Performance

Completed Tasks Last Campaign Performance

Tasks: BUGS WEBSITE SERVER

Employees Stats New employee on 15th September, 2016

ID Name Salary Country

Type here to search

No	Name	Type	Validation	Event	Description	Status
1	Navigation Bar	Button		Click	Click to go sub page	Enable
2	Top bar	Button		Click	Click to change admin password and view notification	Enable
3	Overview	Chart			Overview of website	

## 2.5. Customer management page: Admin can manage customer account here

### 2.5.1. Customer List: Display list of customer, admin view details or disable a customer account from here

Customer Table  
Here is customer data

1 EXPORT DATA ▾

Show 10 2 entries Search: 3

Email	Password	First Name	Last Name	City	Status	Action
hanh@gmail.com	123456	Pham	Viet Hanh	HCM	true	<button>UPDATE</button> <button>DISABLE</button>
liem@gmail.com	123456	Vo	Thanh Liem	HCM	true	<button>UPDATE 5</button> <button>DISABLE 6</button>
quang@gmail.com	123456	Nguyen	Van Quang	HCM	true	<button>UPDATE</button> <button>DISABLE</button>
vu@gmail.com	123456	Pham	Thanh Vu	HCM	true	<button>UPDATE</button> <button>DISABLE</button>

Showing 1 to 4 of 4 entries

Previous 1 Next 8 7 9

No	Name	Type	Validation	Event	Description	Status
1	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
2	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
3	Search	Textbox		Focus	Input to search customer	Enable
4	Customer List	Table			List of customer	Enable
5	Details	Button		Click	Click to go to details of an customer account page	Enable
6	Disable	Button		Click	Click to disable an customer account	Enable
7	Number of Page	Button		Click	Click number to go another page of table	Enable
8	Previous	Button		Click	Click to return 1 page of table	Enable
9	Next	Button		Click	Click to forward 1 page of table	Enable

### 2.5.2. Customer Details:

This page display details of a customer account

The screenshot shows a form titled "Customer Table" under "Customer's Details". The form includes the following fields with numbered labels:

- 1**: BACK button
- 2**: Email input field containing "hanh@gmail.com"
- 3**: Password input field containing "123456"
- 4**: First Name input field containing "Pham"
- 5**: Last Name input field containing "Viet Hanh"
- 6**: Phone Number input field containing "0967412589"
- 7**: DoB input field containing "1999-05-15"
- 8**: Living Area input field containing "Tan Binh"
- 9**: City input field containing "HCM"
- 10**: Status checkbox labeled "Enabled" (checked)

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to customer table page	Enable
2	Email	Textbox (Read only)			Customer email	Disabled
3	Password	Textbox (Read only)			Customer password	Disabled
4	First name	Textbox (Read only)			Customer first name	Disabled
5	Last Name	Textbox (Read only)			Customer last name	Disabled
6	Phone Number	Textbox (Read only)			Customer phone number	Disabled
7	DoB	Textbox (Read only)			Customer birthday	Disabled
8	Living Area	Textbox (Read only)			Customer living area	Disabled
9	City	Textbox (Read only)			Customer city	Disabled
10	Status	Checkbox (Read only)			Customer status	Disabled

**2.6. Category Management Page:** Admin can manage category here

**2.6.1. Category List:** Display list of category, admin can create, view details, edit or delete a category from here

The screenshot shows a web-based application interface for managing categories. At the top left is a purple header bar with the text "Category Table" and "Here is category data". On the right side of the header are three icons: a gear, a magnifying glass, and a red square with a white gear. Below the header is a toolbar with a "CREATE" button (labeled 1), a red "EXPORT DATA" button (labeled 2), and a search input field (labeled 4). The main area contains a table with the following columns: Category ID, Category Name, Description, Status, and Action. The table has five rows of data:

Category ID	Category Name	Description	Status	Action
CA001	Kid's Health	not	true	<button>UPDATE</button> <button>DELETE</button>
CA002	Lady Care	not	true	<button>UPDATE</button> <button>DELETE</button>
CA003	Functional Foods	5	true	<button>UPDATE</button> <button>DELETE</button>
CA004	Personal Care	not	true	<button>UPDATE</button> <button>DELETE</button>
CA005	Support Treatment	not	true	<button>UPDATE</button> <button>DELETE</button>

At the bottom of the table, it says "Showing 1 to 5 of 5 entries". To the right of the table are navigation buttons: "Previous" (labeled 9), "1" (highlighted in black), and "Next" (labeled 10).

No	Name	Type	Validation	Event	Description	Status
1	Add New Category	Hyperlink		Click	Click to go to create category page	Enable
2	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
3	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
4	Search	Textbox			Input to search category	Enable
5	Category List	Table			List of category	Enable
6	Details	Button		Click	Click to go to details of a category page	Enable
7	Delete	Button		Click	Click to delete a category	Enable
8	Number of Page	Button		Click	Click number to go another page of table	Enable
9	Previous	Button		Click	Click to return 1 page of table	Enable
10	Next	Button		Click	Click to forward 1 page of table	Enable

### 2.6.2. Add new Category: Create category form for admin

Category Table

Create new Category

BACK 1

Category ID 2

Category Name 3

Description 4

Status

Enabled:  Disabled:  5

INSERT 6

RESET 7

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to category table page	Enable
2	Category ID	Textbox	- Not null - Max length:20	Focus	Input category id	Enable
3	Name	Textbox	- Not null - Max length:50	Focus	Input category name	Enable
4	Description	Textbox	- Not null - Max length:1000	Focus	Input category description	Enable
5	Status	Radio Button	Not null	Click	Click to choose category status	Enable
6	Insert	Button		Click	Click to insert new category	Enable
7	Reset	Button		Click	Click to reset all input field	Enable

**2.6.3. Edit a Category:** admin can view details and edit a category from here.

The screenshot shows a mobile application interface for editing a category. At the top, a purple header bar displays "Category Table" and "Edit Category". Below the header is a grey navigation bar with a "BACK" button on the left and a red number "1" in the center. The main content area contains the following fields:

- Category ID:** A text input field containing "CA001" (labeled 2).
- Category Name:** A text input field containing "Kid's Health" (labeled 3).
- Description:** A text input field containing "not" (labeled 4).
- Status:** A radio button group with two options: "Enabled" (selected) and "Disabled" (labeled 5).

At the bottom are two buttons: a green "UPDATE" button (labeled 6) and a red "RESET" button (labeled 7).

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to category table page	Enable
2	Category ID	Textbox (Read only)		Focus	Category id	Disable
3	Name	Textbox	- Not null - Max length:50	Focus	Input category name	Enable
4	Description	Textbox	- Not null - Max length:1000	Focus	Input category description	Enable
5	Status	Radio Button	Not null	Click	Click to choose category status	Enable
6	Update	Button		Click	Click to insert new category	Enable
7	Reset	Button		Click	Click to reset all input field	Enable

## 2.7. Brand Management Page: Admin can manage brand here

**2.7.1. Brand List:** Display list of brand, admin can create, view details, edit or delete a brand from here

The screenshot shows a web-based application interface for managing brands. At the top left, it says "Brand Table" and "Here is brand data". On the right, there are buttons for "CREATE" (1), "EXPORT DATA" (2), and a gear icon. Below this is a search bar labeled "Search: 4". The main area is a table with the following data:

Brand ID	Brand Name	Description	Status	Action
BR001	Sadaco Pharma	not	true	UPDATE DELETE
BR002	Hadaco Pharma	not	true	UPDATE DELETE
BR003	Fito Pharma	5	true	UPDATE 6 DELETE 7
BR004	Sandoz Pharma	not	true	UPDATE DELETE
BR005	Pfizer Pharma	not	true	UPDATE DELETE

At the bottom, it says "Showing 1 to 5 of 5 entries" and has navigation buttons for "Previous 9 8 10 Next".

No	Name	Type	Validation	Event	Description	Status
1	Add New Brand	Hyperlink		Click	Click to go to create brand page	Enable
2	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
3	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
4	Search	Textbox			Input to search brand	Enable
5	Brand List	Table			List of brand	Enable
6	Details	Button		Click	Click to go to details of a brand page	Enable
7	Delete	Button		Click	Click to delete a brand	Enable
8	Number of Page	Button		Click	Click number to go another page of table	Enable
9	Previous	Button		Click	Click to return 1 page of table	Enable
10	Next	Button		Click	Click to forward 1 page of table	Enable

### 2.7.2. Add new Brand: Create brand form for admin

Brand Table

Create new Brand

BACK 1

Brand ID 2

Brand Name 3

Description 4

Status 5

Enabled:  Disabled:  5

INSERT 6    RESET 7

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to brand table page	Enable
2	Brand ID	Textbox	- Not null - Max length:20	Focus	Input brand id	Enable
3	Name	Textbox	- Not null - Max length:50	Focus	Input brand name	Enable
4	Description	Textbox	- Not null - Max length:1000	Focus	Input brand description	Enable
5	Status	Radio Button	Not null	Click	Click to choose brand status	Enable
6	Insert	Button		Click	Click to insert new brand	Enable
7	Reset	Button		Click	Click to reset all input field	Enable

### 2.7.3. Edit a Brand: admin can view details and edit a brand from here.

The screenshot shows a mobile application interface for editing a brand. At the top, there's a purple header bar with the title "Brand Table" and a button labeled "Edit Brand". Below the header, a "BACK" button is on the left, and a red number "1" is placed next to it. The main content area has several input fields and controls:

- Brand ID:** A text input field containing "BR001" with a red number "2" next to it.
- Brand Name:** A text input field containing "Sadaco Pharma" with a red number "3" next to it.
- Description:** A text input field containing "not" with a red number "4" next to it.
- Status:** A radio button group where the first option ("Enabled") is selected, indicated by a red number "5".
- Buttons:** At the bottom are two buttons: a green "UPDATE" button with a red number "6" below it, and a red "RESET" button with a red number "7" below it.

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to brand table page	Enable
2	Brand ID	Textbox (Read only)		Focus	Brand id	Disable
3	Name	Textbox	- Not null - Max length:50	Focus	Input brand name	Enable
4	Description	Textbox	- Not null - Max length:1000	Focus	Input brand description	Enable
5	Status	Radio Button	Not null	Click	Click to choose brand status	Enable
6	Update	Button		Click	Click to update a brand	Enable
7	Reset	Button		Click	Click to reset all input field	Enable

## 2.8. Manufacture Management Page: Admin can manage manufacture here

**2.8.1. Manufacture List:** Display list of manufacture, admin can create, view details, edit or delete a manufacture from here

Manufacture Table Here is manufacture data						
<b>CREATE</b>		<b>1</b>				<b>2</b>
Show: 10		<b>3</b>	entries	Search:		<b>4</b>
Manufacture ID	Manufacture Name	Description	Status	Action		
MA001	HCM - Vietnam	not	true	<b>UPDATE</b>	<b>DELETE</b>	
MA002	Hanoi - Vietnam	not	true	<b>UPDATE</b>	<b>DELETE</b>	
MA003	London - England	<b>5</b>	not	<b>UPDATE</b>	<b>DELETE</b>	<b>6</b> <b>7</b>
MA004	Munich - Germany	not	true	<b>UPDATE</b>	<b>DELETE</b>	
MA005	New York - America	not	true	<b>UPDATE</b>	<b>DELETE</b>	

Showing 1 to 5 of 5 entries

Previous **1** Next

**9** **8** **10**

No	Name	Type	Validation	Event	Description	Status
1	Add New Manufacture	Hyperlink		Click	Click to go to create manufacture page	Enable
2	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
3	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
4	Search	Textbox			Input to search manufacture	Enable
5	Manufacture List	Table			List of manufacture	Enable
6	Details	Button		Click	Click to go to details of a manufacture page	Enable
7	Delete	Button		Click	Click to delete a manufacture	Enable
8	Number of Page	Button		Click	Click number to go another page of table	Enable
9	Previous	Button		Click	Click to return 1 page of table	Enable
10	Next	Button		Click	Click to forward 1 page of table	Enable

### 2.8.2. Add new Manufacture: Create manufacture form for admin

The screenshot shows a mobile application interface for creating a new manufacturer. At the top, there is a purple header bar with the text "Manufacture Table" and "Create new Manufacture". Below the header, there is a "BACK" button on the left and a red number "1" indicating the current step. The main form area contains the following fields:

- Manufacture ID**: A text input field with a red number "2" above it.
- Manufacture Name**: A text input field with a red number "3" above it.
- Description**: A text input field with a red number "4" above it.
- Status**: A section with radio buttons for "Enabled" and "Disabled", with a red number "5" next to the "Disabled" option.

At the bottom of the form are two buttons: a green "INSERT" button with a red number "6" below it, and a red "RESET" button with a red number "7" below it.

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to manufacture table page	Enable
2	Manufacture ID	Textbox	- Not null - Max length:20	Focus	Input manufacture id	Enable
3	Name	Textbox	- Not null - Max length:50	Focus	Input manufacture name	Enable
4	Description	Textbox	- Not null - Max length:1000	Focus	Input manufacture description	Enable
5	Status	Radio Button	Not null	Click	Click to choose manufacture status	Enable
6	Insert	Button		Click	Click to insert new manufacture	Enable
7	Reset	Button		Click	Click to reset all input field	Enable

**2.8.3. Edit a Manufacture:** admin can view details and edit a manufacture from here.

The screenshot shows a mobile application interface for editing a manufacturer. At the top, it says "Manufacture Table" and "Edit Manufacture". A "BACK" button is on the left. The main area has the following fields:

- Manufacture ID:** MA001 (labeled 2)
- Manufacture Name:** HCM - Vietnam (labeled 3)
- Description:** not (labeled 4)
- Status:** Enabled (radio button selected) (labeled 5)

At the bottom are two buttons: a green "UPDATE" button (labeled 6) and a red "RESET" button (labeled 7).

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to manufacture table page	Enable
2	Manufacture ID	Textbox (Read only)		Focus	Manufacture id	Disable
3	Name	Textbox	- Not null - Max length:50	Focus	Input manufacture name	Enable
4	Description	Textbox	- Not null - Max length:1000	Focus	Input manufacture description	Enable
5	Status	Radio Button	Not null	Click	Click to choose manufacture status	Enable
6	Update	Button		Click	Click to update a manufacture	Enable
7	Reset	Button		Click	Click to reset all input field	Enable

## 2.9. Product Management Page: Admin can manage product here

**2.9.1. Product List:** Display list of product, admin can create, view details, edit or delete a product from here

The screenshot shows a web-based application for managing products. At the top left, there's a purple header bar with the text "Product Table" and "Here is product data". Below this is a toolbar with a "CREATE" button (labeled 1), an "EXPORT DATA" button (labeled 2), and a gear icon. The main area contains a table with the following columns: Product ID, Product Name, Brand, Category, Manufacture, Price, Image, Status, and Action. The table has four rows of data, each with a "UPDATE" button (labeled 6) and a "DELETE" button (labeled 7). Red numbers 3, 4, 5, and 6 are overlaid on the interface to indicate specific UI elements.

Product ID	Product Name	Brand	Category	Manufacture	Price	Image	Status	Action
PR001	Tylenol	Sadaco Pharma	Kid's Health	HCM - Vietnam	50.0		true	<button>UPDATE</button> <button>DELETE</button>
PR002	Sudafed	Hadaco Pharma	Lady Care	Hanoi - Vietnam	60.0		true	<button>UPDATE</button> <button>DELETE</button>
PR003	Advil	Fito Pharma	Functional Foods	London - England	60.0		true	<button>UPDATE</button> <button>DELETE</button>
PR004	Benadryl	Sandoz Pharma	Personal Care	Munich - Germany	40.0		true	<button>UPDATE</button> <button>DELETE</button>

No	Name	Type	Validation	Event	Description	Status
1	Add New Product	Hyperlink		Click	Click to go to create product page	Enable
2	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
3	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
4	Search	Textbox			Input to search product	Enable
5	Product List	Table			List of product	Enable
6	Details	Button		Click	Click to go to details of a product page	Enable
7	Delete	Button		Click	Click to delete a product	Enable

## 2.9.2. Add new Product: Create product form for admin

The screenshot shows a 'Create new Product' form with various input fields and controls. The fields are labeled with red numbers 1 through 15:

- 1: BACK button
- 2: Product ID field
- 3: Select Category dropdown
- 4: Select Brand dropdown
- 5: Select Manufacture dropdown
- 6: Product Name field
- 7: Price field
- 8: Quantity field
- 9: Ingredients field
- 10: Uses field
- 11: Manual field
- 12: Treated Disease field
- 13: Choose File button
- 14: INSERT button
- 15: RESET button

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to product table page	Enable
2	Product ID	Textbox	-Not null -Max length: 20	Focus	Input product id	Enable
3	Category	Dropdown List	Not null	Click	Choose category	Enable
4	Brand	Dropdown List	Not null	Click	Choose brand	Enable
5	Manufacture	Dropdown List	Not null	Click	Choose manufacture	
6	Product Name	Textbox	-Not null -Max length: 50	Focus	Input product name	
7	Price	Textbox	-Not null, > 0	Focus	Input product price	
8	Quantity	Textbox	-Not null, > 0	Focus	Input product quantity	
9	Ingredients	Textbox	-Not null -Max length: 500	Focus	Input product ingredients	
10	Uses	Textbox	-Not null -Max length: 500	Focus	Input product uses	
11	Manual	Textbox	-Not null -Max length: 2000	Focus	Input product manual	
12	Treated Disease	Textbox	-Not null -Max length: 50	Focus	Input treated disease	
13	Image	File	Not null	Click	Choose product image	
14	Insert	Button		Click	Click to insert new product	Enable
15	Reset	Button		Click	Click to reset all input field	Enable

### 2.9.3. Edit a Product: admin can view details and edit a product from here.

Product Table

Edit Product

BACK 1

Product ID 2 PR001

Category 3 Kid's Health

Brand 4 Sadaco Pharma

Manufacture 5 HCM - Vietnam

Product Name 6 Tylenol

Price 7 50.0

Quantity 25 8

Ingredients 9 Paracetamol

Uses 10 It can help relieve tension headaches, back pain and more so you can get back to what's important.

Manual 11 2 table per day or based on doctor manual

Treated Disease 12 not now

Image Choose File No file chosen 13

Status Enabled 14

UPDATE 15 RESET 16

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to product table page	Enable
2	Product ID	Textbox	-Not null -Max length: 20	Focus	Input product id	Disable
3	Category	Dropdown List	Not null	Click	Choose category	Enable
4	Brand	Dropdown List	Not null	Click	Choose brand	Enable
5	Manufacture	Dropdown List	Not null	Click	Choose manufacture	Enable
6	Product Name	Textbox	-Not null -Max length: 50	Focus	Input product name	Enable
7	Price	Textbox	-Not null, > 0	Focus	Input product price	Enable
8	Quantity	Textbox	-Not null, > 0	Focus	Input product quantity	Enable
9	Ingredients	Textbox	-Not null -Max length: 500	Focus	Input product ingredients	Enable
10	Uses	Textbox	-Not null -Max length: 500	Focus	Input product uses	Enable
11	Manual	Textbox	-Not null -Max length: 2000	Focus	Input product manual	Enable
12	Treated Disease	Textbox	-Not null -Max length: 50	Focus	Input treated disease	Enable
13	Image	File	Not null	Click	Choose product image	Enable
14	Status	Checkbox	Not null	Click	Choose product status	Enable

15	Insert	Button		Click	Click to insert new product	Enable
16	Reset	Button		Click	Click to reset all input field	Enable

## 2.10. News Management Page: Admin can manage news here

### 2.10.1. News List: Display list of news, admin can create, view details, edit or delete a news from here

The screenshot shows a web-based application for managing news. At the top, there's a purple header bar with the text "News Table" and "Here is news data". Below it is a toolbar with a "CREATE" button (1), an "EXPORT DATA" button (2), and a search bar (4). The main area displays a table of news entries (3) with the following data:

News ID	Title	Short Content	Image	Status	Action
NE001	An Evidence - Based Approach to Patient Care	Michael A. Malone, M.D. – Penn State College of Medicine		true	<span>UPDATE</span> <span>DELETE</span>
NE002	Pediatric Emergency Medicine	Mark D. Joffe, M.D. – Perelman School of Medicine at the University of Pennsylvania		true	<span>UPDATE</span> <span>DELETE</span>
NE003	Infectious Diseases in the Adult Patient	Keith S. Kaye, M.D., M.P.H. – University of Michigan Medical School		true	<span>UPDATE</span> <span>DELETE</span>

No	Name	Type	Validation	Event	Description	Status
1	Add New News	Hyperlink		Click	Click to go to create news page	Enable
2	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
3	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
4	Search	Textbox			Input to search news	Enable
5	News List	Table			List of news	Enable
6	Details	Button		Click	Click to go to details of a news page	Enable
7	Delete	Button		Click	Click to delete a news	Enable

### 2.10.2. Add new News: Create news form for admin

News Table

Create new News

BACK 1

News ID 2

Title 3

Short Content 4

Content 5

Created Date

mm/dd/yyyy 6

Image 7

Status

Enabled:  Disabled:  8

**INSERT** 9    **RESET** 10

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to news table page	Enable
2	News ID	Textbox	- Not null - Max length:20	Focus	Input news id	Enable
3	Title	Textbox	- Not null - Max length:50	Focus	Input news title	Enable
4	Short Content	Textbox	- Not null - Max length:200	Focus	Input news short content	Enable
5	Content	Textbox	- Not null - Max length:2000	Focus	Input news content	Enable
6	Created Date	Textbox	Not null	Click	Input news date	Enable
7	Image	File	Not null	Click	Choose news image	Enable
8	Status	Radio Button	Not null	Click	Click to choose news status	Enable

9	Insert	Button		Click	Click to insert new news	Enable
10	Reset	Button		Click	Click to reset all input field	Enable

### 2.10.3. Edit a News: admin can view details and edit a news from here.

News Table

Edit News

BACK 1

News ID 2

Title 3

An Evidence - Based Approach to Patient Care

Short Content 4

Michael A. Malone, M.D. – Penn State College of Medicine

Content 5

Following this course, the participant should be able to appraise the etiologies and the clinical presentations of the commonly seen disorders presented; indicate

Create Date 6

05/21/2019

Image 7

Status

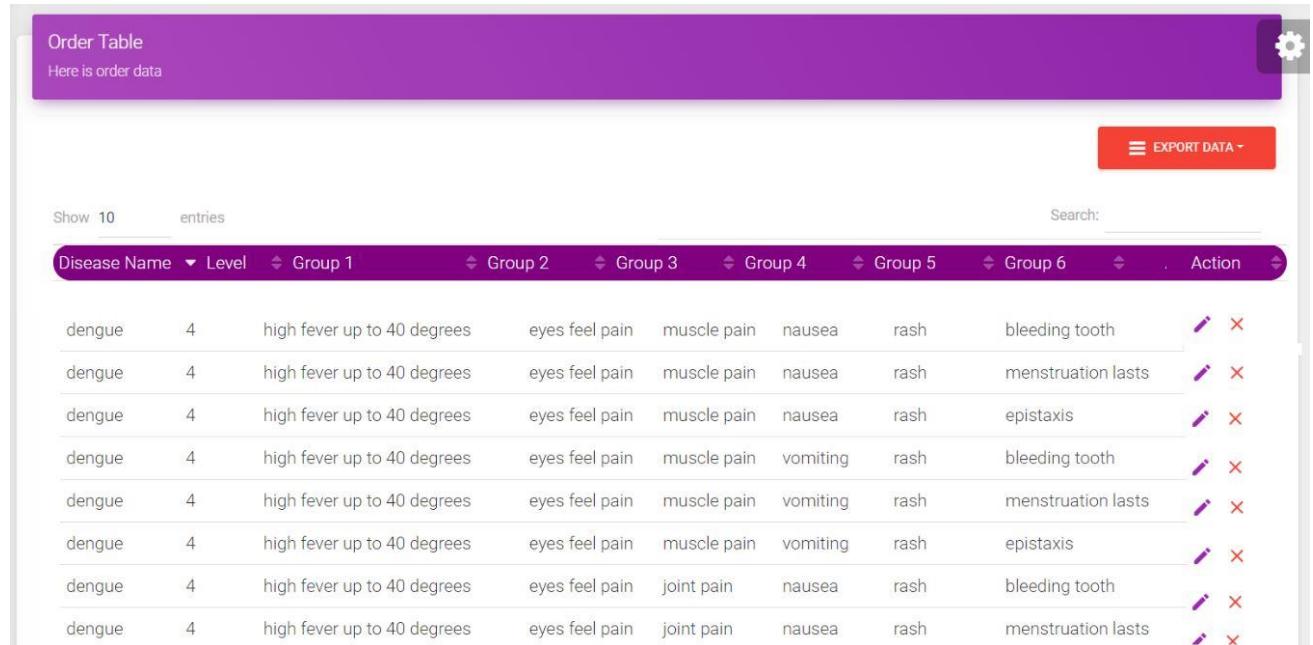
Enabled  Disabled 8

UPDATE 9    RESET 10

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Back to news table page	Enable
2	News ID	Textbox (Read only)	- Not null - Max length:20	Focus	News id	Disabled
3	Title	Textbox	- Not null - Max length:50	Focus	Input news title	Enable
4	Short Content	Textbox	- Not null - Max length:200	Focus	Input news short content	Enable
5	Content	Textbox	- Not null - Max length:2000	Focus	Input news content	Enable
6	Created Date	Textbox	Not null	Click	Input news date	Enable
7	Image	File	Not null	Click	Choose news image	Enable
8	Status	Radio Button	Not null	Click	Click to choose news status	Enable
9	Update	Button		Click	Click to update a news	Enable
10	Reset	Button		Click	Click to reset all input field	Enable

## 2.11. Disease Management Page: Admin can manage disease here

### 2.11.1. Disease List: Display list of disease, admin can create, view details, edit or delete a disease from here



The screenshot shows a web-based application interface for managing diseases. At the top, there's a purple header bar with the text "Order Table" and "Here is order data". On the right side of the header is a gear icon. Below the header is a red button labeled "EXPORT DATA". The main area contains a table with the following columns: Disease Name, Level, Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, and Action. The table lists eight entries, all of which are "dengue" at Level 4. Each row has edit and delete icons in the "Action" column.

Disease Name	Level	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Action
dengue	4	high fever up to 40 degrees	eyes feel pain	muscle pain	nausea	rash	bleeding tooth	 
dengue	4	high fever up to 40 degrees	eyes feel pain	muscle pain	nausea	rash	menstruation lasts	 
dengue	4	high fever up to 40 degrees	eyes feel pain	muscle pain	nausea	rash	epistaxis	 
dengue	4	high fever up to 40 degrees	eyes feel pain	muscle pain	vomiting	rash	bleeding tooth	 
dengue	4	high fever up to 40 degrees	eyes feel pain	muscle pain	vomiting	rash	menstruation lasts	 
dengue	4	high fever up to 40 degrees	eyes feel pain	muscle pain	vomiting	rash	epistaxis	 
dengue	4	high fever up to 40 degrees	eyes feel pain	joint pain	nausea	rash	bleeding tooth	 
dengue	4	high fever up to 40 degrees	eyes feel pain	joint pain	nausea	rash	menstruation lasts	 

No	Name	Type	Validation	Event	Description	Status
1	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
2	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable
3	Search	Textbox			Input to search disease	Enable
4	Disease List	Table			List of disease	Enable
5	Details	Button		Click	Click to go to details of a disease page	Enable
6	Delete	Button		Click	Click to delete a disease	Enable

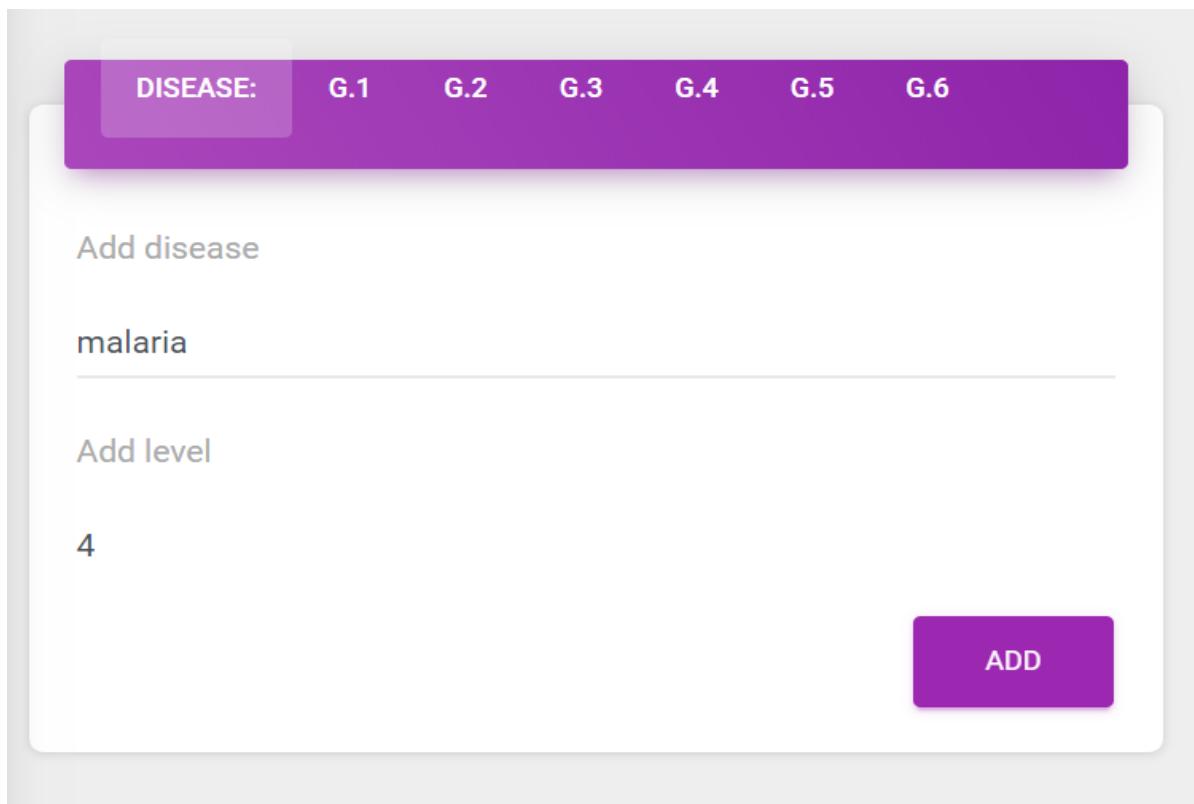
**2.11.2. Add new Disease & Edit a Disease:** Create disease & edit disease form for admin

DISEASE: G.1 G.2 G.3 G.4 G.5 G.6

Add disease  
malaria

Add level  
4

ADD

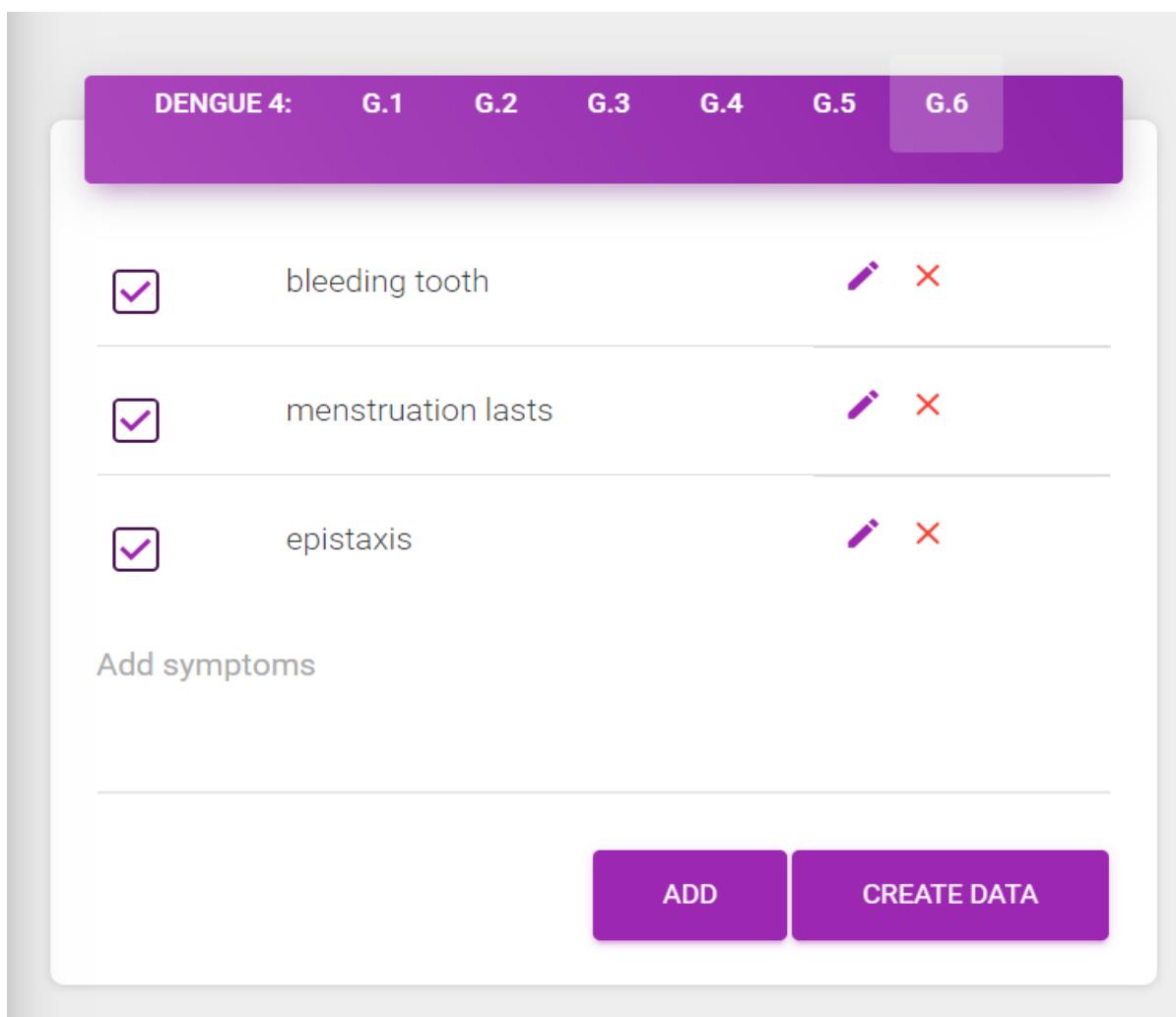


DENGUE 4: G.1 G.2 G.3 G.4 G.5 G.6

<input checked="" type="checkbox"/>	bleeding tooth		
<input checked="" type="checkbox"/>	menstruation lasts		
<input checked="" type="checkbox"/>	epistaxis		

Add symptoms

ADD CREATE DATA



No	Name	Type	Validation	Event	Description	Status
1	Add Disease	Textbox	- Not null - Max length:50	Focus	Input disease name	Enable
2	Add Level	Textbox	- Not null - >0	Focus	Input disease level	Enable
3	Add	Button		Click	Click to go second form	Enable
4	G1 ~ G6	Link		Click	Choose group to add symptoms	Enable
5	Checkbox	Checkbox	Not null	Click	Click to choose symptoms of each group	Enable
6	Edit	Button		Click	Click to edit each symptoms	Enable
7	Delete	Button		Click	Click to delete a symptom	Enable
8	Add symptom	Textbox		Focus	Input new symptoms if that group hasn't which symptoms	Enable
9	Add	Button		Click	Click to add new symptoms to that group	Enable
10	Add Data	Button		Click	Click to completely insert a disease	Enable

## 2.12. Order Management Page: Admin can manage order here

### 2.12.1. Order List: Display list of order, admin can view details, change process or disable an order from here

The screenshot shows a table titled "Order Table" with the sub-instruction "Here is order data". The table has 7 columns: Order Date, Customer, Total, Process, Status, and Action. The Action column contains three buttons: DETAILS, CHANGE PROCESS, and DISABLE. The table has 7 rows of data. Row 1: Order Date 2019-05-15, Customer Thanh Liem, Total 300.0, Process Completed, Status true, Action (DETAILS, CHANGE PROCESS, DISABLE). Row 2: Order Date 2019-05-16, Customer Van Quang, Total 500.0, Process Completed, Status true, Action (DETAILS, CHANGE PROCESS, DISABLE). Row 3: Order Date 2019-05-17, Customer Thanh Vu, Total 650.0, Process Completed, Status true, Action (DETAILS, CHANGE PROCESS, DISABLE). Row 4: Order Date 2019-05-18, Customer Viet Hanh, Total 450.0, Process Completed, Status true, Action (DETAILS, CHANGE PROCESS, DISABLE). Row 5: Order Date 2019-05-19, Customer Thanh Liem, Total 900.0, Process Shipping, Status true, Action (DETAILS, CHANGE PROCESS, DISABLE). Row 6: Order Date 2019-05-20, Customer Van Quang, Total 400.0, Process Shipping, Status true, Action (DETAILS, CHANGE PROCESS, DISABLE).

Order Table							
Here is order data							
1	EXPORT DATA	2	3	4	5	6	7
Show 10 entries	Search:	4	5	6	7		
Order Date	Customer	Total	Process	Status	Action		
2019-05-15	Thanh Liem	300.0	Completed	true	DETAILS	CHANGE PROCESS	DISABLE
2019-05-16	Van Quang	500.0	Completed	true	DETAILS	CHANGE PROCESS	DISABLE
2019-05-17	Thanh Vu	650.0	Completed	true	DETAILS	CHANGE PROCESS	DISABLE
2019-05-18	Viet Hanh	450.0	Completed	true	DETAILS	CHANGE PROCESS	DISABLE
2019-05-19	Thanh Liem	900.0	Shipping	true	DETAILS	CHANGE PROCESS	DISABLE
2019-05-20	Van Quang	400.0	Shipping	true	DETAILS	CHANGE PROCESS	DISABLE

No	Name	Type	Validation	Event	Description	Status
1	Export Data	Button		Click	Click to export table data to pdf or excel file	Enable
2	Number of entries per page	Dropdown list		click	Click to choose number entries per one page	Enable

3	Search	Textbox		Focus	Input to search order	Enable
4	Order List	Table			List of order	Enable
5	Details	Button		Click	Click to go to details of an order page	Enable
6	Change Process	Button		Click	Click to change order's process	Enable
	Disable	Button		Click	Click to disable an customer account	Enable

### 2.12.2. Order Details: admin can view details of an order here.

The screenshot shows a web-based application interface for managing orders. At the top, there is a purple header bar with the text "Order Table" and "Order Details #001". Below the header, there are three buttons: "BACK", "DISABLE" (highlighted in red), and "PROCESS". A search bar labeled "Search:" is also present. The main content area features a table with columns: Product Name, Image, Unit Price, Quantity, and Subtotal. The table lists two items: "Antiflu" and "Panadol". The "Antiflu" row shows a small image of the product box, a unit price of 20.0, a quantity of 5, and a subtotal of 100.0. The "Panadol" row shows a similar image, a unit price of 40.0, a quantity of 5, and a subtotal of 200.0. Below the table, it says "Showing 1 to 3 of 3 entries". At the bottom, there is a summary table with columns: Receiver, Address, Phone, Date, Payment Method, and Note. The summary shows "Liem" as the receiver, "Binh Chanh" as the address, "0908181370" as the phone number, "2019-05-18" as the date, "Cash" as the payment method, and "null" as the note.

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Click to back to order table	Enable
2	Disable	Button		Click	Click to disable this order	Enable
3	Process	Button		Click	Click to Change process	Enable
4	Order Information	Text			Information of this order	Enable
5	Search	Textbox		Focus	Input to search product of this order	Enable

### 2.12.3. Change process: admin can change process of an order here.

Order Table

Change Process

BACK DETAILS

Order ID  
1

Customer Email  
liem@gmail.com

Total  
300.0

Process  
Completed

CHANGE PROCESS

No	Name	Type	Validation	Event	Description	Status
1	Back	Button		Click	Click to back to order table	Enable
2	Details	Button		Click	Click to view details of this order	Enable
3	ID	Button	Read only		ID of this order	Enable
4	Email	Text	Read only		Email of customer who has order	Enable
5	Total	Textbox	Read only		Total price of this order	Enable
6	Process	Drop down		Click	If process is processing: Dropdown will display Shipping or Completed to change. If process is Shipping or Completed, drop down will only completed to change	Enable
7	Change	Button		Click	Click to change process	Enable

## 2.13. User diagnosis Page:

**USER INFORMATION**

**heydeone@gmail.com**

May, 22, 2019

Name: heydeone	Age: 22	phone number: 0986373625
Ctg: Ho Chi Minh	Living area: binh thanh	Address: 590 st.23-New York
<a href="#">HIRE ME</a>		

**NUMBER OF SERVICE SYSTEM FOUND**

**INFORMATION**

**MEDICAL RECORDS**

2019/05/14 02:46:46 2019/05/15 04:59:39 2019/05/18 23:59:05 2019/05/20 00:55:35 2019/05/21 01:00:00

MEDICAL RECORD ON 2019/05/15 04:59:39

The Disease Has Been Diagnosed:  
dengue

Symptoms:  
rash, muscle pain, bleeding tooth, high fever up to 40 degrees, nausea

Level Diseases:  
A

Recommended Diseases From Machine-Learning:  
example@example.com

**INFORMATION**

**DISEASES**

THE CURRENT SYMPTOMS

eye feel pain, rash, muscle pain, high fever up to 40 degrees, nausea  
Separated they live in Bookmarks grove right at the coast of the Semantics, a large language ocean.

STATISTICAL FROM PREDICT

FEEDBACK FROM DIAGNOSIS

BLOOD TEST INFORMATION

**SEND TO USER**

**GIVE RESULT**

Pick Template Pick Diseases [Search](#)

Message:  
Write a message here

**SET IN TOUCH**

**CONTACT**

heydeone@gmail.com  
www.medicyah.com  
INFORMATION  
MEDICAL RECORDS  
CURRENT DISEASES  
GIVE RESULT  
CONTACT

info@domain.com  
199 West 28th Street, Ho Chi Minh, binh thanh  
x123 456 7890

To: heydeone@gmail.com  
Subject:  
Message  
[SEND MESSAGE](#)

### 2.13.1. User Information:

....

Name. heydeone	Age. 22	phone number. 0986373625
City. Ho Chi Minh	Living area. binh thanh	Address. 590 st.23-New York
<a href="#">HIRE ME</a>		

No	Name	Type	Validation	Event	Description
1	User Information	Text			Contain information of user who use diagnosis system

### 2.13.2. Medical Record:

INFORMATION  
MEDICAL RECORDS

2019/05/14 02.46.46	2019/05/15 04.59.39	2019/05/18 23.59.05	2019/05/20 00.55.35	2019/05/2
---------------------	---------------------	---------------------	---------------------	-----------

MEDICAL RECORD ON 2019/05/15 04.59.39

The Disease Has Been Diagnosed

dengue

Symptoms

rash, muscle pain, bleeding tooth, high fever up to 40 degrees, nausea

Level Diseases

4

Recommended Diseases From Machine-Learning

example@example.com

No	Name	Type	Validation	Event	Description
1	Medical Record Information	Text			Contain information of each medical record such as time, symptoms, disease detected

### 2.13.3. Disease information

#### a) Current Symptoms

INFORMATION  
DISEASES

THE CURRENT SYMPTOMS -

eyes feel pain, rash, muscle pain, high fever up to 40 degrees, nausea

Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean.

STATISTICAL FROM PREDICT +

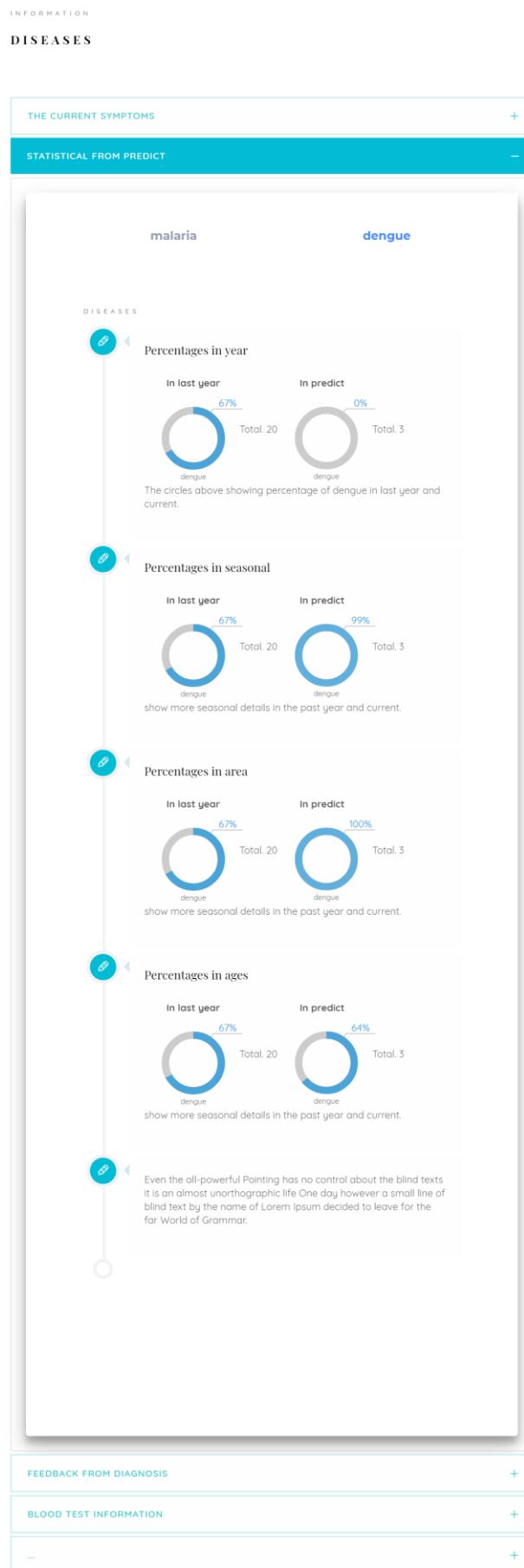
FEEDBACK FROM DIAGNOSIS +

BLOOD TEST INFORMATION +

... +

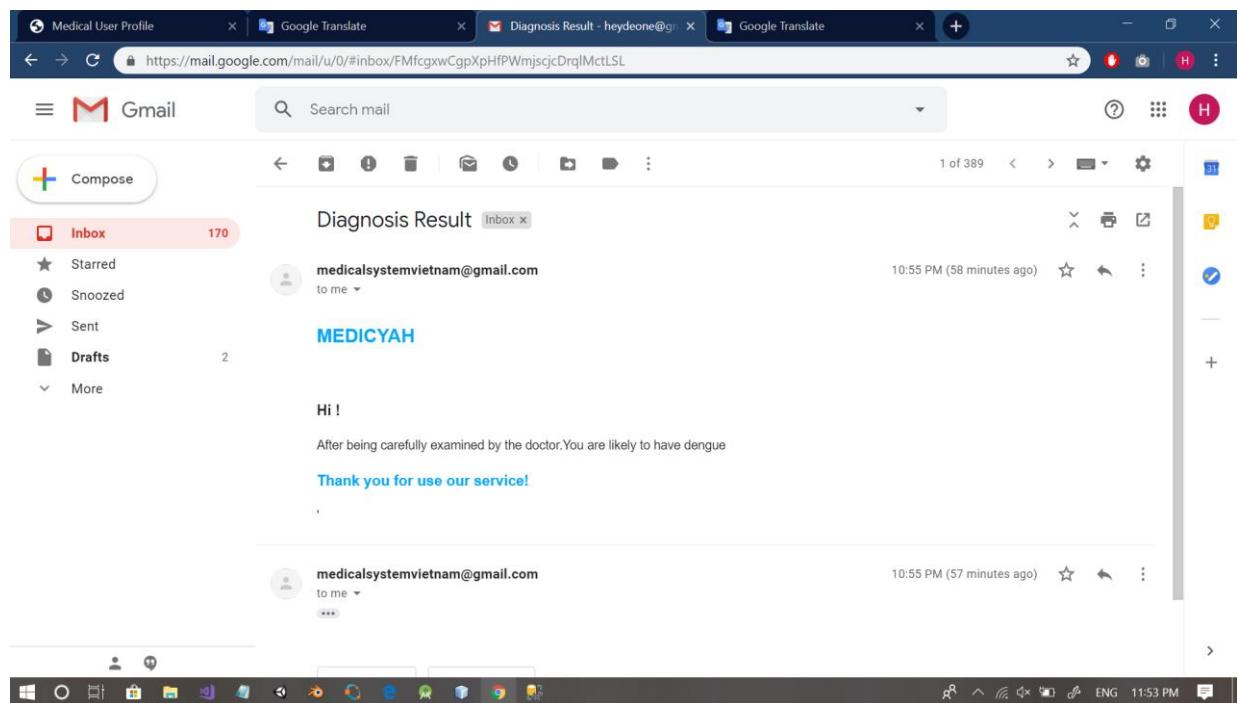
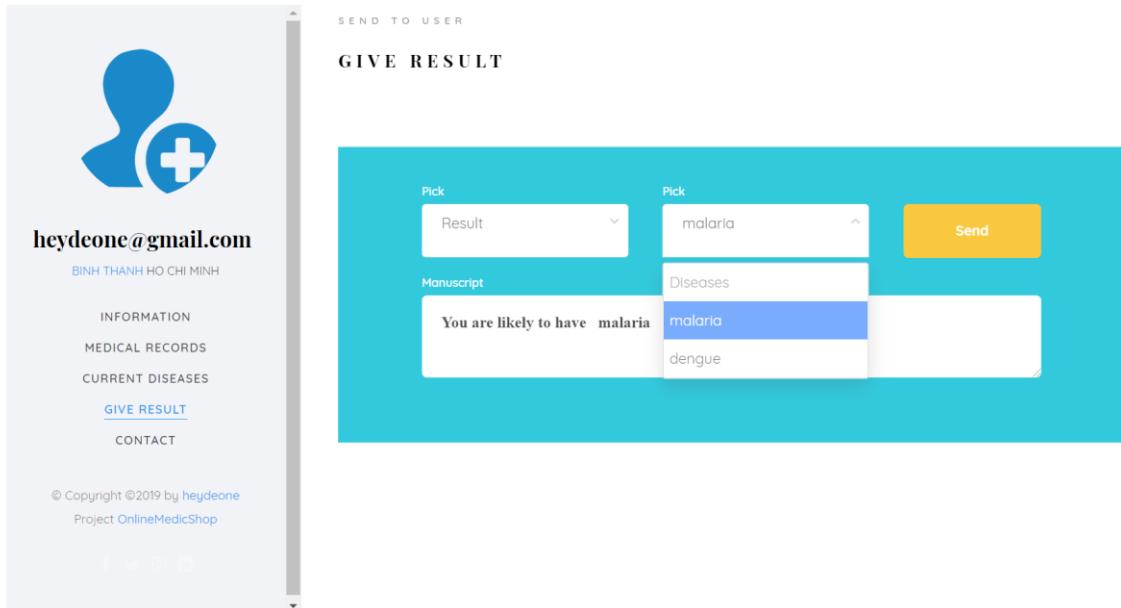
No	Name	Type	Validation	Event	Description
1	Current symptoms	Text			The symptoms of diseases that users encounter

## b) Statistical from Predict:



No	Name	Type	Validation	Event	Description
1	Statistical from Predict	Chart			Statistics of disease by year, by season, by area and by age

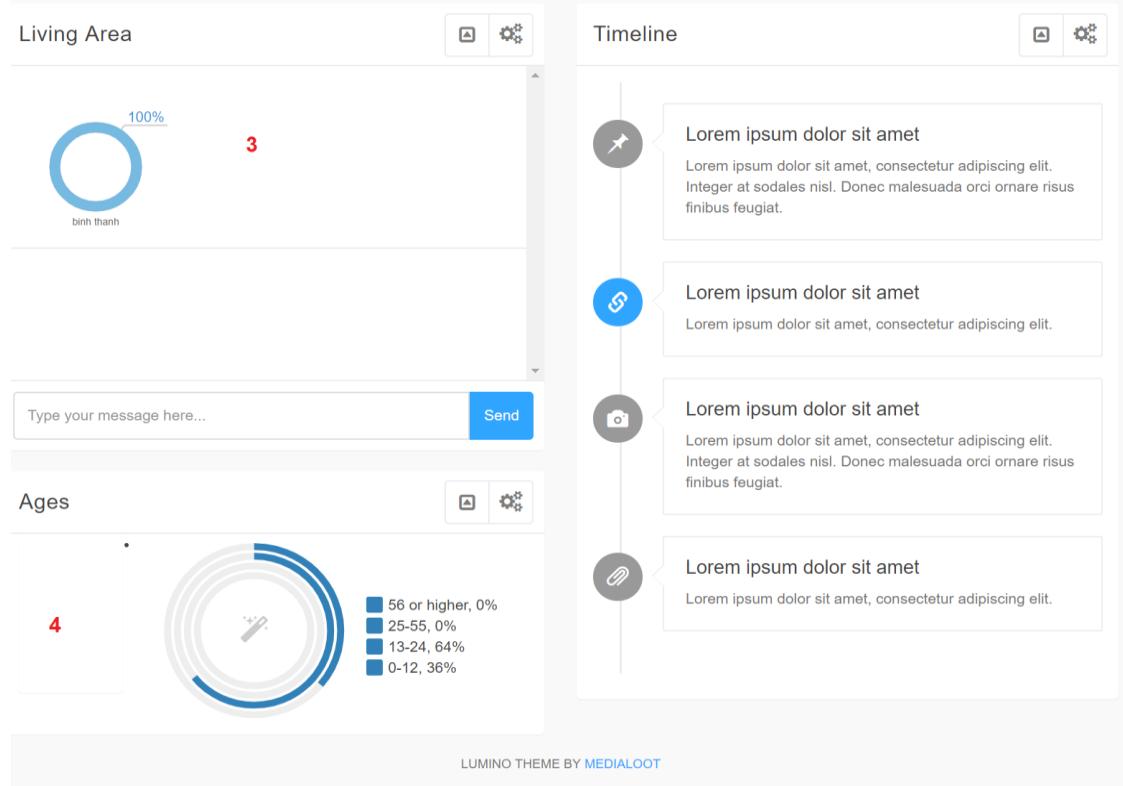
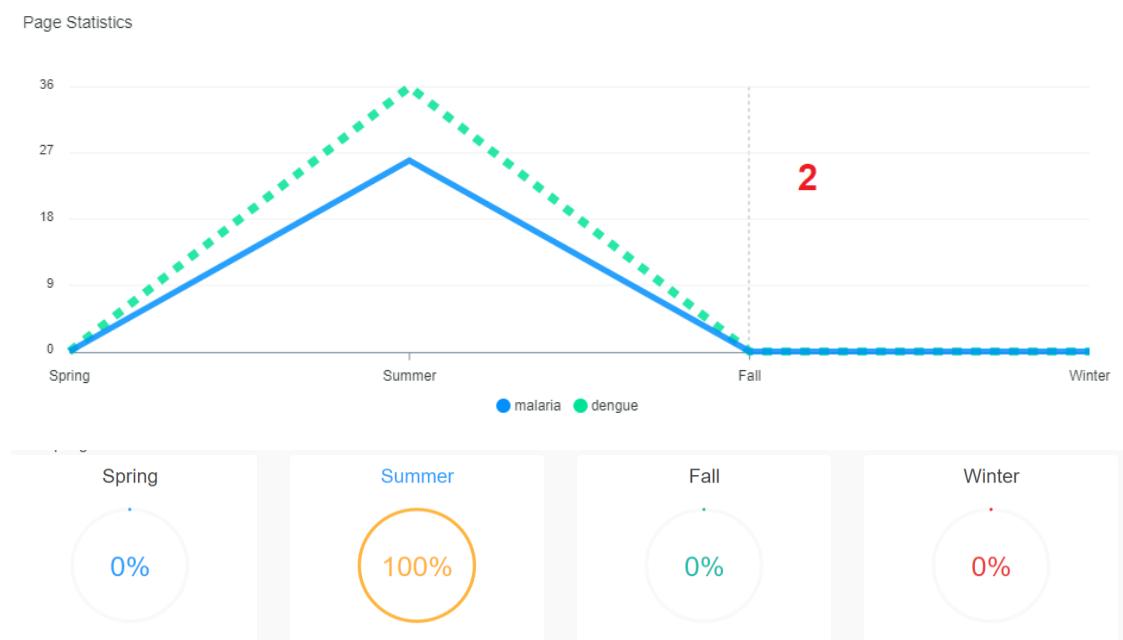
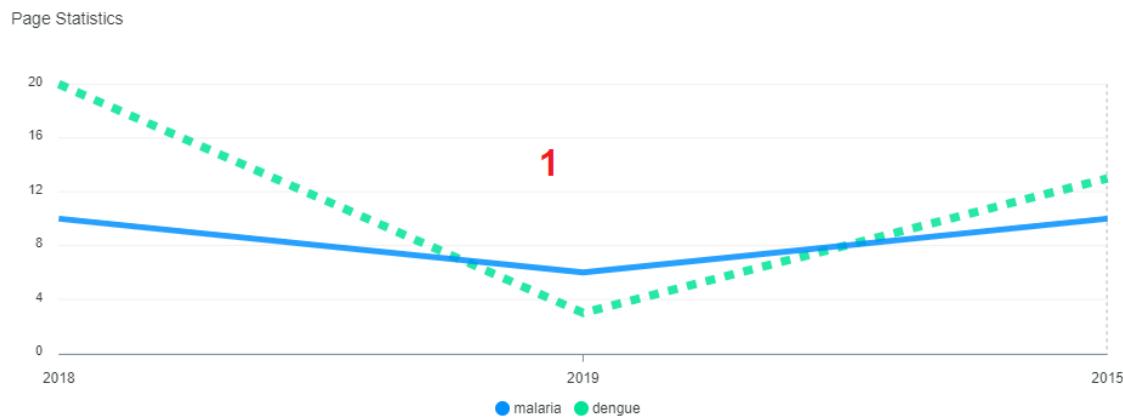
#### 2.13.4. Send result to user



No	Name	Type	Validation	Event	Description
1	Disease	Dropdown List		Click	Choose the disease that users encounter
2	Content	Text			Write down content want to send to user
3	Send	Button		Click	Click to send result to user via google mail
4	Interface email	Mail			Interface of email & content that user received

## 2.14. Disease Statistics:

Admin can view or print disease statistical chart by month, season, or year from here.



No	Name	Type	Validation	Event	Description	Status
1	Statistics by Year	Chart			Statistics by Year	Disable
2	Statistics by Season	Chart			Statistics by Season	Disable
3	Statistics by Living Area	Chart			Statistics by Living Area	Disable
4	Statistics by Age	Chart			Statistics by Age	Disable

**2.15. Revenue Report:** Admin can view or print revenue report from here.

#### 2.15.1. Top 10 best seller product:



590-CMT8, District 3, HCM

Phone: (+8428) 3 846 0846

Email: mailto:aptech.hcm@fpt.com.vn

Date: 6/6/2019

#### Top Best Selling Products

Top	Product Name	Unit price(\$)	Quantity Sold	SubTotal(\$)
1	Panadol	40.0	10	400.0
2	Tylenol	50.0	6	300.0
3	Antiflu	20.0	6	120.0
4	Oscilloccinum	80.0	5	400.0
5	Panadol	40.0	5	200.0
6	Advil	60.0	5	300.0
7	Nexium Control	125.0	4	500.0
8	NightTime	110.0	3	330.0
9	Oscilloccinum	80.0	2	160.0
10	Ciprofloxacin	300.0	2	600.0
Total(\$)				3310.0

No	Name	Type	Validation	Event	Description
1	Data	Data Table			Top 10 product best seller

### 2.15.2. Income by Category

**MEDICYAH**

590-CMT8, District 3, HCM  
Phone: (+8428) 3 846 0846  
Email: mailto:aptech.hcm@fpt.com.vn  
Date: 9/6/2019

**Income Report For Category**

From: 15/05/2019 To: 24/05/2019

Customer	Email	ProductID	Order date	Quantity	Unitprice	Subtotal
thanh.liem0622@gmail.com		PR011	2019-05-15	5	\$ 40.0	\$ 200.0
vanquang931999@gmail.com		PR001	2019-05-16	4	\$ 50.0	\$ 200.0
		Total(\$)			\$ 400	

No	Name	Type	Validation	Event	Description
1	Data	Data Table			Income by Category

### 2.15.3. Income by Brand

**MEDICYAH**

590-CMT8, District 3, HCM  
Phone: (+8428) 3 846 0846  
Email: mailto:aptech.hcm@fpt.com.vn  
Date: 9/6/2019

**Income Report For Brand**

From: 15/05/2019 To: 24/05/2019

Customer	Email	ProductID	Order date	Quantity	Unitprice	Subtotal
thanh.liem0622@gmail.com		PR007	2019-05-15	5	\$ 20.0	\$ 100.0
heydeone@gmail.com		PR007	2019-05-17	1	\$ 20.0	\$ 20.0
hanhanh123.tt99@gmail.com		PR012	2019-05-18	3	\$ 110.0	\$ 330.0
		Total(\$)			\$ 450.0	

No	Name	Type	Validation	Event	Description
1	Data	Data Table			Income by Brand

#### 2.15.4. Income by Customer

MEDICYAH

590-CMT8, District 3, HCM  
Phone: (+8428) 3 846 0846  
Email: mailto:aptech.hcm@fpt.com.vn  
Date: 9/6/2019

Income Report by Customer

From: 15/05/2019 To: 24/05/2019

Customer	Email	OrderID	ProductID	Order date	Quantity	Unitprice	Subtotal
thanh.liem0622@gmail.com		1	PR007	2019-05-15	5	\$ 20.0	\$ 100.0
thanh.liem0622@gmail.com		1	PR011	2019-05-15	5	\$ 40.0	\$ 200.0
			Total(\$)			\$ 300.0	

No	Name	Type	Validation	Event	Description
1	Data	Data Table			Income by Customer

#### 2.16. Disease Report: Admin can view or print disease report from here.

MEDICYAH

590-CMT8, District 3, HCM  
Phone: (+8428) 3 846 0846  
Email: mailto:aptech.hcm@fpt.com.vn  
Date: 6/6/2019

Percentages Of Dengue In Seasonal And Area

Season	Last year(%)	Current Year(%)
Spring	54.87	66.09
Summer	78.50	60.98
Fall	55.45	29.76
Winter	76.54	61.54

Living Area	Last year(%)	Current Year(%)
Binh Thanh	54.87	98.23
Quan 5	80.52	87.65
Quan 3	21.54	32.54

No	Name	Type	Validation	Event	Description
1	Data	Data Table			Percent of disease by season & area.

# TASK SHEET REVIEW 3

Project Ref. No.:  P/Advertisement Portal Management System/01		Project Title:  <b>Võ Thành Liêm</b>	Activity Plan Prepared By:  <b>Medicyah</b>	Date of Preparation of Activity Plan:		
No	Task			Start Date	End Date	Team Mate Names
	<b>1. Customer's GUI Design</b>					
	✓ Template					
	✓ Diagnosis System					
	✓ Diagnosis feedback					
	<b>2. Admin's GUI Design</b>					
	✓ Template					
	✓ Disease Alert, Disease Notify					
	✓ Machine Learning					
	✓ Doctor View					
	✓ Handle info doctor diagnosis					
	✓ Send an email of advice to user					
	✓ Report: Top disease people having					
	<b>1. Customer's GUI Design</b>					
	✓ Product ( send comment via Facebook account)					
	✓ Filter Product (by price, checkbox)					
	✓ Search Autocomplete					
	✓ Compare Product					
	✓ Rating Product					
	✓ Recently View Product					
	✓ Related Product					
	✓ Suggested Product					
	✓ Wish List					
	<b>2. Admin's GUI Design</b>					
	✓ Supporting send email tested by Diagnose System					
	✓ Report: Income by Category					

	<p><b>1. Customer's GUI Design</b></p> <ul style="list-style-type: none"> <li>✓ Shopping Cart</li> <li>✓ Checkout</li> <li>✓ Send email to customer when order success</li> </ul> <p><b>2. Admin's GUI Design</b></p> <ul style="list-style-type: none"> <li>✓ Order</li> <li>✓ Calculate product quantity</li> <li>✓ Send a notification when a certain product is running out of stock</li> <li>✓ Report: Income by Brand</li> </ul> <p><b>1. Database Relationship Diagram</b></p> <p><b>2. Table Definition</b></p> <p><b>3. Site Map</b></p> <p><b>4. Customer's GUI Design</b></p> <ul style="list-style-type: none"> <li>✓ Language</li> <li>✓ Login</li> <li>✓ Sign up</li> <li>✓ User Profile</li> <li>✓ News (send comment via Facebook account)</li> <li>✓ Contact (feedback without login)</li> </ul> <p><b>5. Admin's GUI Design</b></p> <ul style="list-style-type: none"> <li>✓ Login</li> <li>✓ Change Password</li> <li>✓ Customer</li> <li>✓ Product</li> <li>✓ News</li> <li>✓ Reply feedback via email</li> <li>✓ Disease Statistical</li> <li>✓ Report: Top 10 best seller product</li> </ul>						<b>Trần Viết Hạnh</b>
<b>Date: 25/05/2019</b>							
<div style="display: flex; justify-content: space-between;"> <span>Signature of Instructor:</span> <span>Signature of Team Leader:</span> </div> <div style="text-align: center; margin-top: 10px;"> <b>Mr. Ngo Phuoc Nguyen</b> </div> <div style="text-align: right; margin-top: 10px;"> <b>Vo Thanh Liem</b> </div>							