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PETS SHOP

Design Document

Supervisor:	**Mr. NGO PHUOC NGUYEN**	
Semester:	**4**	
Batch No:	**T1.1807.M0**	
Group No:	**4**	
Order:	**Full name**	**Roll No.**
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3.	**Pham Huu Nhan**	**Student1098242**

REVIEW

	Prepared By (Student)	Approved By (Faculty)
	Project Group No:	NGO PHUOC NGUYEN
Signature:		
Date		

1. Introduction

In this day and age, with the growing popularity of the Internet and technological advancement, is it much quicker and easier to buy and sell online now than ever.

Many people browse through popular ecommerce stores and search engines to find whatever they are looking for and find the best price.

As a seller with an eCommerce website, you can tell your customers about your store, showcase your products and get sale orders online.

Pet Shop is a online store, provide food for pet and other.

So they need a website to sell products online, manage their business such as sale orders, revenue, profit, …

Customers will enjoy the round-the-clock convenience of being able to purchase what they want and when they want it, and they won't lose out on sales with an online shop that is open 24 hours a day, 7 days a week, compared to regular store hours.

2. Existing Scenario

Nowadays, online shopping is an important and potential market. After gathering enough information about the product and the saler, online customers can decide to buy it or not without coming to the store.

To widen the company's market and aim to online customers, Pet Shop reach online customers in an attractive, trusty and completely way.

3. Customer Requirement Specification

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

For customers, they can:

- Search products by name.
- Filter products by Gender, types.
- View detailed information about the product.
- Track recently viewed products.
- Register an member account, logged in system to rate stars for products, leave review, manage own profile, order online.

For administrator, they can full access (create, read, update, delete) to every information of the website after logging in by admin account.

4. Functional Requirement Specification

4.1 Guests (unregistered customers)

4.1.1 Description

Guests can use basic functions of the website such as:

- Viewing product details, about shop, contact shop via submit form.
- Searching products, filtering products by category, brand.
- View shopping cart, check out order.
- Signing up to become members.

4.1.2 Functional Requirement

When customers (include guest and member) access the home page, there should be:

- Top bar shows some important items such as hotline number, text box to search product, register / login button.
  + Customers can search product by name, system process and reponse to page to display results.
  + Customer can register member account

    Website provides a page for guest to register member account by providing necessary information: email (unique), password, name, mobile, address,…
- Menu bar including: Home, category, brand, contact us, faq, shopping cart icon.
  + Shopping cart is working for both members and guests.
  + Customers can add products to shopping cart while surfing the website for the creating order step.
  + Customers can view shopping cart, check out order as guest.
- Slideshow: new product, hot slae, promotion,…
- Customers should be able to filter products by categories, brands or price.
  + Web page 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).

- Footer

4.2 Member

4.2.1 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.
- Manage orders
- Rating products
- By products

4.2.2 Functional Requirements

- Customer can login into the system with account credentials: email, password

After members login:

- Member can modify his/her profile: change password, name, mobile, address.
- Member account can view shopping cart, check out order:

  Customers go to creating order step from shopping cart by clicking Order button. The website has to check current customer is Member or Guest.

  + If member, continue to creating order step as member

  + If guest, continue to creating order step as guest.

  Notes: Checking all information of products in shopping cart before create an order

  + If current customer is Member (registerd), display rate and leaving comment section.

+ If current customer is Guest (not registerd), require login if customer wants to rate or leave comment

4.3 Administrator

4.3.1 Description

Admins 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.

4.3.2 Functional Requirement

Via admins' pages, after log in using email and password, admins can:

- Manage information related to products and customers, admins:

  Create, Read, Update, Delete: data in tables such as: products, categories, types, brands, customers, admins.

- Follow customers' orders:

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

- Can view reports:

  Website provides a page for admin account to view Statistics & Reports about:

  • Total orders

  • Total accounts

5. System Requirements

5.1 Hardware Requirements

- Pentium core i3 CPU 2.80 Ghz or higher.
- 4GB of RAM or higher.

5.2 Software Requirements

- Win 7, Win 8 or Win 10. - SQL Server 2017 or higher.
- Netbean 7.4 or higher.
- JavaEE 7 SDK.

- Java Development Kit (JDK) 1.7
- Glassfish Server 4.0.
- Google Chrome70.0 or higher.

6. Technologies

- J2EE
- JSP, Servlet
- HTML
- CSS
- Javascript
- EJB
- Jquery
- Ajax
- Bootstrap
- AngularJs

7. 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: No promotion will be apply.
- Manage the shipping.
- Manage payment methods via credit card.

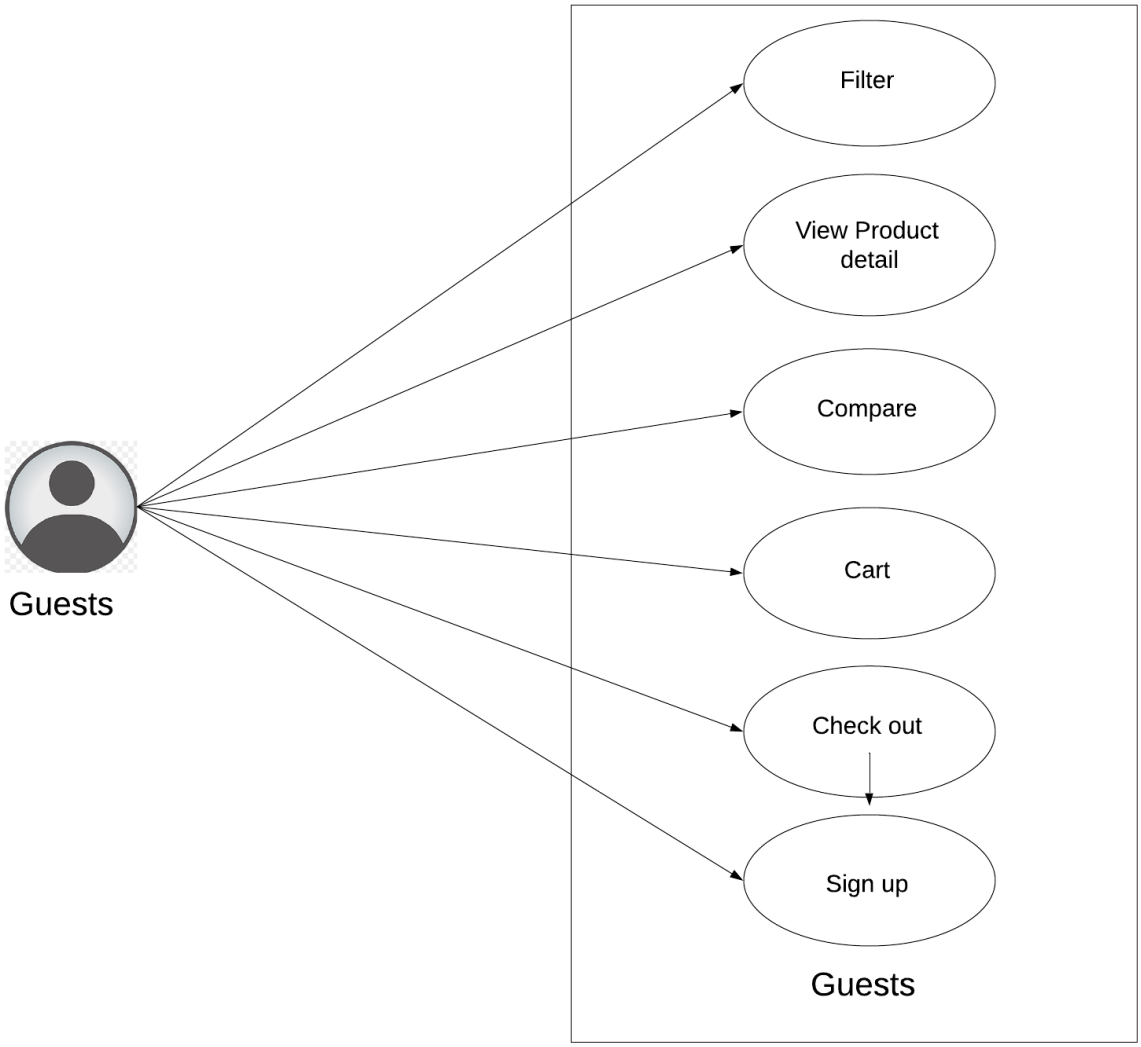
8. Task sheet

Project Ref. No.		Project Name: Tshop Computer	Date of Preparation of Activity Plan		
No.	Task	Description	Start Date	Complete Date	Team member
01	Review 1	Problem Definition	22/05/ 2020	26/06/2020	ALL TEAM
02		Customer Requirements Specifications			
03		Functional Requirement Specification			
04		System Requirements			
05		Technologies			
06		Scope of project			

* Database Diagram :

I. Use Case and Sequence Diagram:

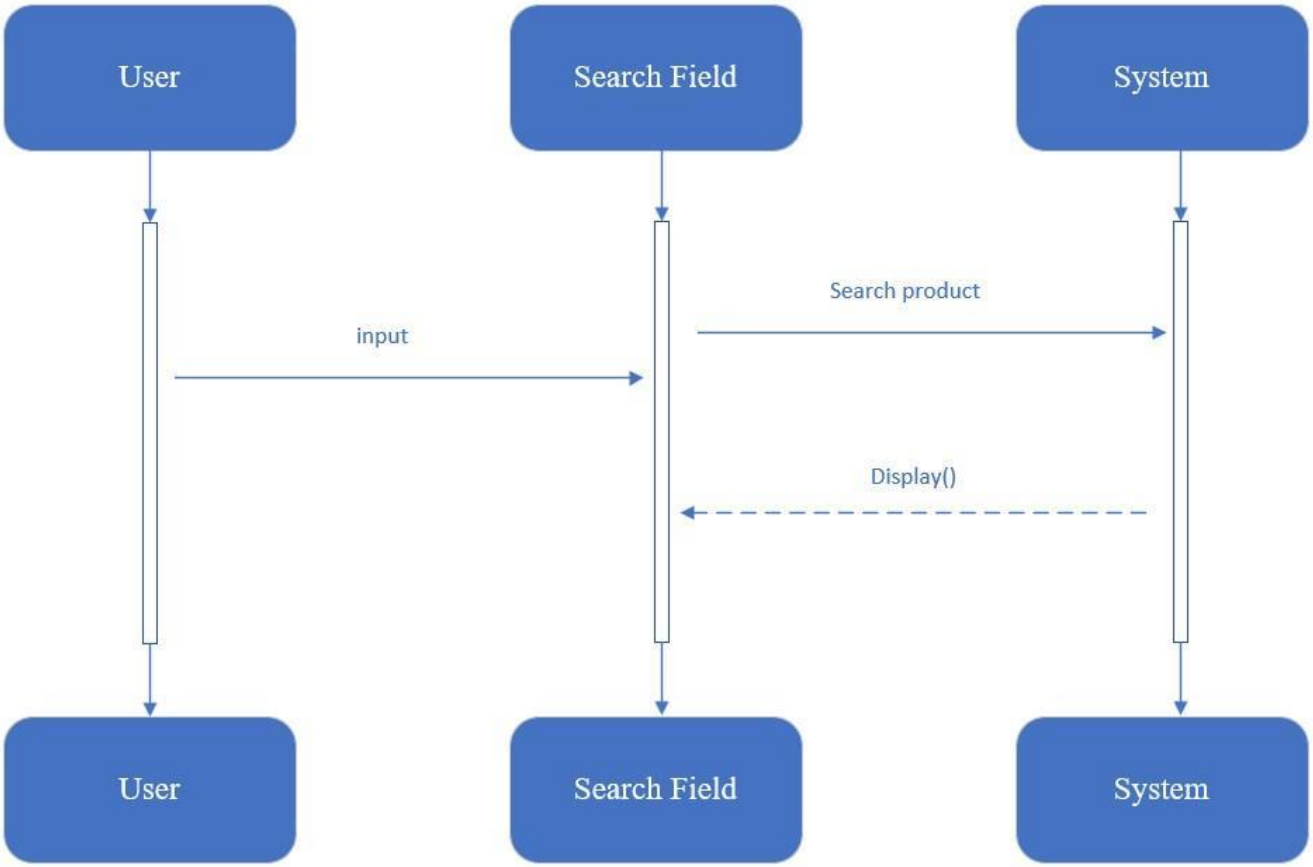
1. Guests:



a. Search

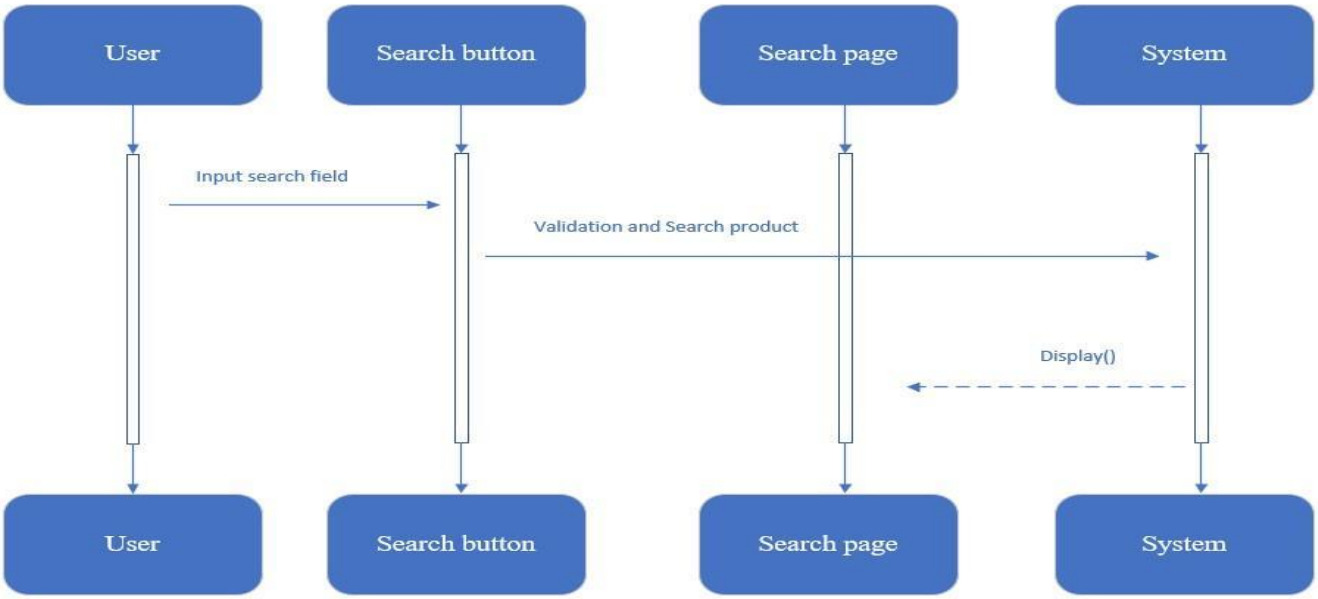
a.1. Auto complete:

Author	NGUYEN HOANG BAO	
Use Case Name	**Search**	
Actors	**Guests and Members**	
Description	**Display products which have names contain string in search field**	
Requirements	**Search result appear in a panel right below the search field, which contains name and products' image**	
Pre-conditions		
Post-conditions		
	Actor Actions	System Responses
Basic flow	**1. Typing in search field**	2. **Create an empty list to contain search result.** 3. **Search in Products table to find products which have names contain the search string (ignore case) and add them to result list.** 4. **Display the result list**
Alternative flow		
Exception		


User
Search Field
System
Search product
input
Display()
User
Search Field
System

a.2. Search button:

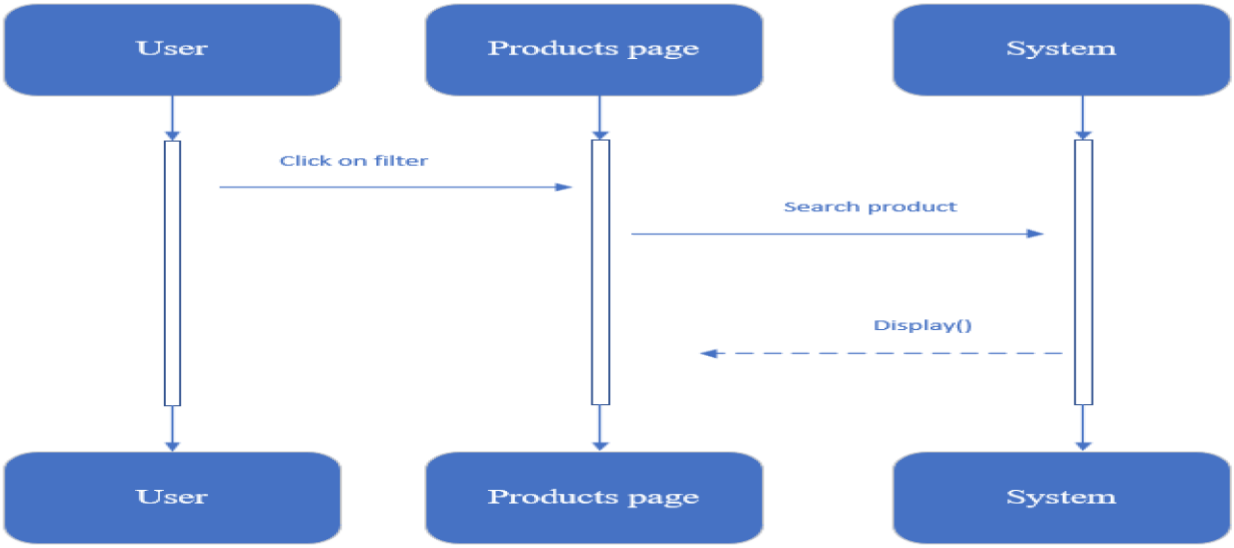
Author	NGUYEN HOANG BAO	
Use Case Name	Search – Search button	
Actors	Guests and Members	
Description	When search button is clicked, search result page will be displayed with result list of products and their information.	
Requirements	Search string can not be blank.	
	Actor Actions	System Responses
Basic flow	1. Actor input search string and click on search button.	2. System create an empty list to contain search result. 3. Search in Products table to find products which have names contain the search string (ignore case) and add them to result list. 4. Display the result list in the search result page.
Exception		



b. Filter

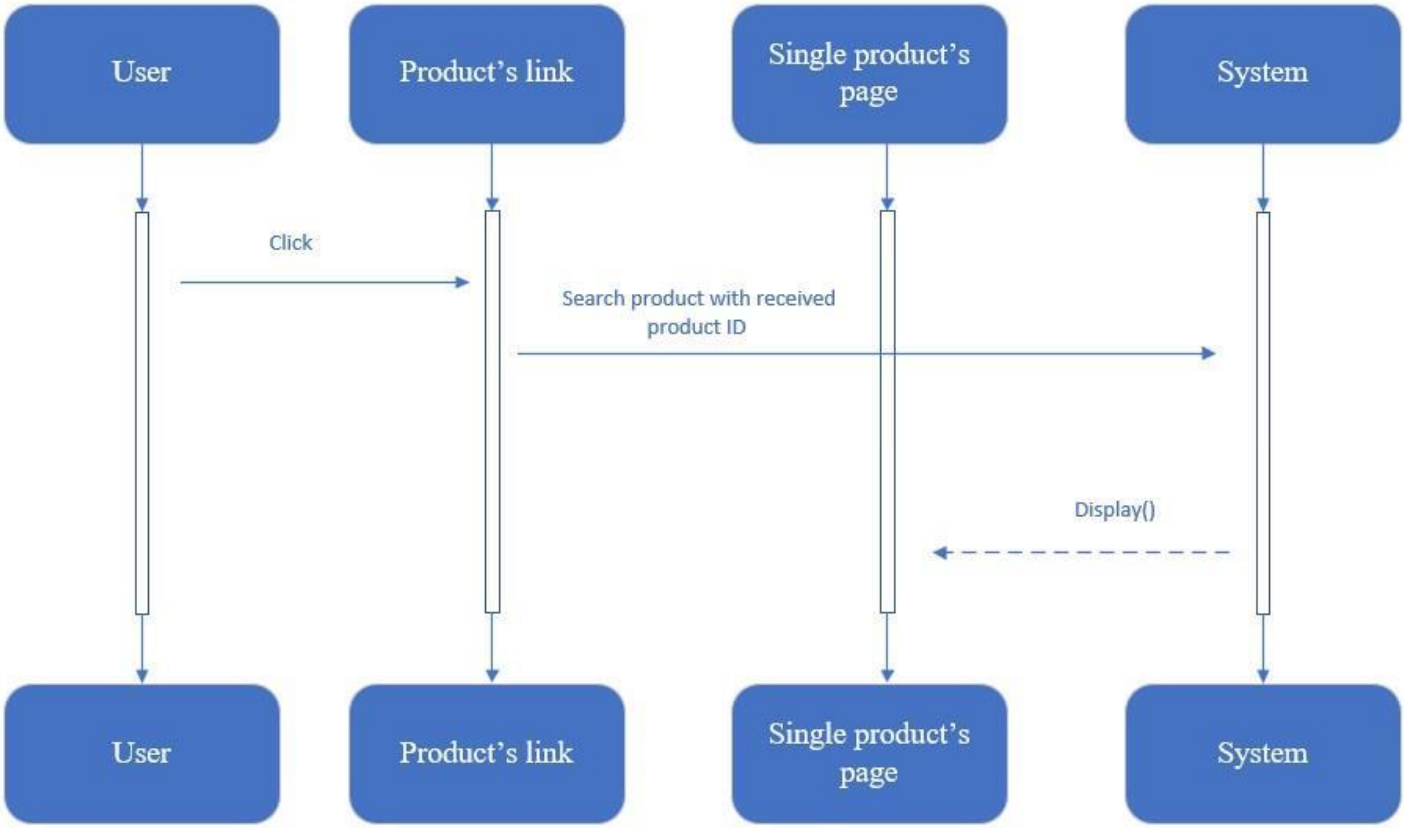
Author	**NGUYEN HOANG BAO**	
Use Case Name	**Filter**	
Actors	**Guests and Members**	
Description	**Allows customers view all products which are in the same categories, Breed, Animals. Products will be displayed with the pagination.**	
Requirements	**Links of Breed, Categories, Types must be clicked, or range of prices must be chosen.**	
	Actor Actions	System Responses

Basic flow	**1. Clicks on links of Breed, Categories**	2. **Receive parameters passing with the links and search products which have Brands or Categories with the parameters.** 3. **Display the list in the products page.**



c. View product details

Author	**NGUYEN HOANG BAO**	
Use Case Name	**View product details**	
Actors	**Guests and Members**	
Description	**When customers click on any products' link, a page will display to show all products' information.**	
	Actor Actions	System Responses
Basic flow	**1. Clicks on products' links**	2. **Receive parameters passing with the links and search products which have productID satisfied with the parameters.** 3. **Display the details in the detail page.**

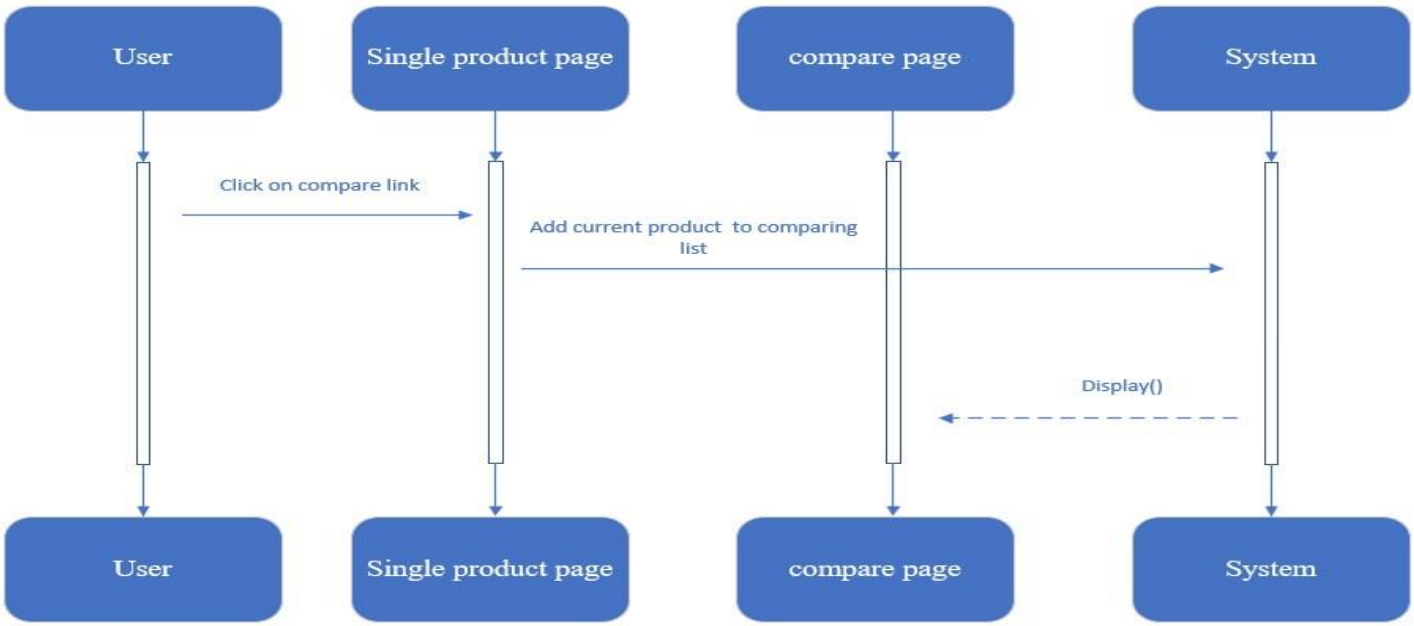


	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

d. Compare

d.1. Add:

Author	**NGUYEN HOANG BAO**	
Use Case Name	**Compare**	
Actors	**Guests and Members**	
Description	**When a customer clicks on "Compare" link in singleProduct page, compare page will appear to display current and comparable product**	
	Actor Actions	System Responses
Basic flow	**1. Clicks on "Compare" link in singleProduct page.**	**2. display compare page**

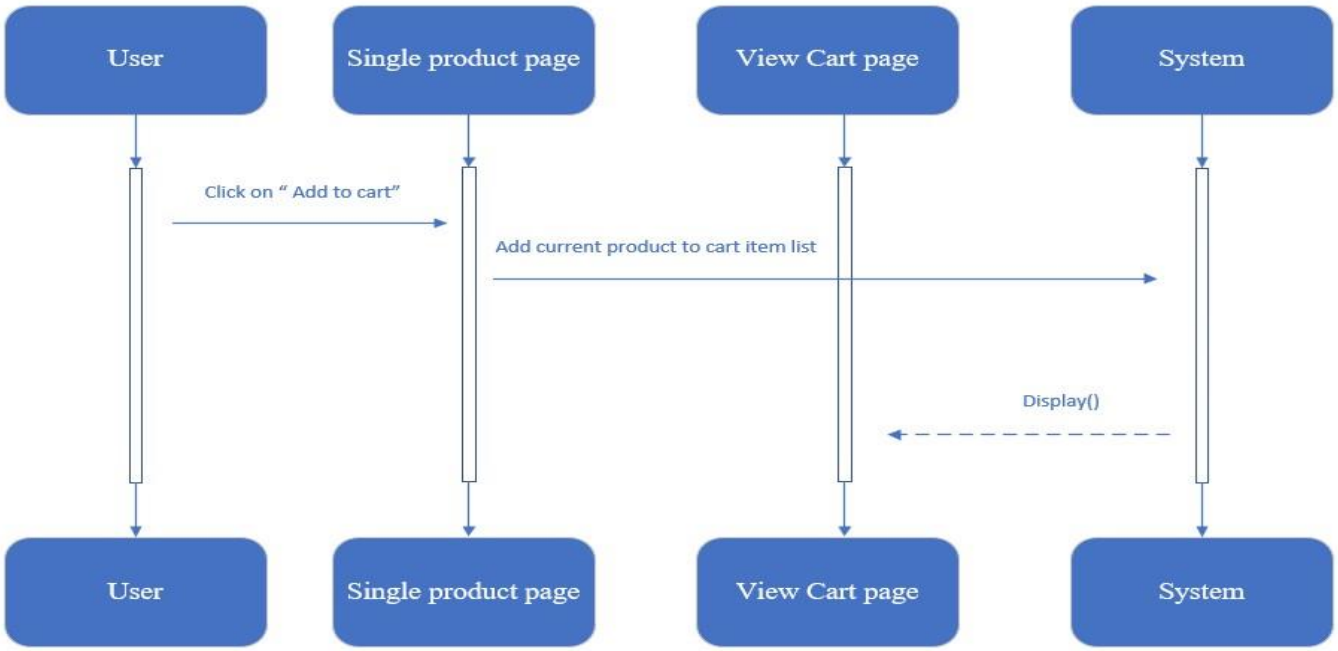


b. Cart

b.1. Add:

Author	NGUYEN HOANG BAO	
Use Case Name	Cart – Add	
Actors	Guests and Members	
Description	When customers clicks on “Add to Cart” in singleProduct page, the current product will be added/updated into list of cart items, and cart page will be displayed with all cart items.	
	Actor Actions	System Responses

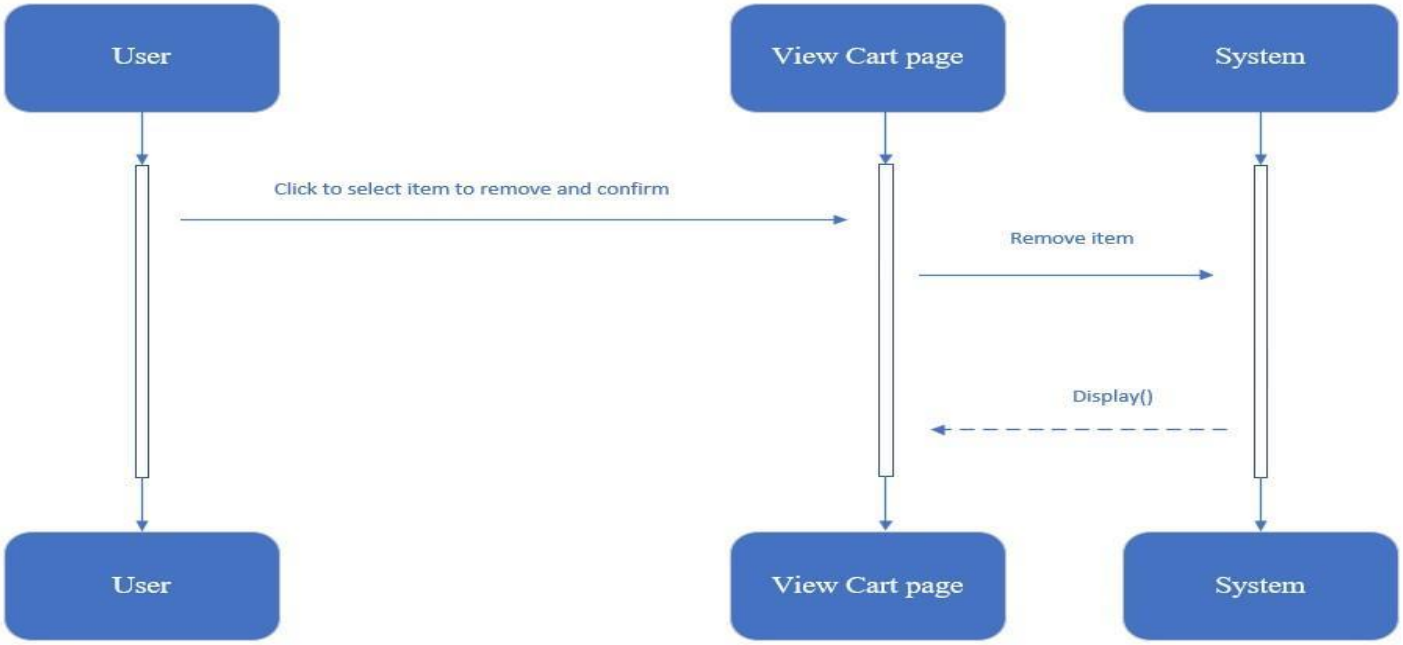
Basic flow	1. Clicks on “Add to Cart”.	2. Check the added product: + If existed in cart, system will add the quantity to the existed item’s quantity. + Else, system will add the product into list of cart. 3. Display the cart page with all updated cart items.



b.2. Remove

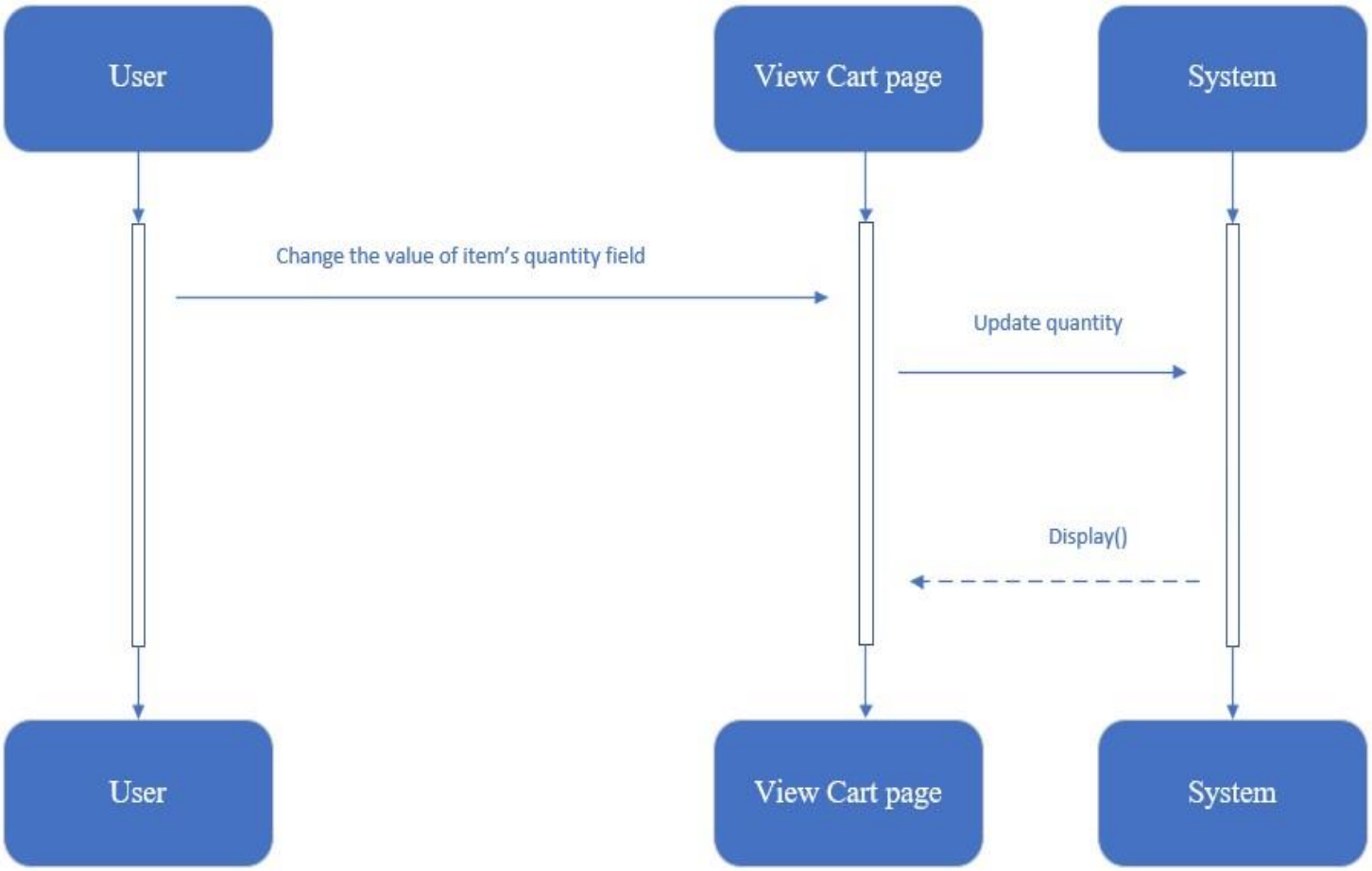
Author	NGUYEN HOANG BAO
Use Case Name	Cart – Remove
Actors	Guests and Members

Description	When customers clicks on remove links and choose “Yes” to confirm, the selected product will be remove from the list of cart items.	
	Actor Actions	System Responses
Basic flow	1. Clicks on remove link of cart items in the cart page. 3. Clicks on “Yes” to confirm.	2. Display 2 buttons: “Yes” and “No” for customer confirm the removing. 4. Remove selected product from the list of cart items and display cart page with updated list.
Alternative flow	5. Clicks on “No”.	6. The 2 buttons disappear.



b.3. Update quantity:

Author	NGUYEN HOANG BAO	
Use Case Name	Cart – Update quantity	
Actors	Guests and Members	
Description	When customers input quantity field of cart item, system will update the quantity, subtotal, total and display cart page with new information	
Requirements	Quantity must be greater than 0.	
	Actor Actions	System Responses
Basic flow	1. Updates new number in the quantity field.	2. Check the new quantity [Exception 1] 3. Update new quantity, subtotal and total of cart items. 4. Display cart page with new information.
Exception	[Exception 1] 1. Actor input a number less than 0. 2. Actor input a string not in number format	- Display error message “Quantity must be greater than 0”. - Display error message “Quantity is not in number format”.

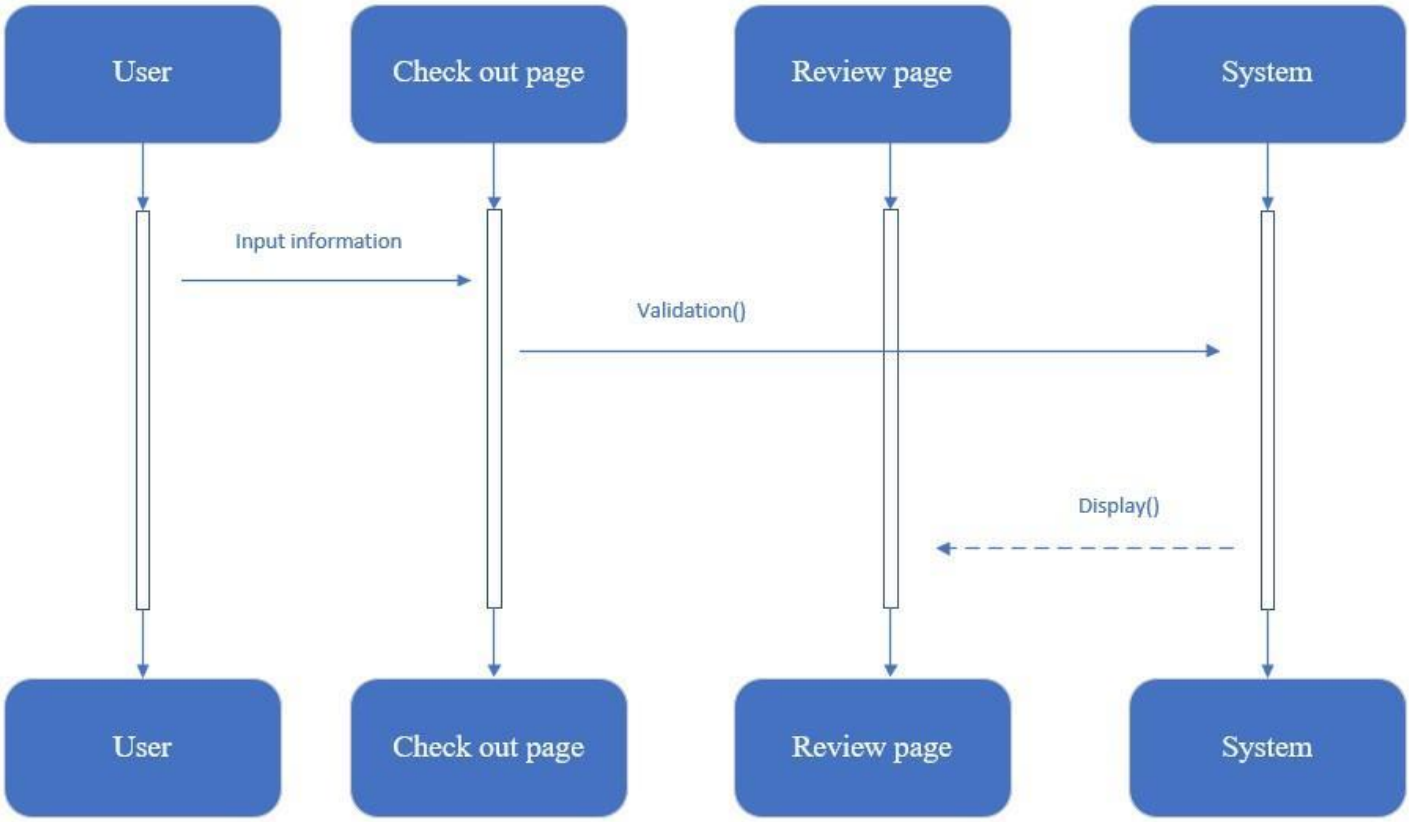

User
View Cart page
System
Change the value of item's quantity field
Update quantity
Display()
User
View Cart page
System

f. Check out

f.1. Input information

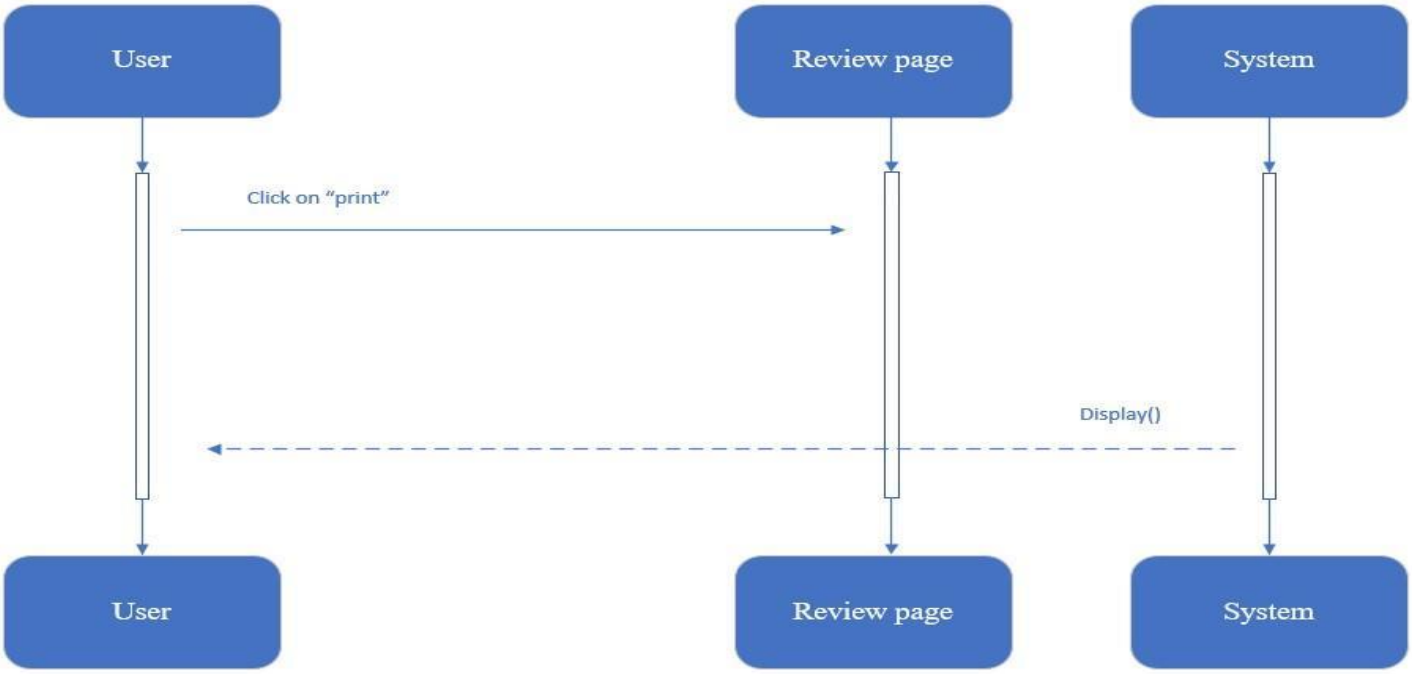
Author	NGUYEN HOANG BAO	
Use Case Name	Checkout – Input information	
Actors	Guests and Members	
Description	Display field for customers to input information about shipping and payment method.	
Pre-conditions	List of cart items can not be null.	
	Actor Actions	System Responses
Basic flow	1. Customers input shipping information (* character means that is a required field)	2. System display input filed for Shipping information: + Receiver's name * + Address * + Phone * + Shipping date * + Note
	3. Clicks on Continue button to input Payment method	4. System check the input information [Exception 1] 5. Display 3 payment methods: + Cash on delivery (default) + Payment by bank transfer (with bank account info) + Payment by Credit
	6. Clicks on Continue button to review order	System check the input information [Exception 2] 7. Display review page with all information about the order.

Exception	[Exception 1] 1. Actor left Receiver's name blank. 2. Actor left Address blank. 3. Actor left Phone blank. 4. Actor left Shipping date blank. 5. Actor input Shipping date which was not greater than current date + 3 days. [Exception 2]	Display error message: - "Receiver's name can not be blank" - "Address can not be blank" - "Phone can not be blank" - "Shipping date can not be blank" - "Shipping Date must be at least 3 days from today"



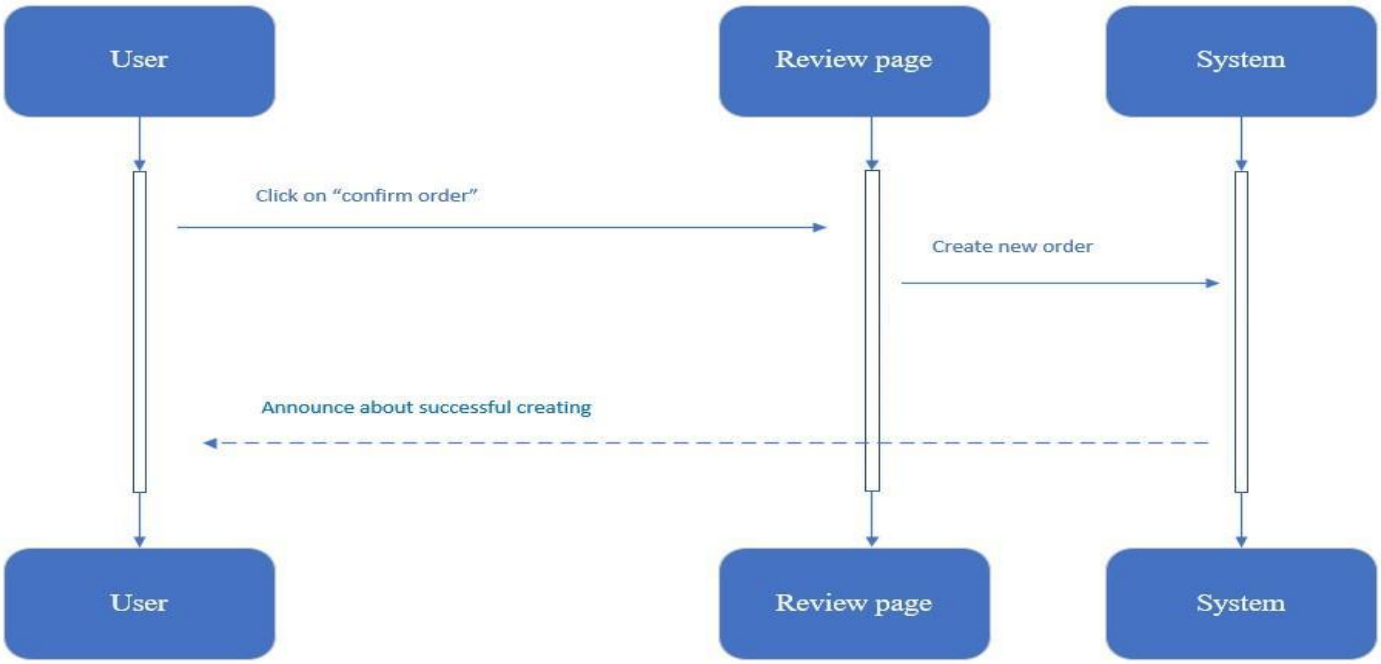
f.2. Print order:

Author	NGUYEN HOANG BAO	
Use Case Name	Checkout – Print order	
Actors	Guests and Members	
Description	Allow customers to print all information about the order	
	Actor Actions	System Responses
Basic flow	1. Clicks on Print button	2. Display the Browser's printing window which allow to print page via a printer or to a pdf file. 3. After printing, display the current review page.



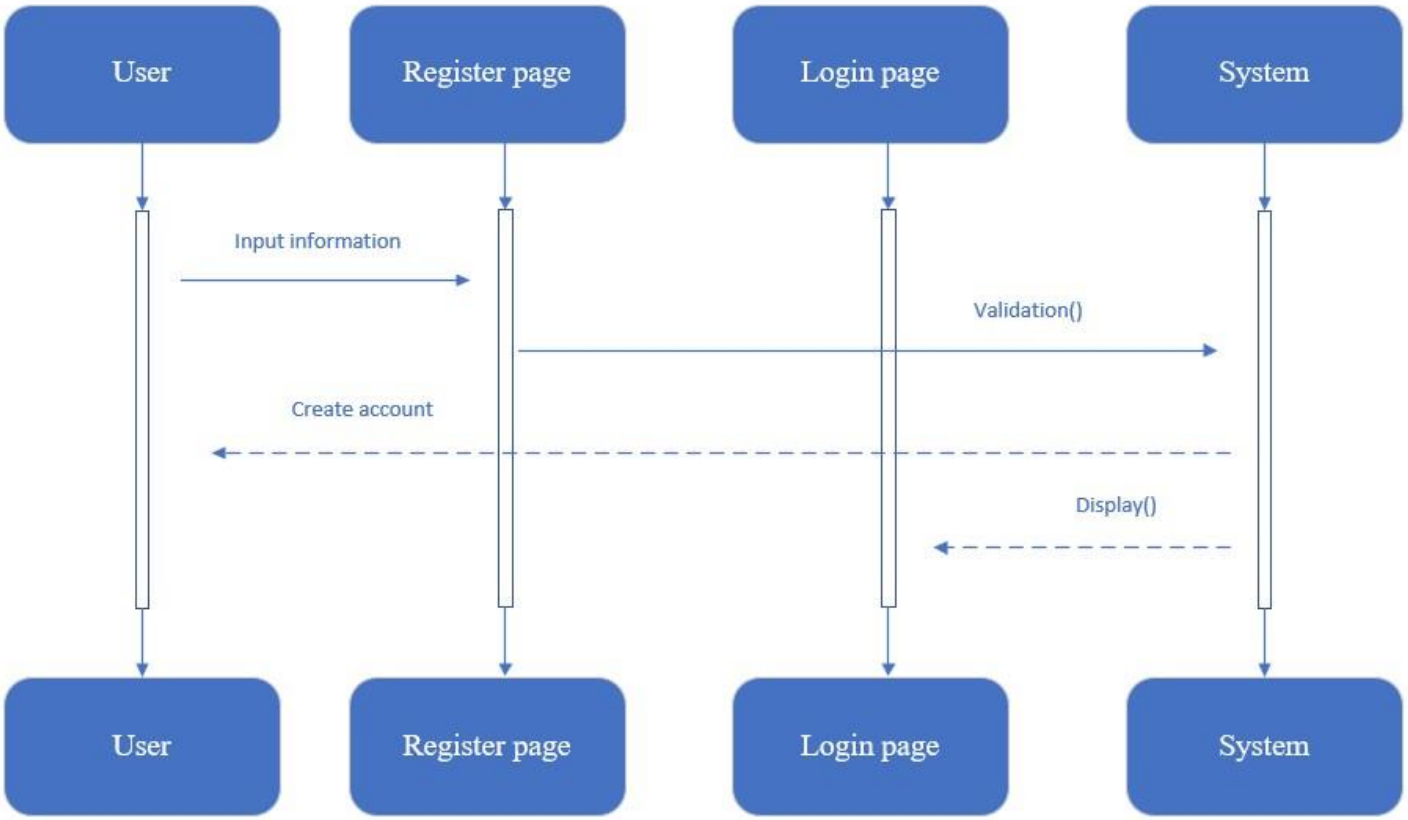
f.3. Confirm order:

Author	NGUYEN HOANG BAO	
Use Case Name	Checkout – Confirm order	
Actors	Guests and Members	
Description	Customers click on Confirm Order button to make the order, if success, an announcement will be displayed.	
	Actor Actions	System Responses
Basic flow	1. Clicks Confirm Order button	2. Create new data in Orders and Orders Details tables. 3. Display an announcement to inform about the successful order.

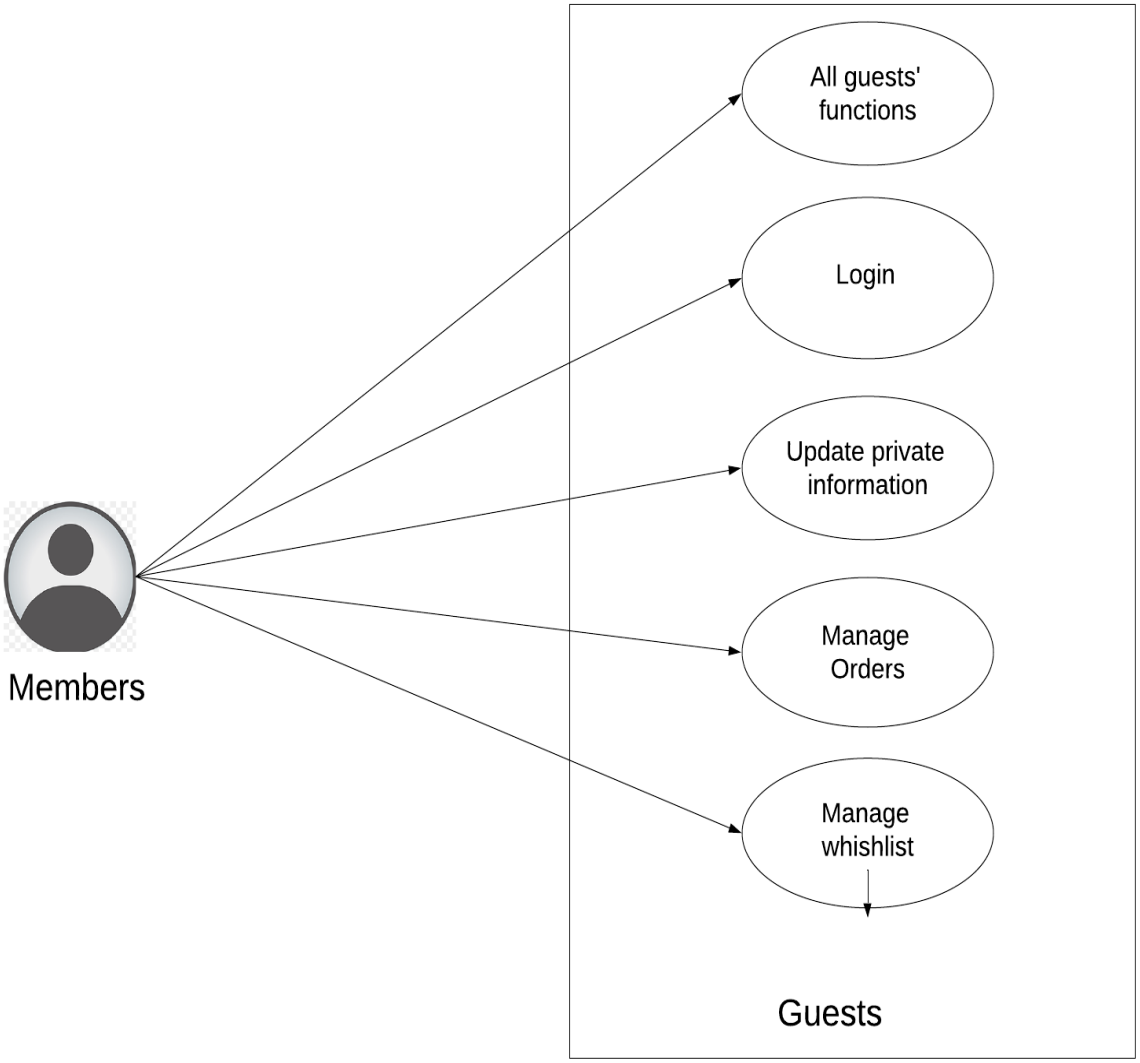


g. Sign up

Author	PHAM HUU NHAN	
Use Case Name	Sign up	
Actors	Guests	
Description	Guest wants to sign up with the website to become a member.	
	Actor Actions	System Responses
Basic flow	1. Input information, select avatar and clicks on Submit button	2. Check the information [Exception 1] 3. Display login page.
Exception	[Exception 1] 1. Actor left First Name blank 2. Actor left Last Name blank 3. Actor left Phone Number blank 4. Actor left Gender blank 5. Actor left Email blank 6. Email is in wrong format. 7. Password length is less than 3. 8. Confirm Password does not match with Password 9. Actor select a non-image file for Avatar 10. Actor select an image file which has size larger than 1Mb.	Display error message: 1. “First Name can not be blank” 2. “Last Name can not be blank” 3. “Phone Number can not be blank” 4. “Gender can not be blank” 5. “Email can not be blank” 6. “Email is in wrong format” 7. “Password length must be greater than 3” 8. “Confirm Password does not match with Password” 9. “Selected file is not an image file” 10. “Image file’s size is larger than 1Mb”

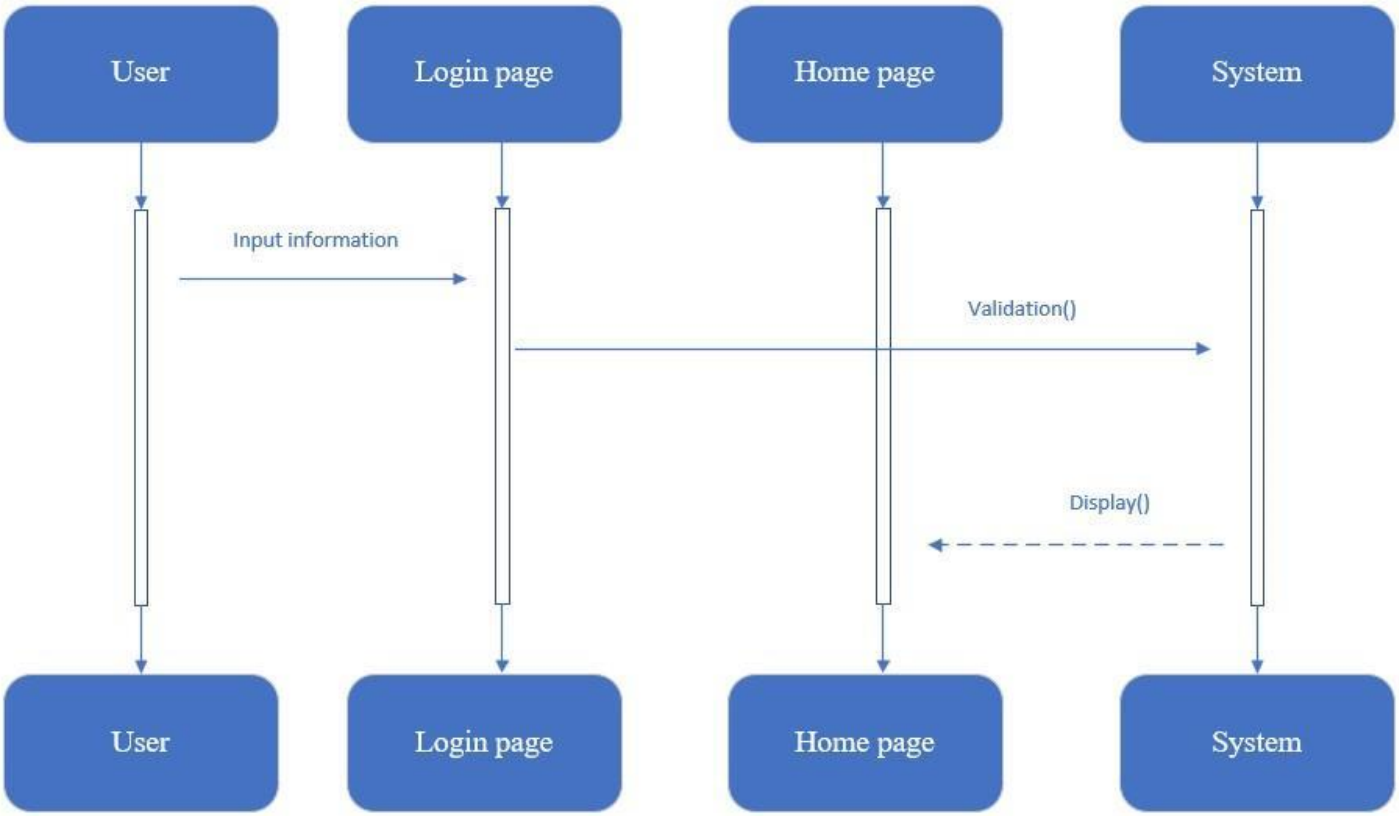

User
Register page
Login page
System
Input information
Validation()
Create account
Display()
User
Register page
Login page
System

2. Members:


All guests' functions
Login
Update private information
Manage Orders
Manage whishlist
Members
Guests

a. Login

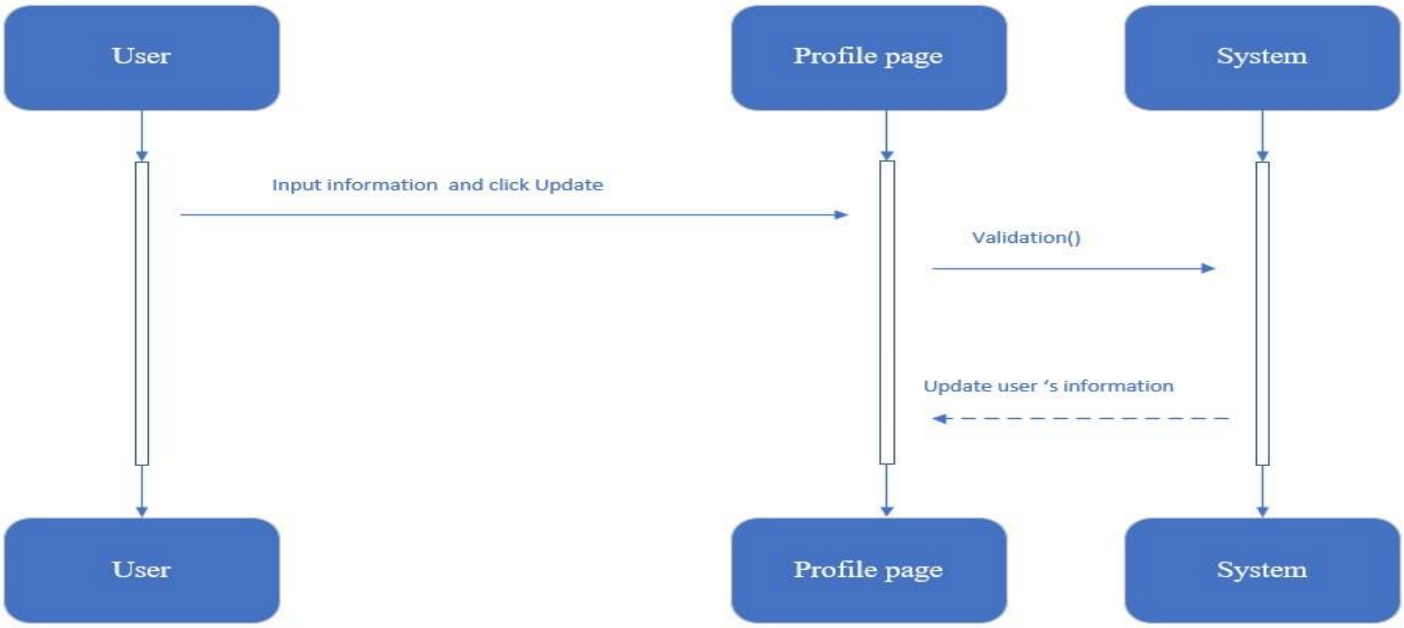
Author	PHAM HUU NHAN	
Use Case Name	Login	
Actors	Members	
Description	Customers log in with their registered email and password.	
	Actor Actions	System Responses
Basic flow	1. Input email and password and clicks on Submit button	2. System check email and password [Exception 1] 3. System tracks the user's information and display Home page
Exception	[Exception 1] 1. Actor left the Email blank 2. Actor left the Password blank 3. Actor inputs wrong email or password	Display error message: - "Email can not be blank" - "Password can not be blank" - "Wrong email or Password"


User
Login page
Home page
System
Input information
Validation()
Display()
User
Login page
Home page
System

b. Update private information

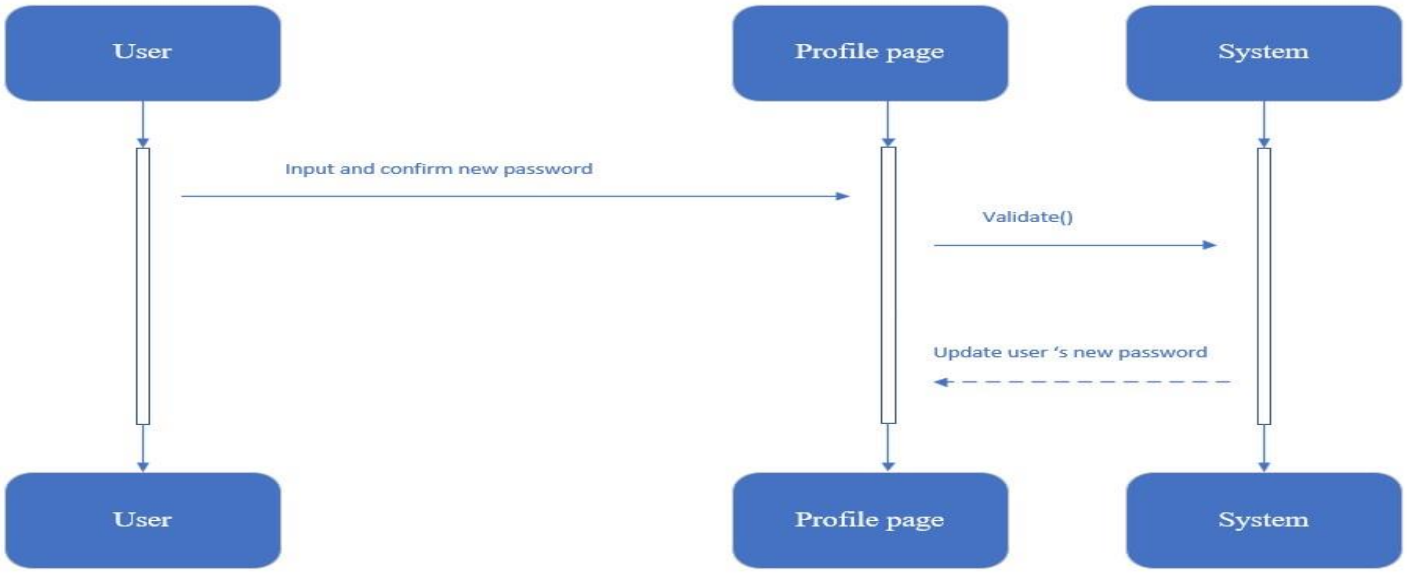
b.1. Update information:

Author	PHAM HUU NHAN	
Use Case Name	Update information	
Actors	Members	
Description	Customers want to change their private information	
Requirements	Login as member	
	Actor Actions	System Responses
Basic flow	1. Actors change Avatar, First Name, Last Name, Phone, Gender.	2. System check information [Exception 1] 3. Update new information to data in Customers table.
Exception	[Exception 1] 1. Actor left First Name blank 2. Actor left Last Name blank 3. Actor left Phone Number blank 4. Actor left Gender blank	Display error message: 1. "First Name can not be blank" 2. "Last Name can not be blank" 3. "Phone Number can not be blank" 4. "Gender can not be blank"


User
Profile page
System
Input information and click Update
Validation()
Update user 's information
User
Profile page
System

b.2.Changepassword:

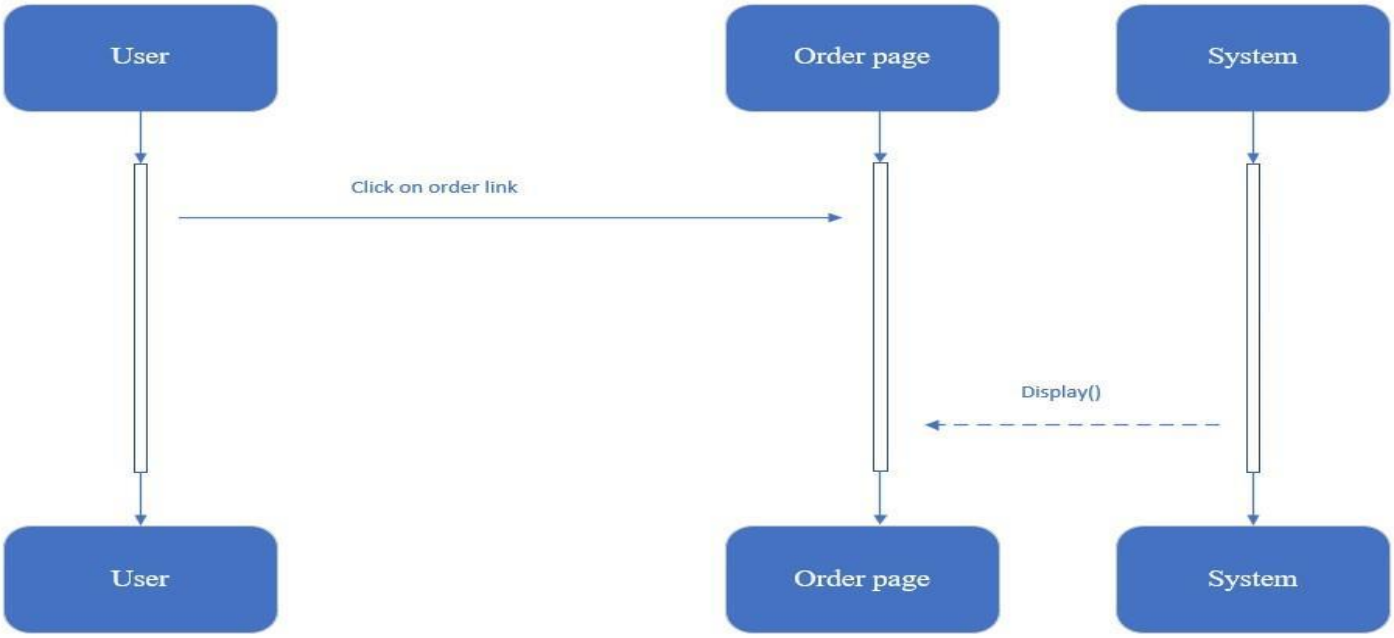
Author	PHAM HUU NHAN	
Use Case Name	Update information – Change password	
Actors	Members	
Description	Customer want to change the registered password	
Requirements	Login as members	
	Actor Actions	System Responses
Basic flow	1. Input Old Password, New Password and Confirm Password	2. Check information [Exception 1] 3. Update New Password into Customers table
Exception	[Exception 1] 1. Old Password is wrong. 2. New Password length is less than 3 3. Confirm Password does not match with New Password	Display error message: - "Old Password is wrong" - "New Password length is less than 3" - "Confirm Password does not match with New Password"



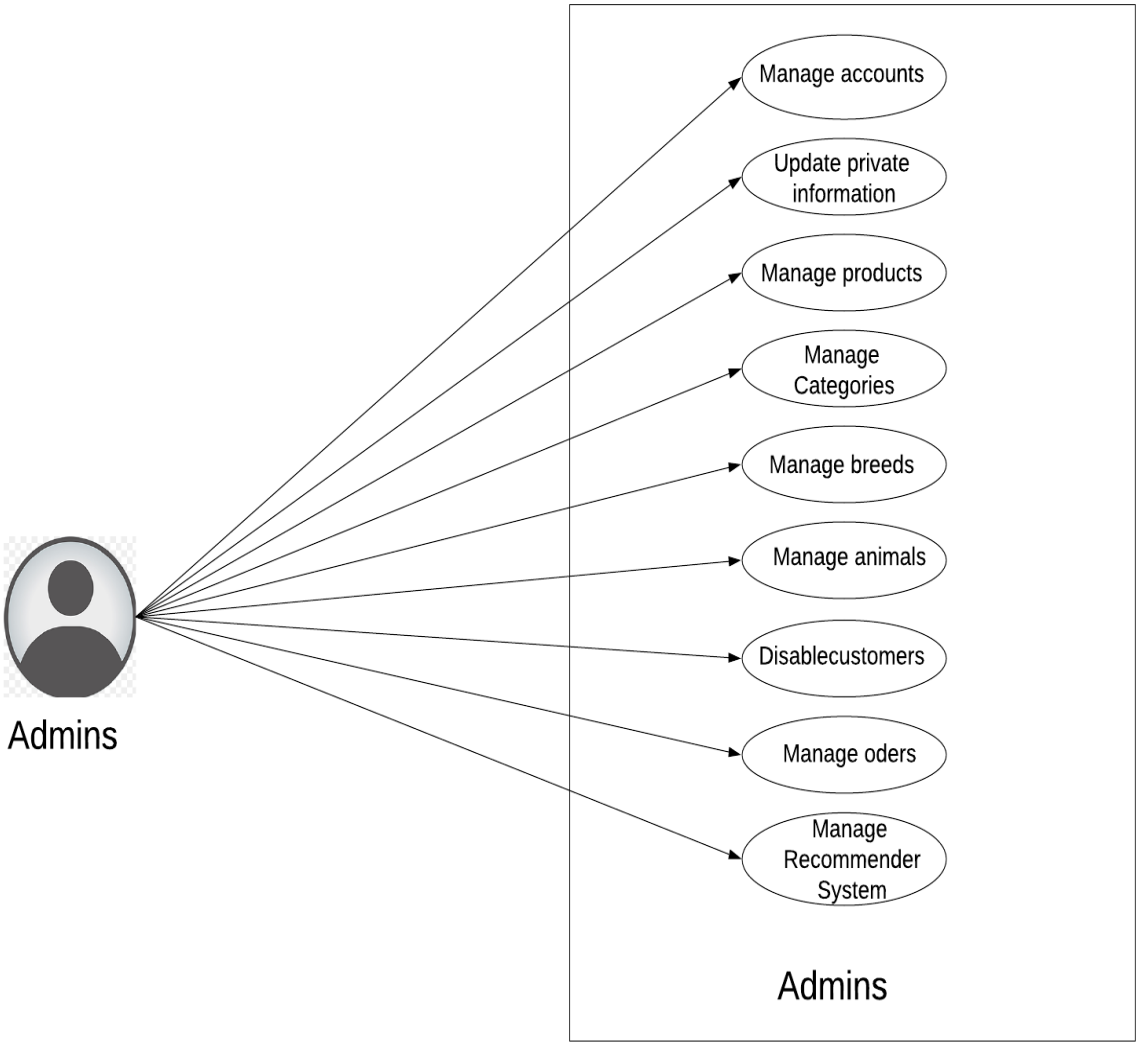
c. Manage orders

c.1. View all orders:

Author	PHAM HUU NHAN	
Use Case Name	Search – Search button	
Actors	Members	
Description	Customers can view all orders they made	
Requirements	Login as member	
	Actor Actions	System Responses
Basic flow	1. Clicks on Orders page link	2. System search all Orders and Orders Details which satisfy the current customerID and display in Orders page.


User
Order page
System
Click on order link
Display()
User
Order page
System

3. Admins:

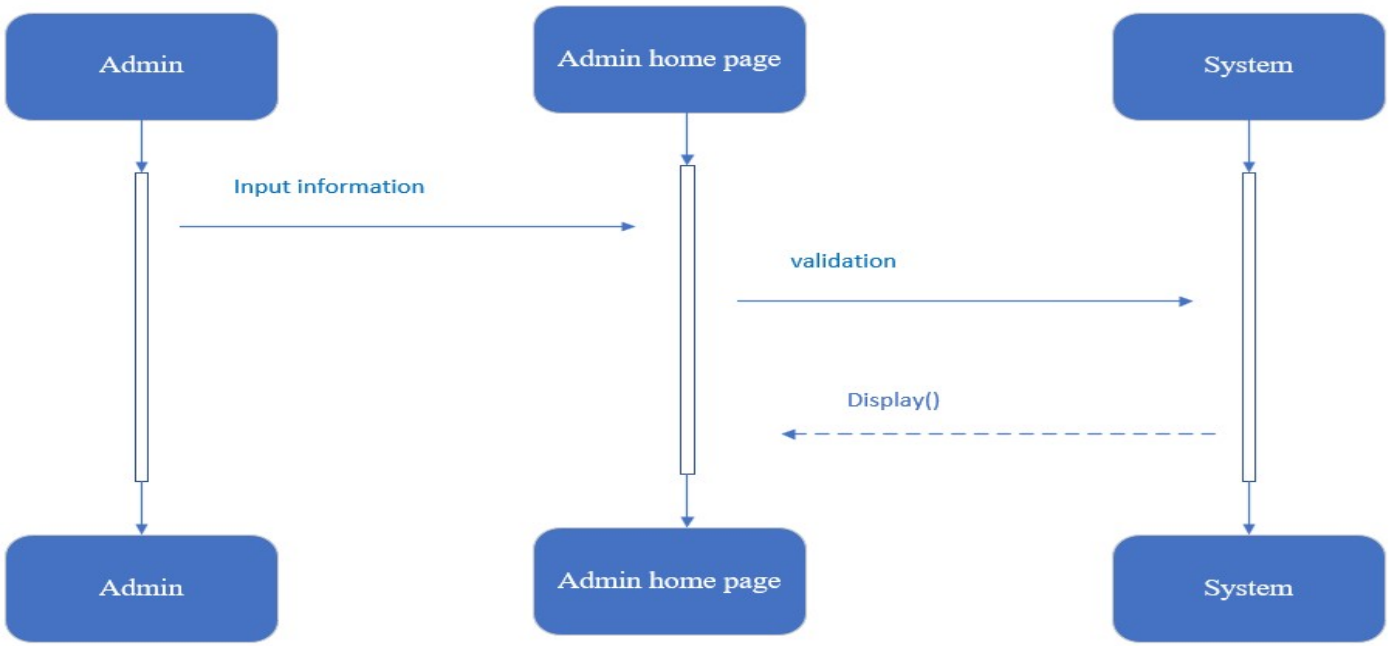


	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

a. Update account information

a.1. Update information

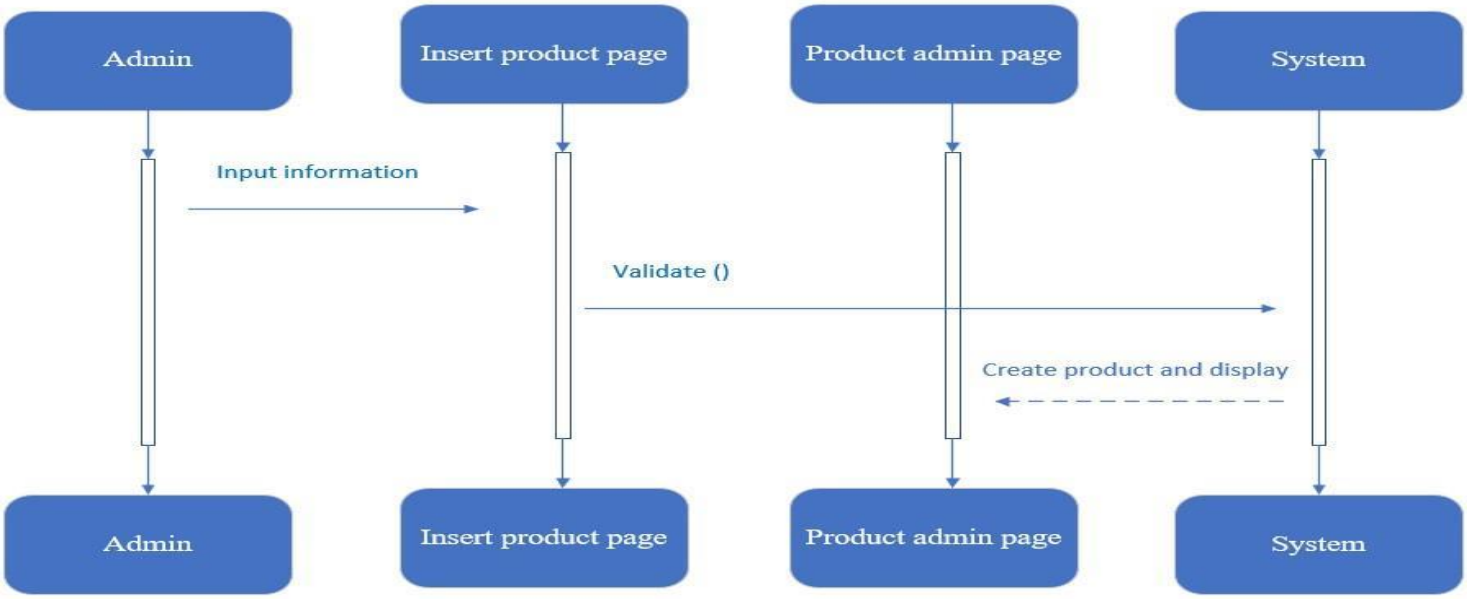
Author	PHAM HUU NHAN	
Use Case Name	Update information	
Actors	Admins	
Description	Admins want to change their private information	
Requirements	Login as admin	
	Actor Actions	System Responses
Basic flow	1. Change Full Name	2. System check information [Exception 1] 3. Update new information to data in Admins table.
Exception	[Exception 1] 1. Actor left Full Name blank	Display error message: 1. “Full Name can not be blank”



b. Manage products

b.1. Insert

Author	DO KHANH DUY	
Use Case Name	Manage Products – Insert	
Actors	Admins	
Description	Admins want to insert new products	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	1. Input information to input fields: productID,ProductName,Price, Category, Brand, Images, Description and proStatus,proDate. Then clicks on Insert button.	2. System check the information [Exception 1] 3. Create new product in database 4. Display ProductAdmin page.
Exception	[Exception 1] 1. Actor left Product Name blank 2. Actor left Price blank 3. Actor left Description blank 4. Actor left Image	Display error message: - "Product Name can not be blank" - "Price can not be blank" - "Description can not be blank" -



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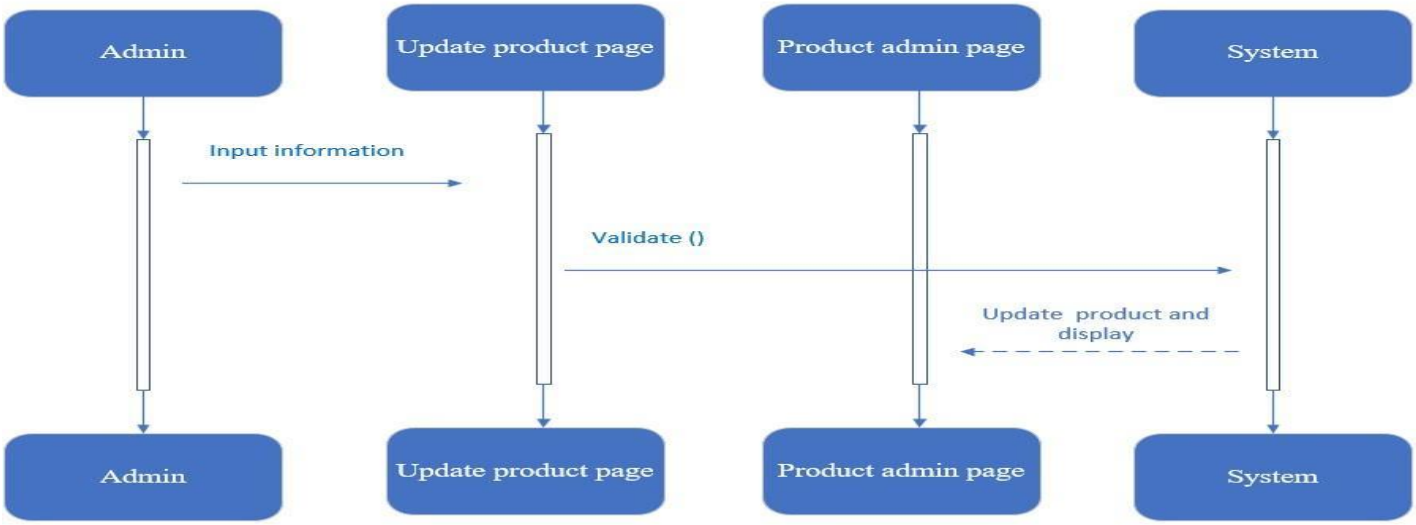
Signature:		
Date		

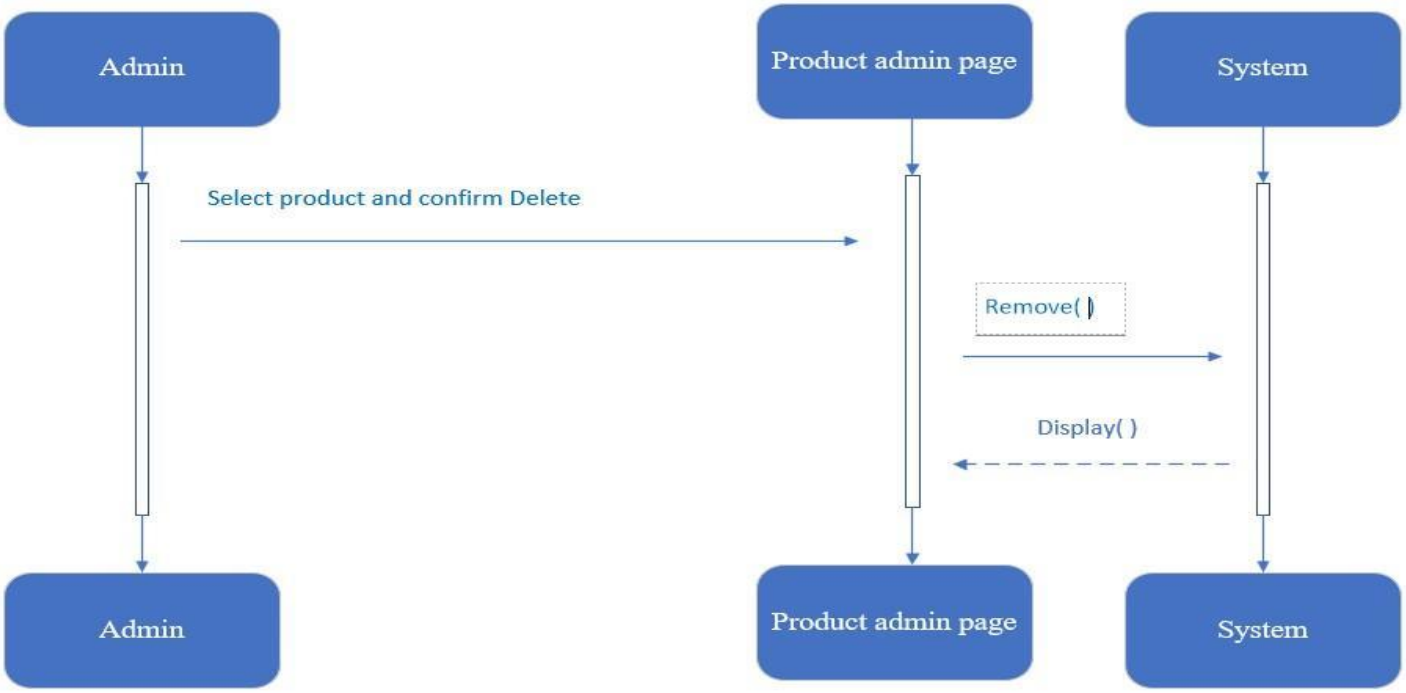
b.2. Update

Author	DO KHANH DUY	
Use Case Name	Manage Products – Update	
Actors	Admins	
Description	Admins want to update existed products' information	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	1. Input information to input fields: productID,ProductName,Price, Category, Brand, Images, Description and proStatus,proDate. Then clicks on Update button..	2. System check the information [Exception 1] 3. Update information in database 4. Display ProductAdmin page.
Exception	[Exception 1] 1. Actor left Product Name blank 2. Actor left Price blank 3. Actor left Description blank	Display error message: - "Product Name can not be blank" - "Price can not be blank" - "Description can not be blank"



b.3. Delete

Author	DO KHANH DUY	
Use Case Name	Manage Products – Delete	
Actors	Admins	
Description	Admins want to disable existed products	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	1. Clicks on Remove button 3. Clicks on “Yes” to confirm deleting 5. Clicks on “No” to cancel deleting	2. Display 2 buttons: “Yes” and “No” 4. Change status value of chosen product to from Products table. 6. Hide the 2 buttons. 7. Display ProductAdmin page

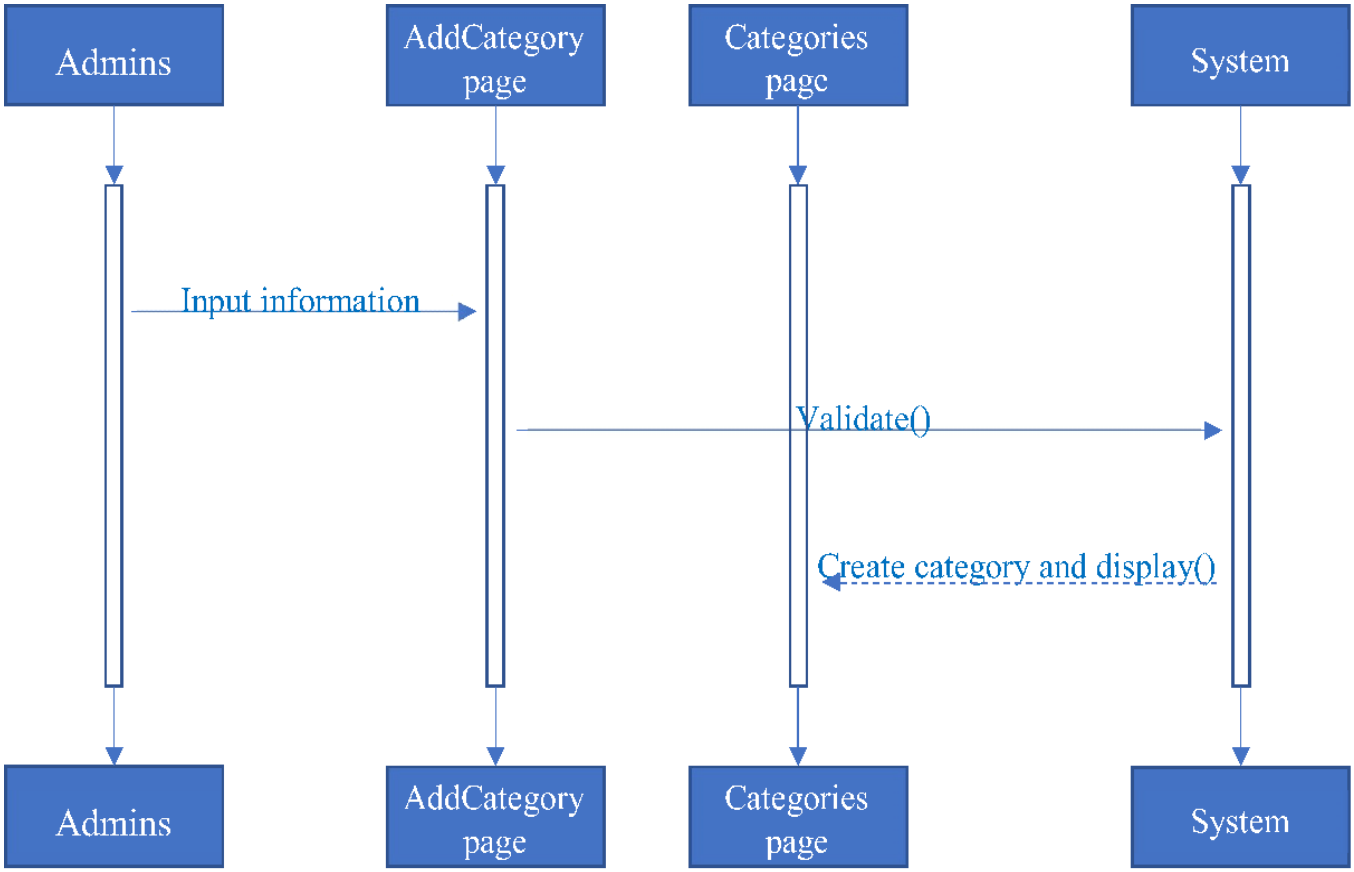


c. Manage categories

c.1. Insert

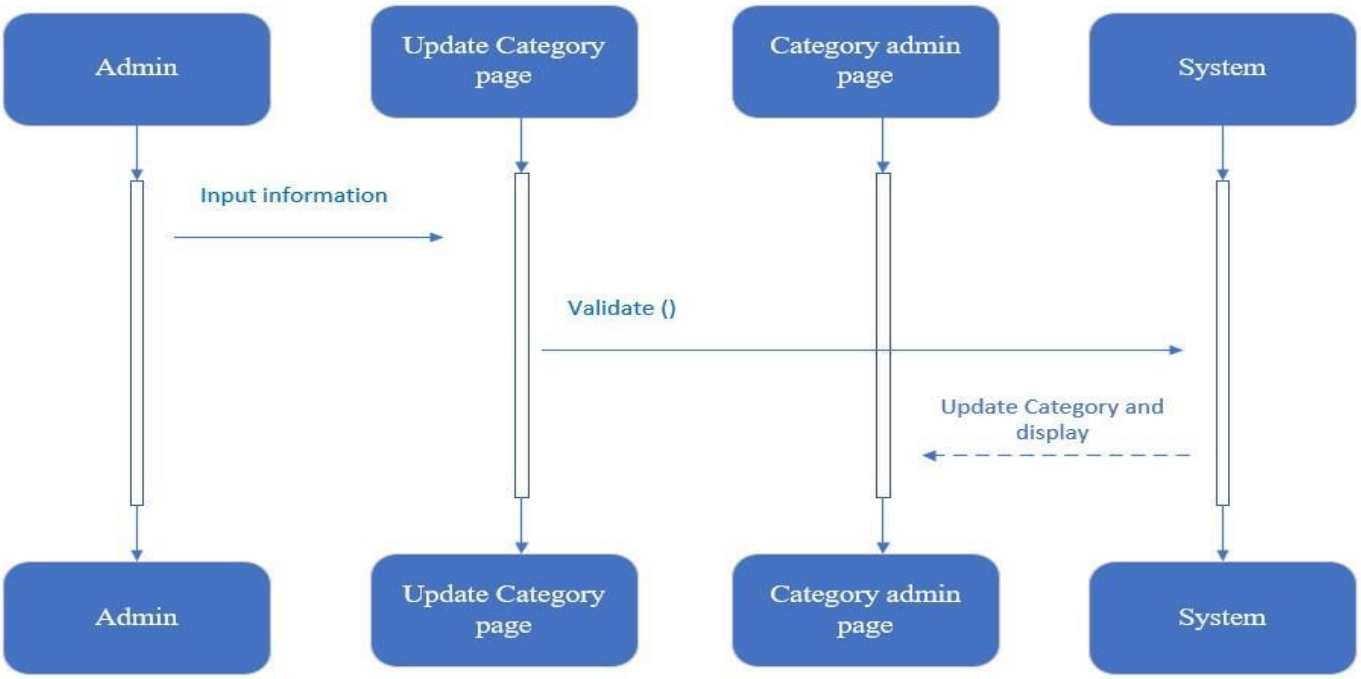
Author	DO KHANH DUY
Use Case Name	Manage Categories – Insert
Actors	Admins

Description	Admins want to insert new categories	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	1. Input information to input fields: Category Name and Image. Then clicks on Insert button.	2. System check the information [Exception 1] 3. Create new category in database 4. Display Categories page.
Exception	[Exception 1] 1. Actor left Category Name blank	Display error message: - “Category Name can not be blank”


Admins
AddCategory page
Categories page
System
Input information
Validate()
Create category and display()
Admins
AddCategory page
Categories page
System

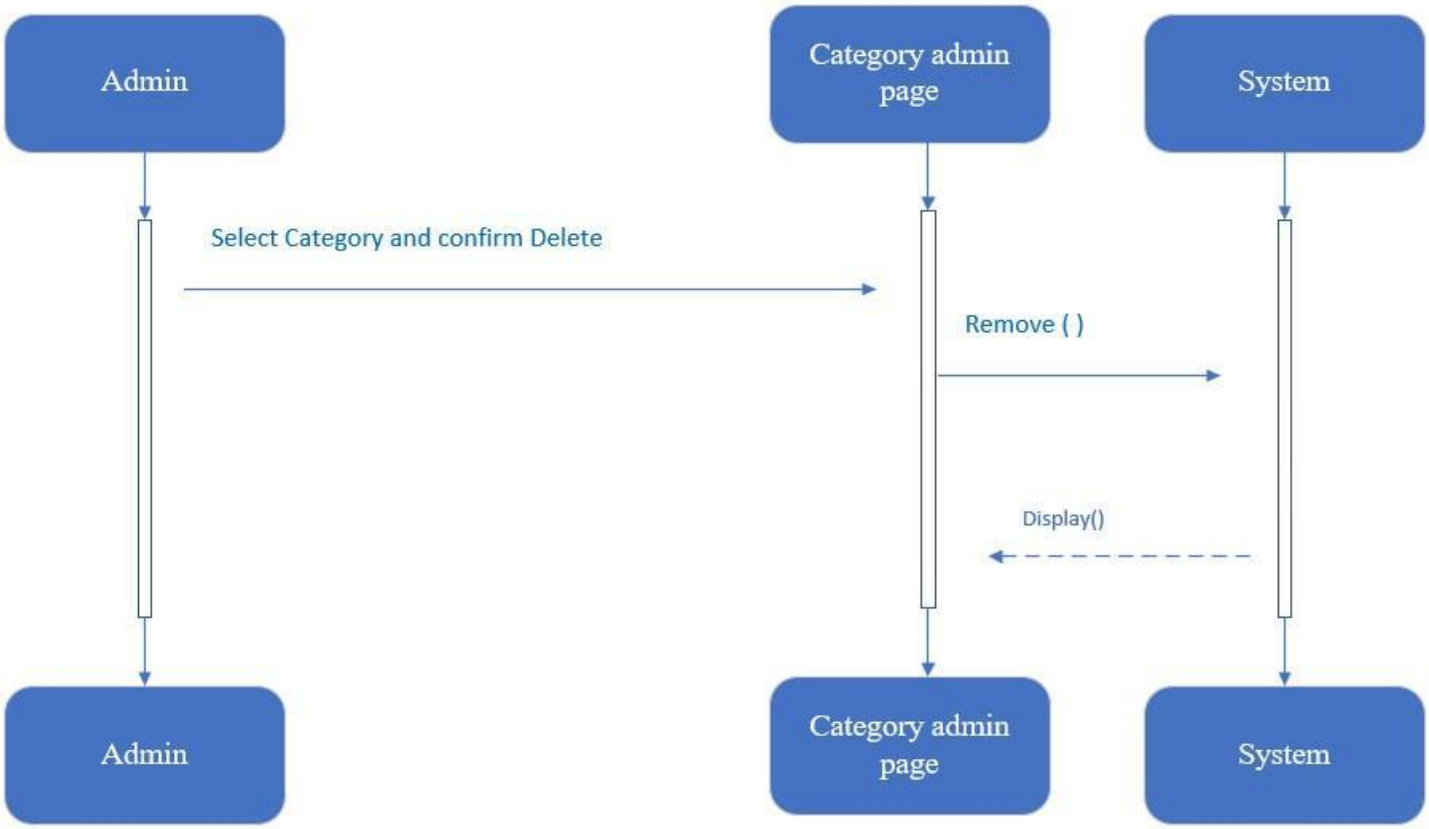
c.2. Update

Author	DO KHANH DUY	
Use Case Name	Manage Categories – Update	
Actors	Admins	
Description	Admins want to update existed categories' information	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	1. Input information to input fields: Category Name and Image. Then clicks on Update button.	2. System check the information [Exception 1] 3. Update existed category in database 4. Display Categories page.
Exception	[Exception 1] 1. Actor left Category Name blank	Display error message: - "Category Name can not be blank"



c.3. Delete

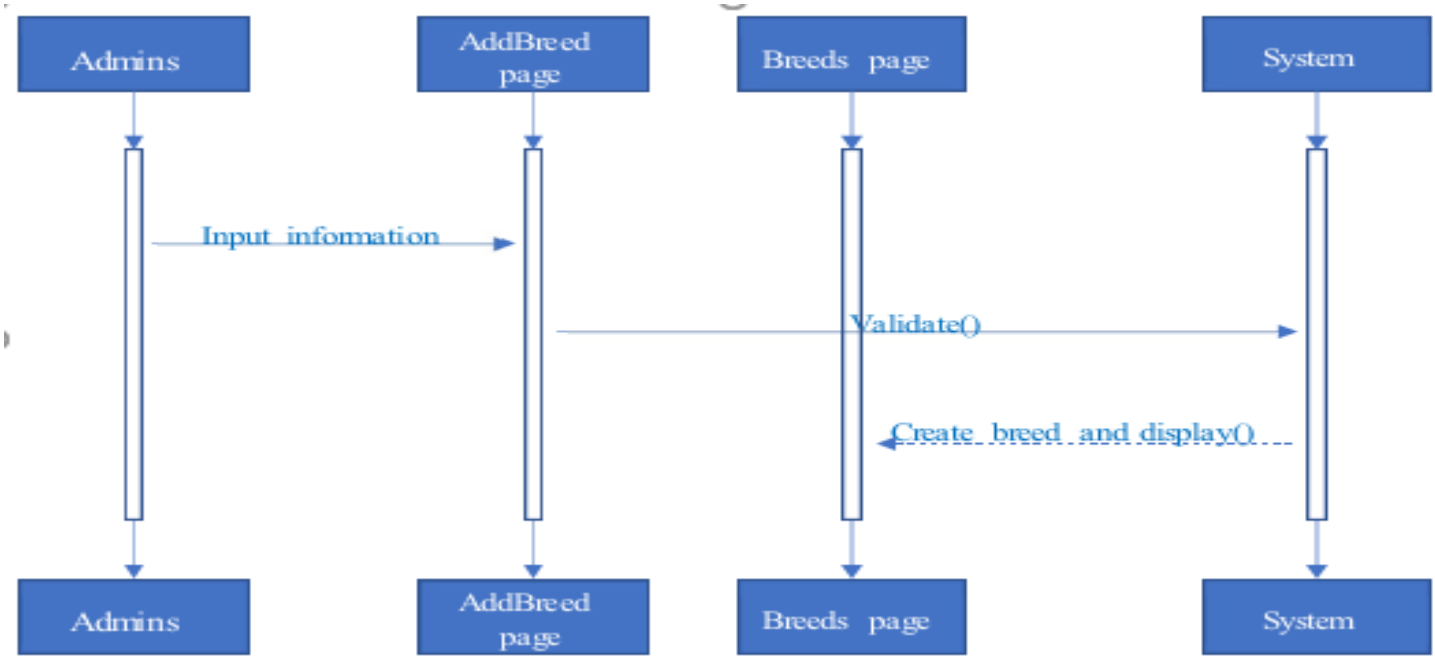
Author	DO KHANH DUY	
Use Case Name	**Manage Categories – Delete**	
Actors	**Admins**	
Description	**Admins want to delete existed categories**	
Requirements	**Login as Admins**	
	Actor Actions	System Responses
Basic flow	**1. Clicks on Delete button** **3. Clicks on "Yes" to confirm deleting** **5. Clicks on "No" to cancel deleting**	**2. Display 2 buttons: "Yes" and "No" 4. Change status value of chosen product to from Categories table.** 6. **Hide the 2 buttons.** 7. **Display Categories page**


Admin
Category admin page
System
Select Category and confirm Delete
Remove ( )
Display()
Admin
Category admin page
System

d. Manage breeds

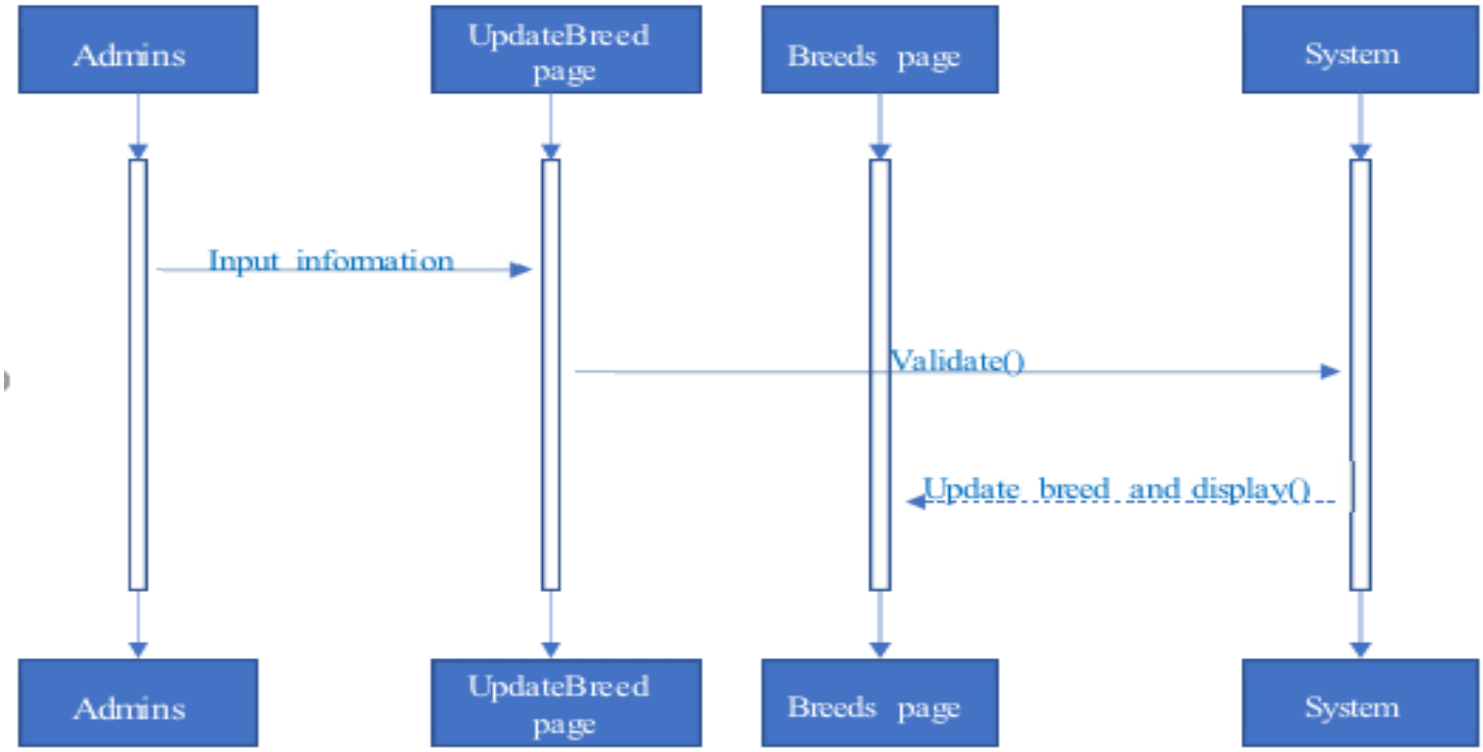
d.1. Insert

Author	DO KHANH DUY	
Use Case Name	Manage Breeds – Insert	
Actors	Admins	
Description	Admins want to insert new Breeds	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	1. Input information to input fields: Breed Name, Image and Description. Then clicks on Insert button.	2. System check the information [Exception 1] 3. Create new breed in database 4. Display Breeds page.
Exception	[Exception 1] 1. Actor left Breed Name blank	Display error message: - "Breed Name can not be blank"



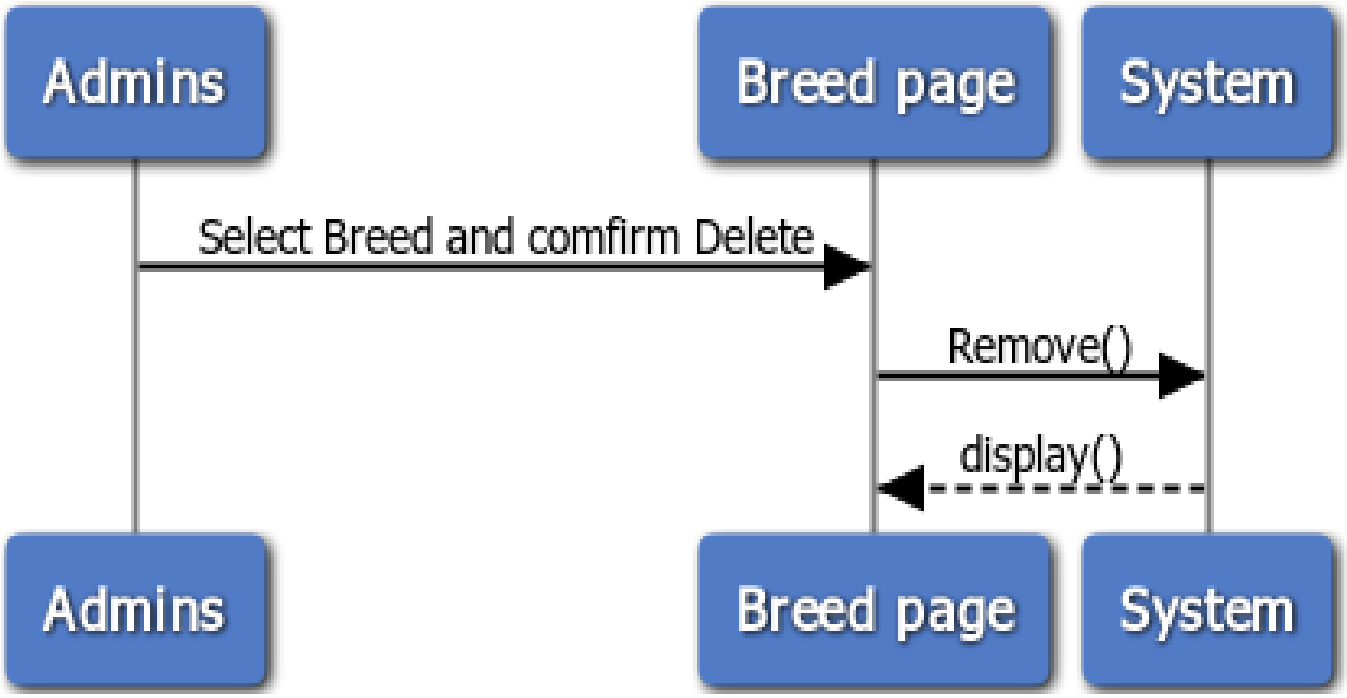
d.2. Update

Author	DO KHANH DUY	
Use Case Name	**Manage Breeds – Update**	
Actors	**Admins**	
Description	**Admins want to update existed breeds' information**	
Requirements	**Login as Admins**	
	Actor Actions	System Responses
Basic flow	**1. Input information to input fields: Breed Name, Image and Description. Then clicks on Update button.**	**2. System check the information [Exception 1]** **3. Update existed breed in database** **4. Display Breeds page.**
Exception	**[Exception 1]** **1. Actor left Breed Name blank**	**Display error message:** **- "Breed Name can not be blank"**



d.3. Delete

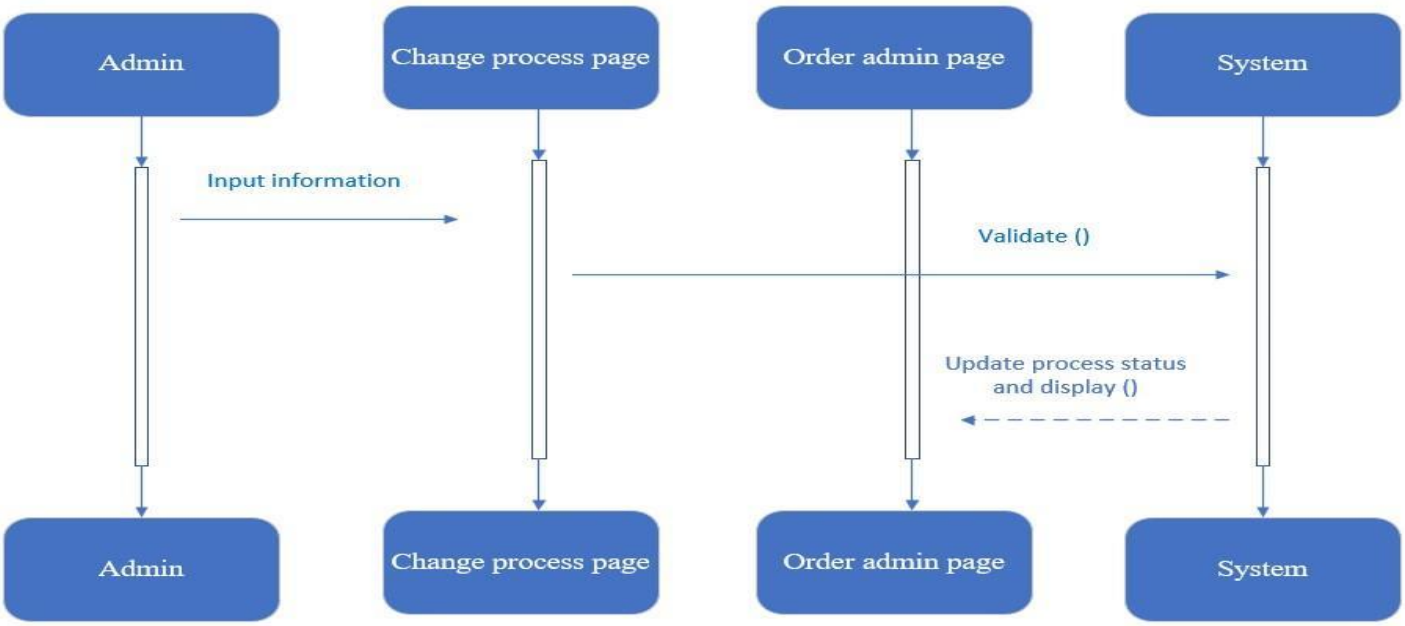
Author	DO KHANH DUY	
Use Case Name	**Manage Breeds – Delete**	
Actors	**Admins**	
Description	**Admins want to disable existed breeds**	
Requirements	**Login as Admins**	
	Actor Actions	System Responses
Basic flow	**1. Clicks on Disable button** **3. Clicks on "Yes" to confirm deleting** **5. Clicks on "No" to cancel deleting**	**2. Display 2 buttons: "Yes" and "No" 4. Change status value of chosen product to from Breeds table.** 6. **Hide the 2 buttons.** 7. **Display Breeds page**



i. Manage orders

i.1. Change orders' status

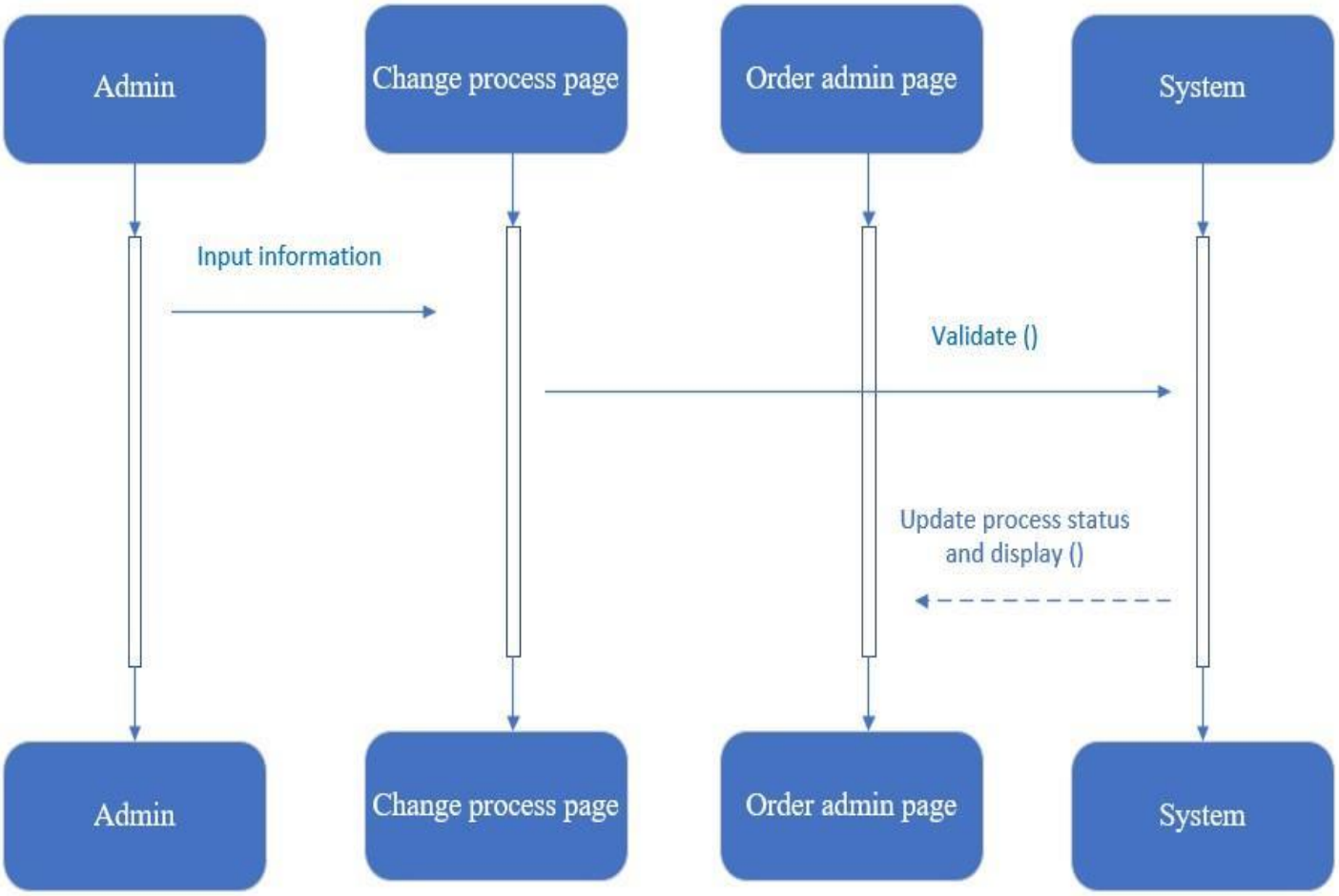
Author	Nguyen Hoang Bao	
Use Case Name	Manage Orders – Change orders' status	
Actors	Admins	
Description	Admins want to update orders' status	
Requirements	Login as Admins	
	Actor Actions	System Responses
Basic flow	2. Select new value in dropdown list: Process Status. Then clicks on Update button.	1. System only display possible value base on current value in dropdown list for Admins to select: + Current: "Processing" => Display: "Hold" and "Completed" + Current: "Hold" => Display: "Completed" + Current: "Completed" => Disable dropdown list and Update button. 3. Update existed order in database 4. Display OrdersAdmin page.



i.2. Cancel

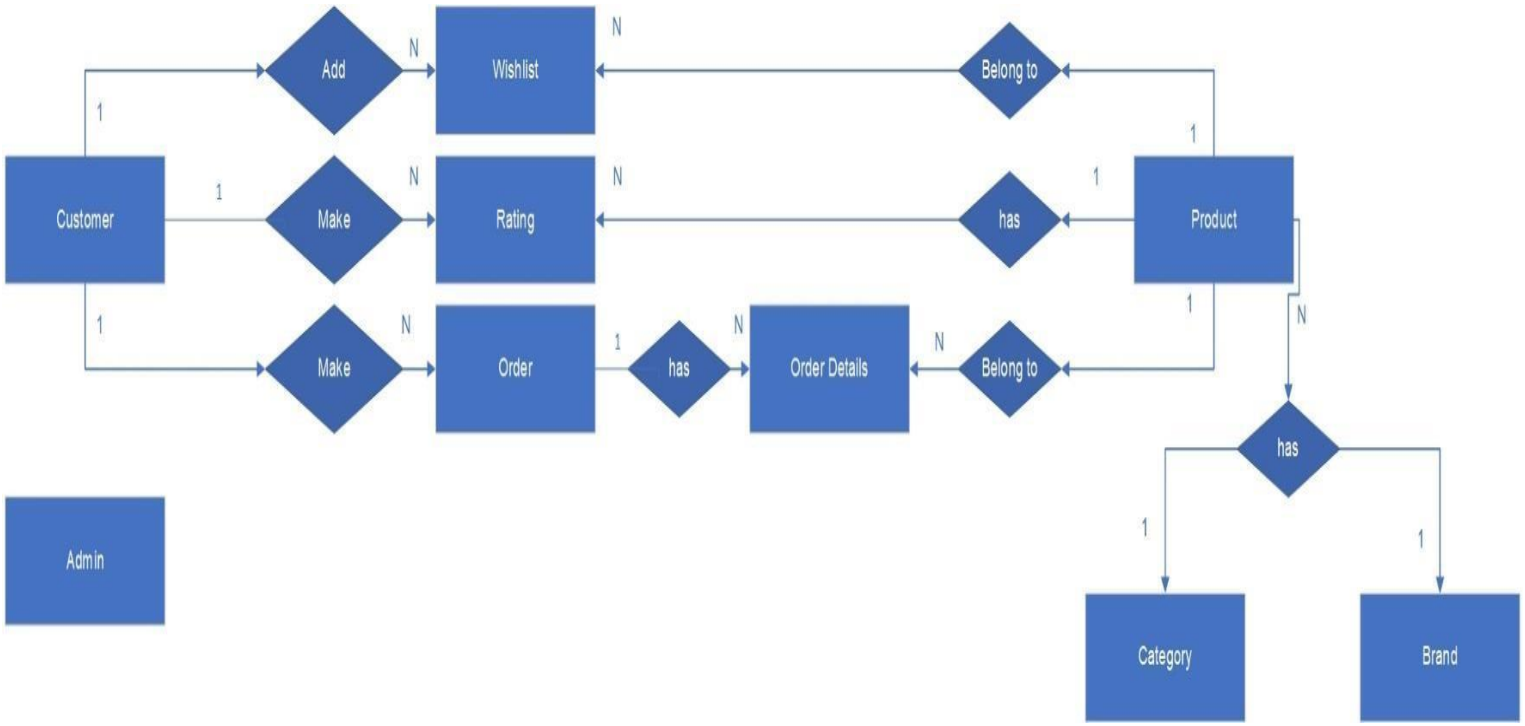
Author	**Nguyen Hoang Bao**	
Use Case Name	**Manage Orders – Cancel**	
Actors	**Admins**	
Description	**Admins want to cancel order**	
Requirements	**Login as Admins**	
Pre-conditions	**Process Status is not “Completed”**	
	Actor Actions	System Responses

Basic flow	**2. Clicks on Cancel button** **4. Clicks on "Yes" to confirm canceling** **6. Clicks on "No" to cancel canceling**	**1. if Process Status is "Completed", disable "Cancel" button.** **3. Display 2 buttons: "Yes" and "No" 5. Change status value of chosen product to from Orders table.** 7. **Hide the 2 buttons.** 8. **Display OrdersAdmin page**



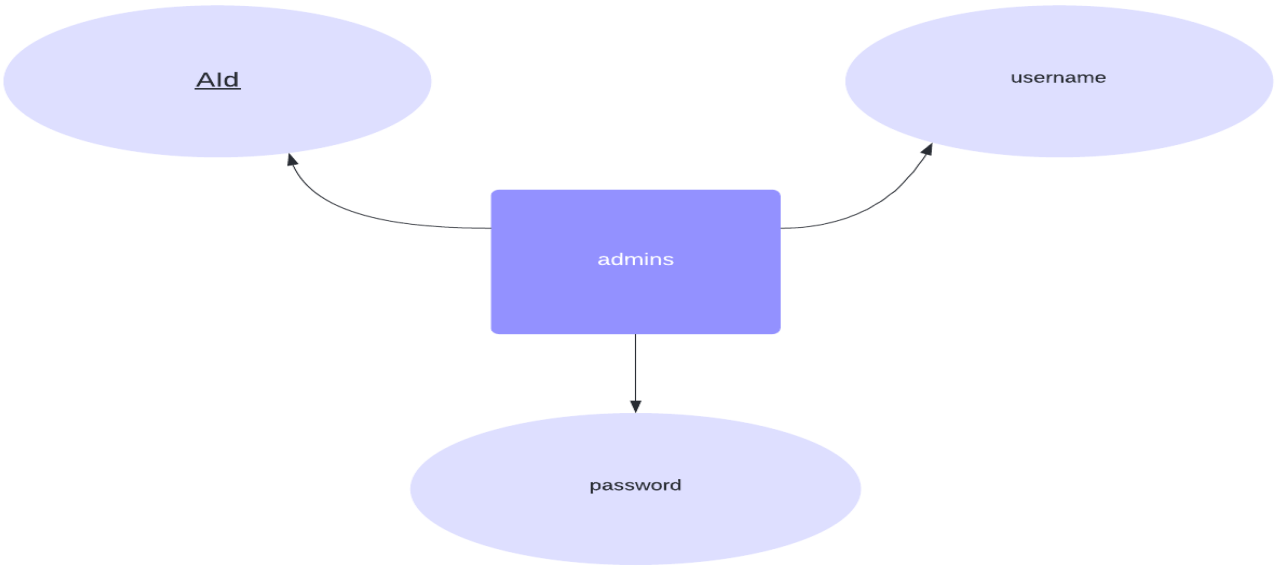
II. Entity Relationship Diagram (ERD):

1. Logical



2. Tables:

a. Admins:


AId
username
admins
password

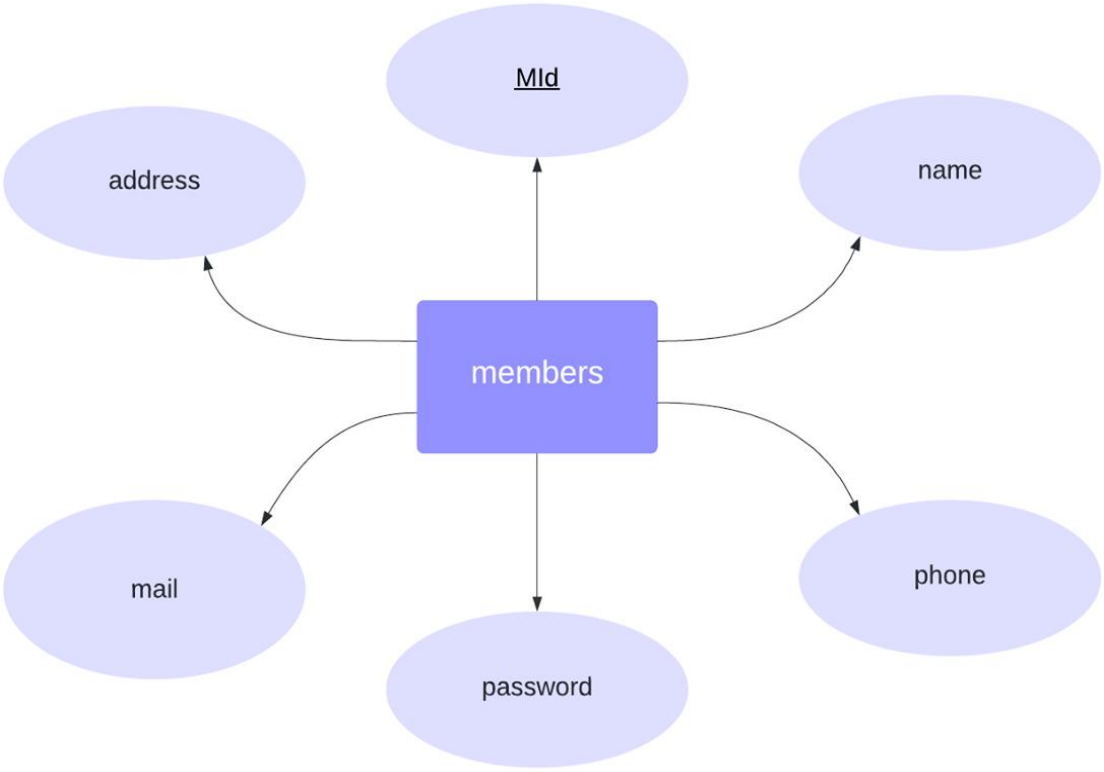
b. Categories:

c. Animals:

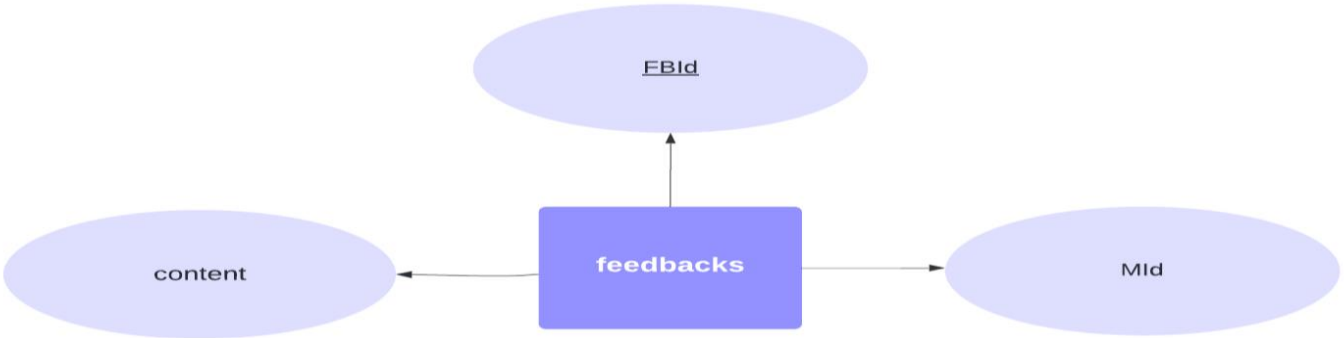
d. Breeds:

CPId
breeds
name

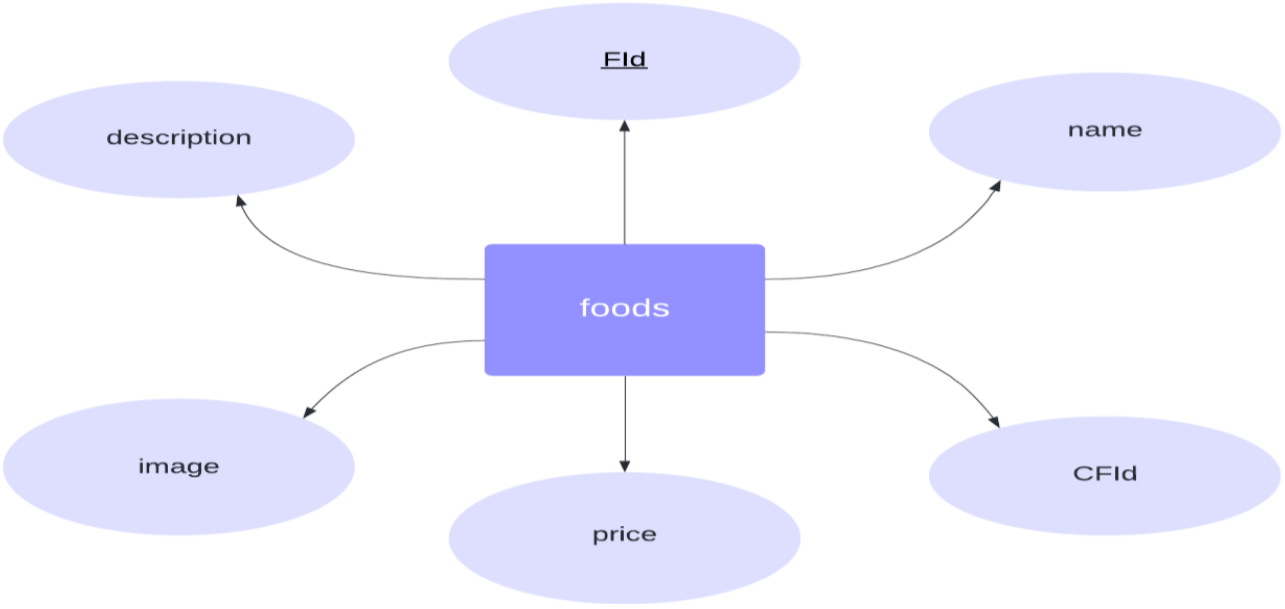
e. Members:


MId
address
name
members
mail
phone
password

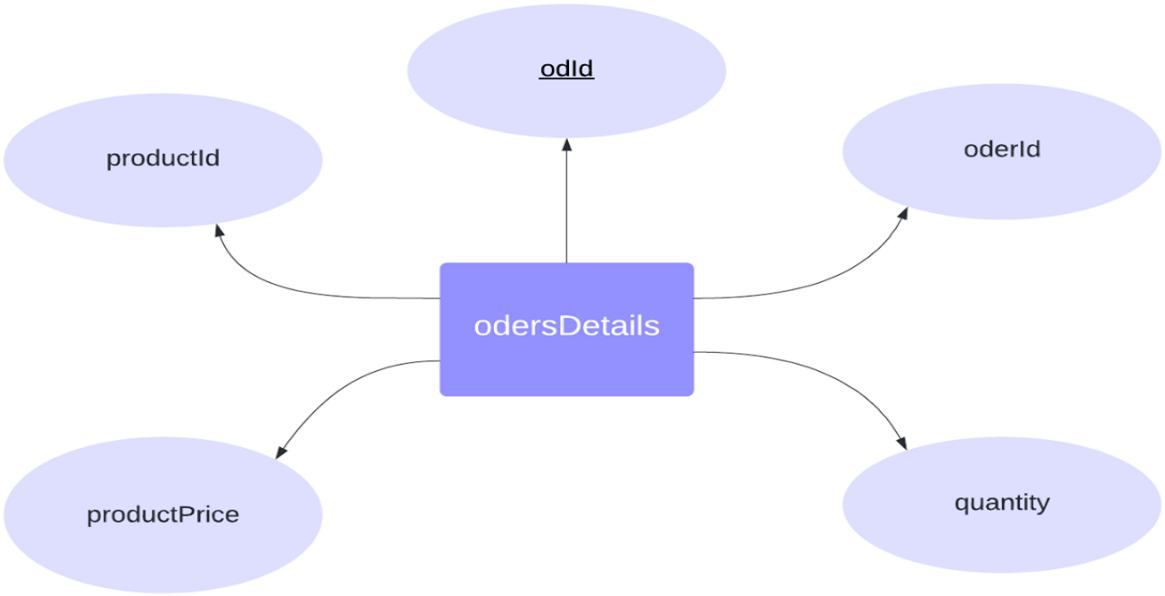
f. Feedbacks:



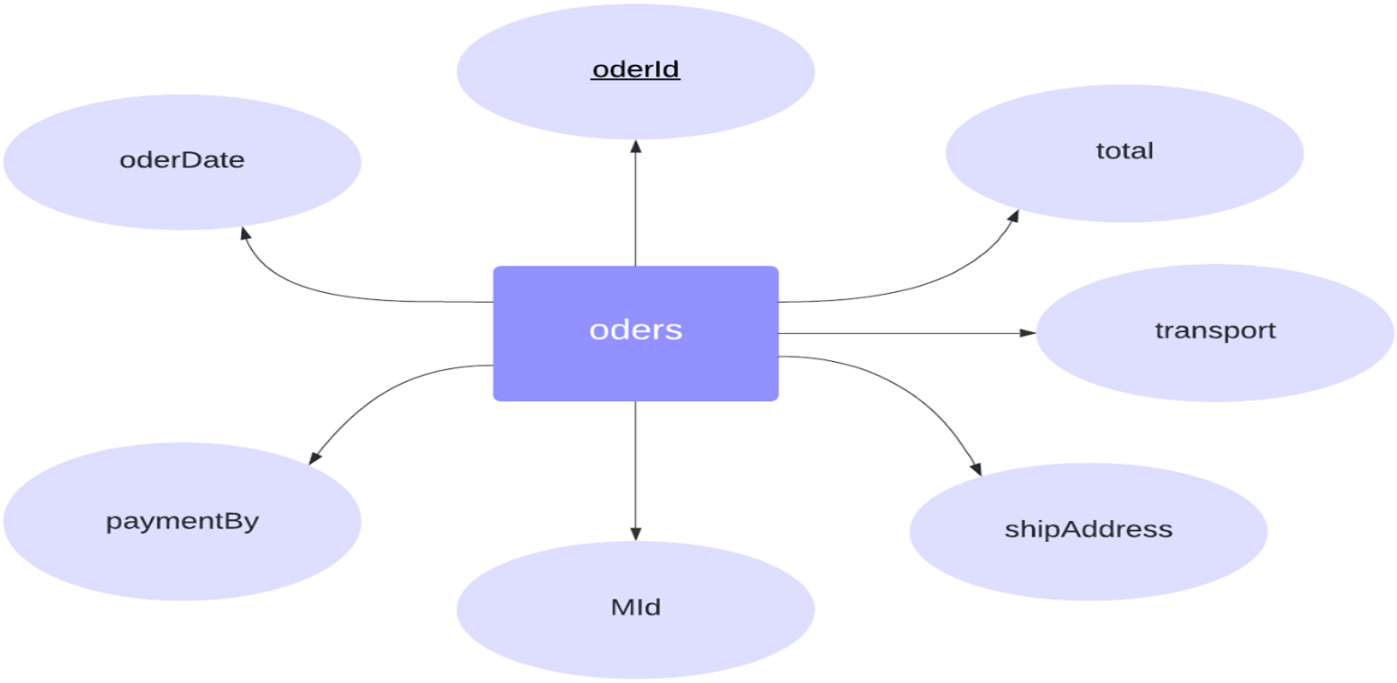
g. Foods:



h. OrdersDetails:



i. Orders:



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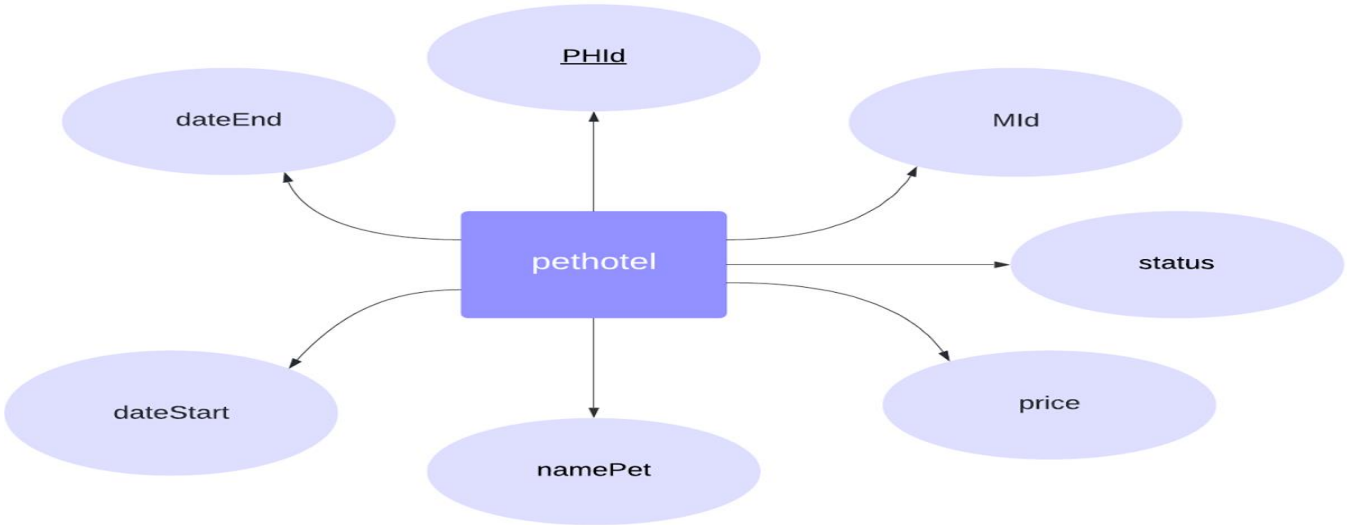
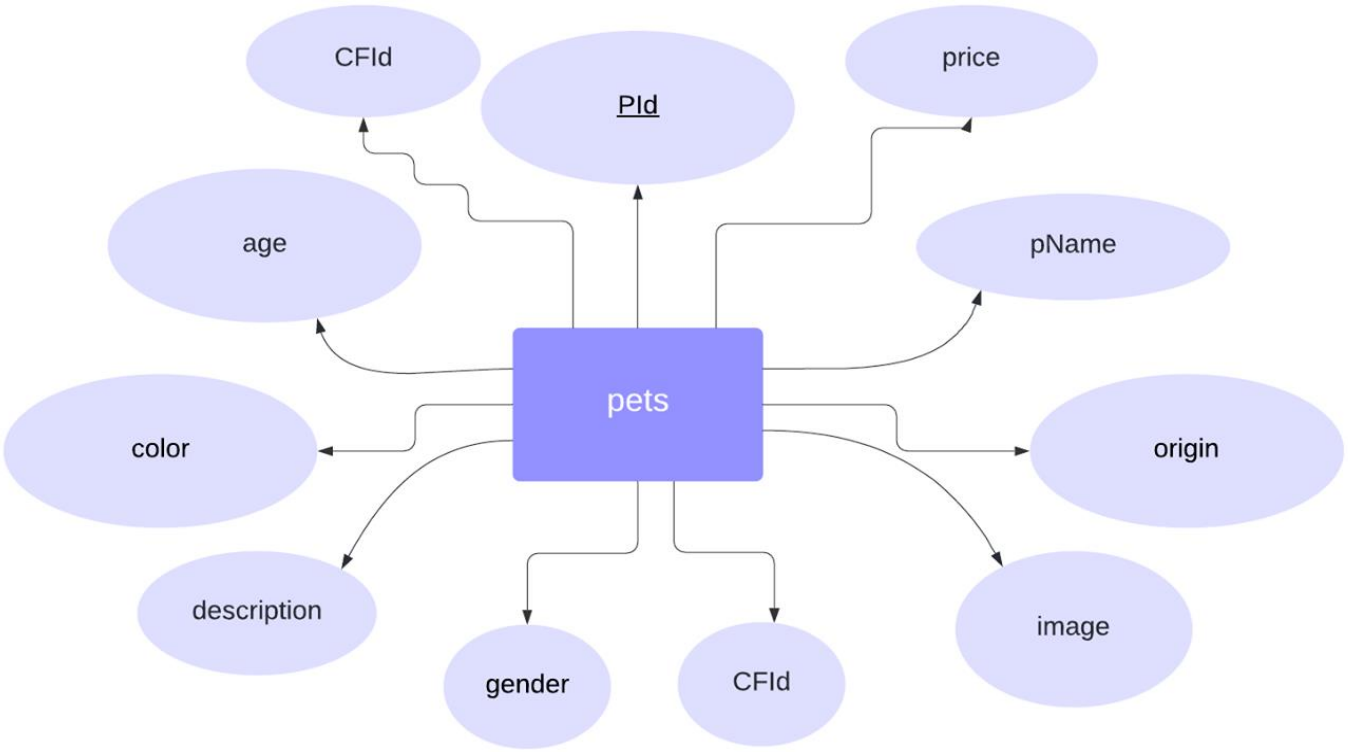
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

e.Pet Hotel:

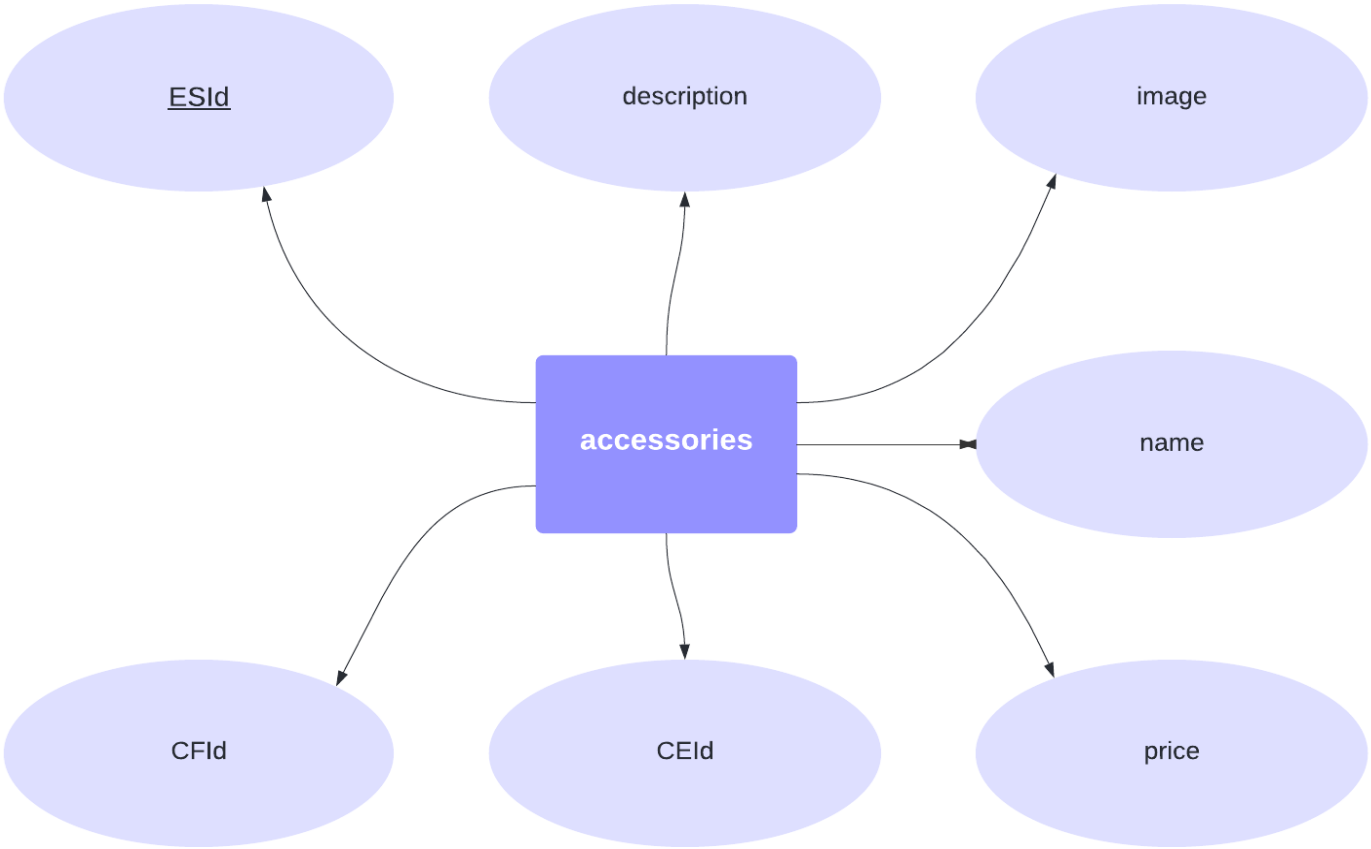


u.Pets:



	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

w.Accessories:



I. Table Definition

1. Accessories:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	ESId	varchar(10)	No			Accessories's Id
	description	varchar(250)	Yes			Accessories's Description
	image	varchar(250)	Yes			Accessories's Image
	name	varchar(50)	Yes			Accessories's Name
	price	int	Yes			Accessories's Price
FK	CEId	int	Yes		cateES (CEId)	Accessories's CateES
FK	CFId	int	Yes		animals (CFId)	Accessories's Animals

2. Admins:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	AId	int	No			Admin's Id
	mail	varchar(50)	Yes			Admin's mail
	password	Varchar(20)	Yes			Password to login as admin

3. Animals:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	CFId	int	No			Animals's Id
	name	varchar(100)	Yes			Animals's name

4. Breeds:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	CPId	int	No			Breeds's Id
	name	varchar(20)	Yes			Breeds's name

5. CateES:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	CEId	int identity(1,1)	No			CateES's Id
	name	varchar(50)	yes			CateES's name

6. Feedbacks:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	FBId	int identity(1,1)	No			Feedbacks's id
	[content]	varchar(250)	No			Orders' IDs
FK	MId	int	No		Members(MId)	Feedbacks from members

7. Foods:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	FId	varchar(10)	No			Foods's id
	description	varchar(200)	Yes			Foods's description
	image	varchar(250)	Yes			Foods's image
	name	varchar(250)	Yes			Foods's name
	price	int	Yes			Foods's price
FK	CFId	int	Yes		Animals(CFId)	Foods for animals

8. Members:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	MId	int identity(1,1)	No			Members's id
	address	varchar(50)	Yes			Members's address
	mail	varchar(50)	Yes			Members's mail
	name	varchar(50)	Yes			Members's name
	password	varchar(20)	Yes			Password for members to login
	phone	varchar(20)	Yes			Members's id phone

9. Pets:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	PId	varchar(10)	No			Pet's Id
	age	varchar(50)	Yes			Pet's age
	color	varchar(20)	Yes			Pet's color
	description	varchar(250)	Yes			Pet's description
	gender	bit	Yes			Pet's Gender
	image	varchar(250)	Yes			Pet's Image
	origin	varchar(20)	Yes			Pet's origin
	pName	varchar(50)	Yes			Pet's Name
	price	int	Yes			Pet's Price
FK	CFId	int	Yes		animals (CFId)	Pet's Animals
FK	CPId	int	Yes		Breeds (CPId)	

10. OrdersDetails:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	OdId	int identity(1,1)	No			Orders details' IDs
	productId	varchar(10)	Yes			Orders details's productId
	productPrice	int	Yes			Order details's productPrice
	quantity	int	Yes			Order details's quantity
FK	oderId	int	Yes		Orders(oderId)	Order details's from orders

11. Orders:

Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	oderId	int identity(1,1)	No			Orders's id
	oderDate	varchar(50)	Yes			Orders's date
	paymentBy	varchar(50)	Yes			Order's payment by
	shipAddress	varchar(50)	Yes			Order's shipaddress
	status	varchar(20)	Yes			Order's status
	total	int	Yes			Order's status
	transport	varchar(50)	Yes			Order's transport
FK	MId	int	Yes		Members(MId)	Order's from members

12.Pethotel:

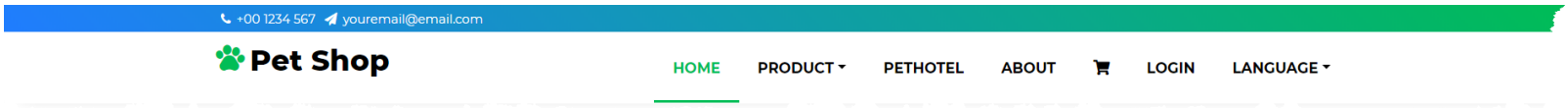
Key	Field Name	Data Type	Null	Default	Table-Field-Ref	Description
PK	PHId	varchar(10)	No			Pethotel's id
	dateEnd	varchar(50)	Yes			Pethotel's date end
	dateStart	varchar(50)	Yes			Pethotel's date start
	namePet	varchar(50)	Yes			Pethotel's namepet
	price	int	Yes			Pethotel's price
	status	varchar(50)	Yes			Pethotel's status
FK	MId	int	Yes		Members (MId)	Pethotel's for whom members want to

I. Customers GUI Design

1. Template

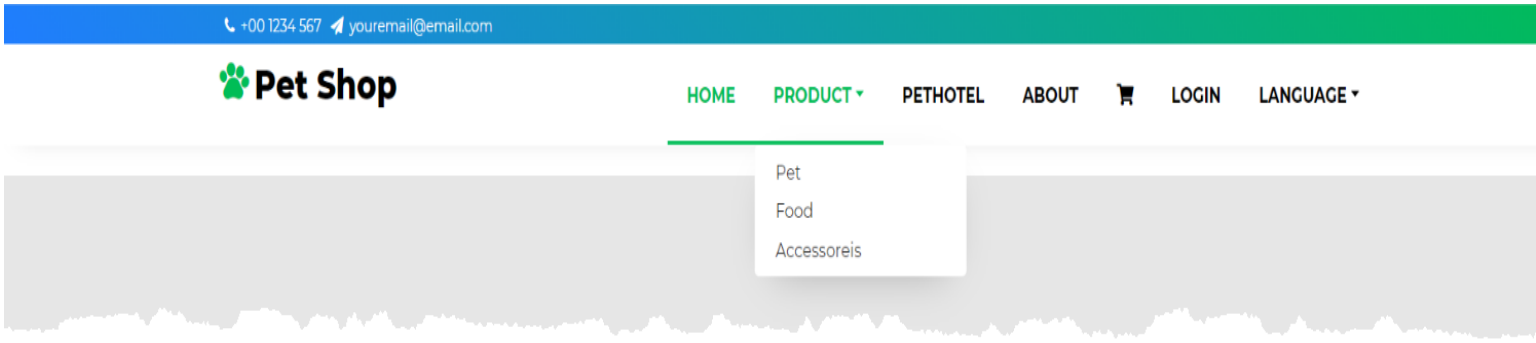
This is the template of all user page.

a. Header

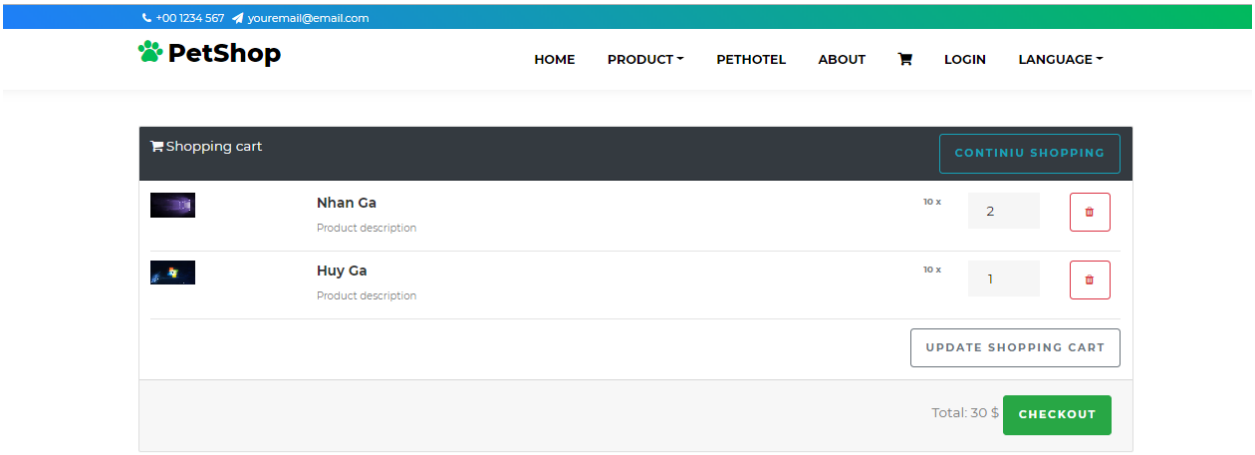


Others components:

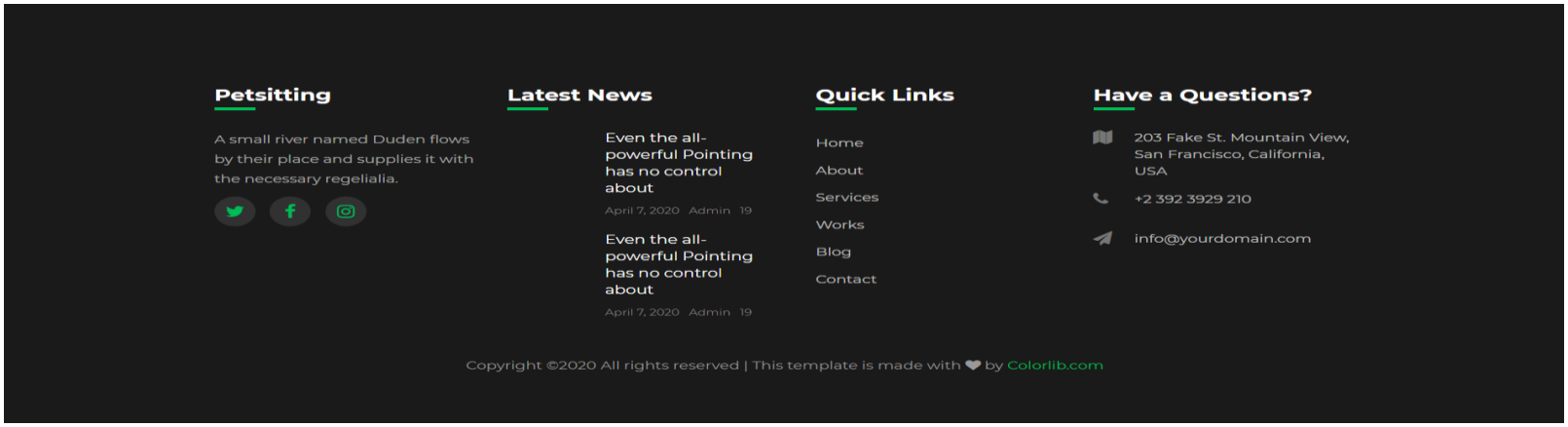
- **Our Products** dropdown list: contains all links of types in every category



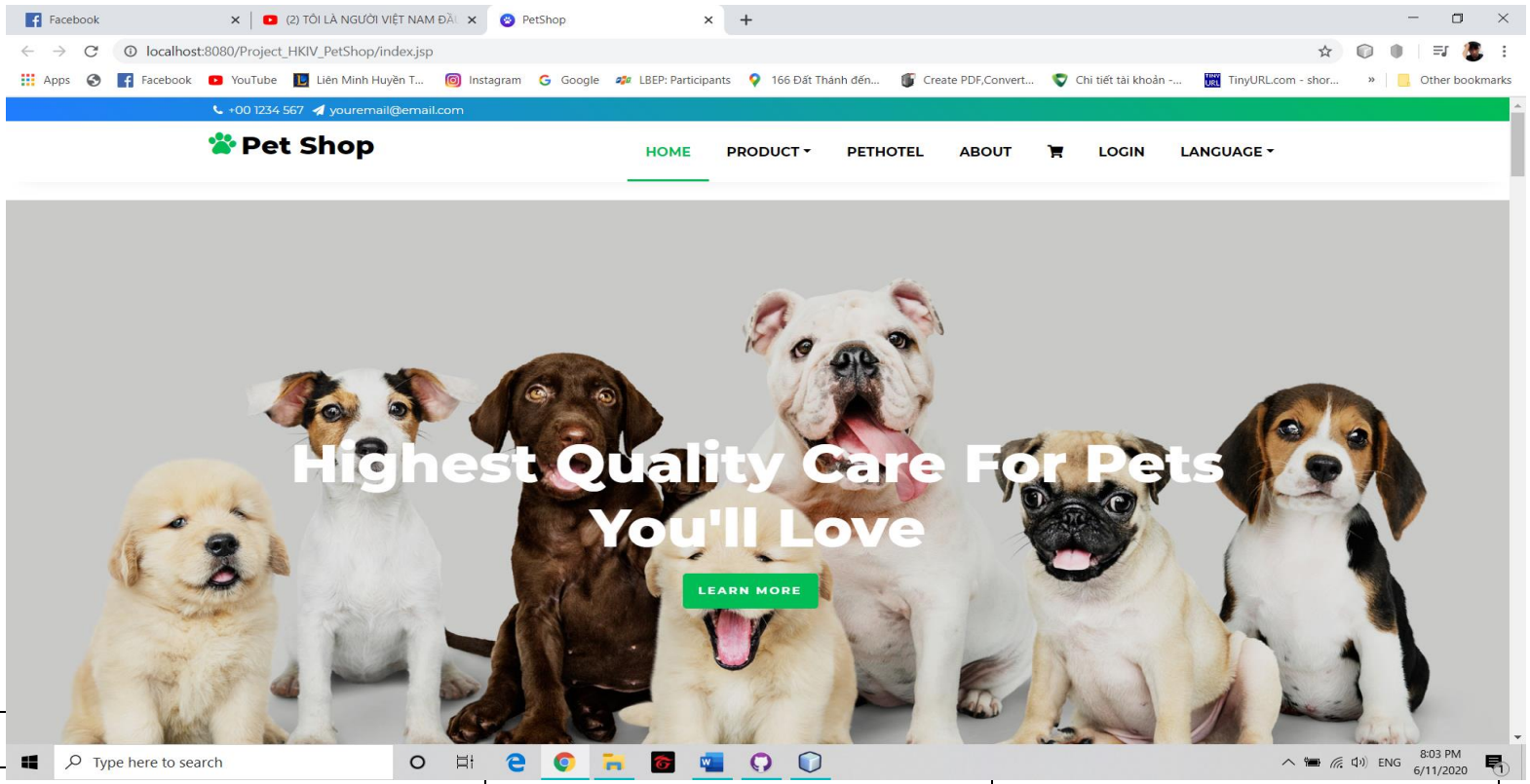
- **Cart:**


+00 1234 567
youremail@email.com
PetShop
HOME
PRODUCT
PETHOTEL
ABOUT
LOGIN
LANGUAGE
Shopping cart
CONTINIU SHOPPING
Nhan Ga
Product description
10 x
2
Huy Ga
Product description
10 x
1
UPDATE SHOPPING CART
Total: 30 $
CHECKOUT

a. Footer :



2. Home



Signature:		
Date		

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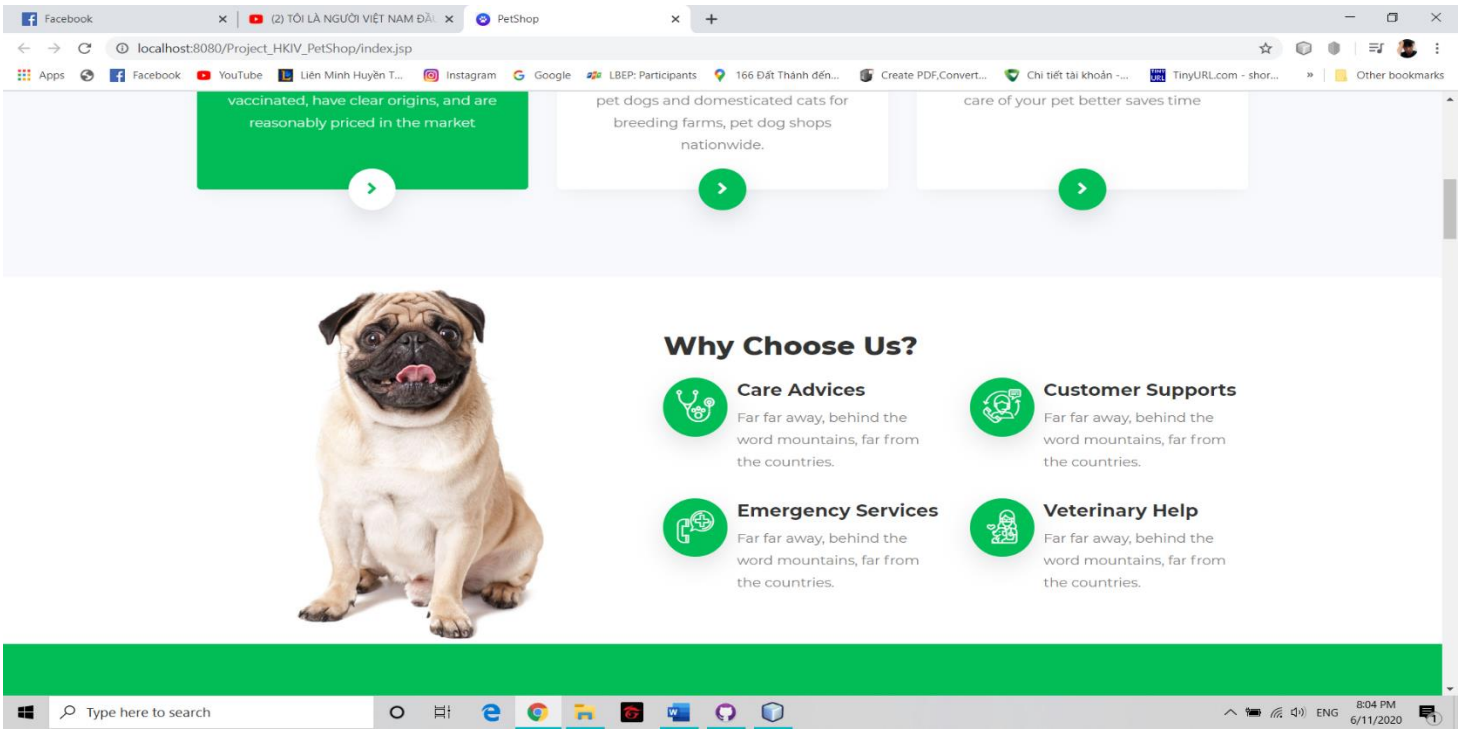
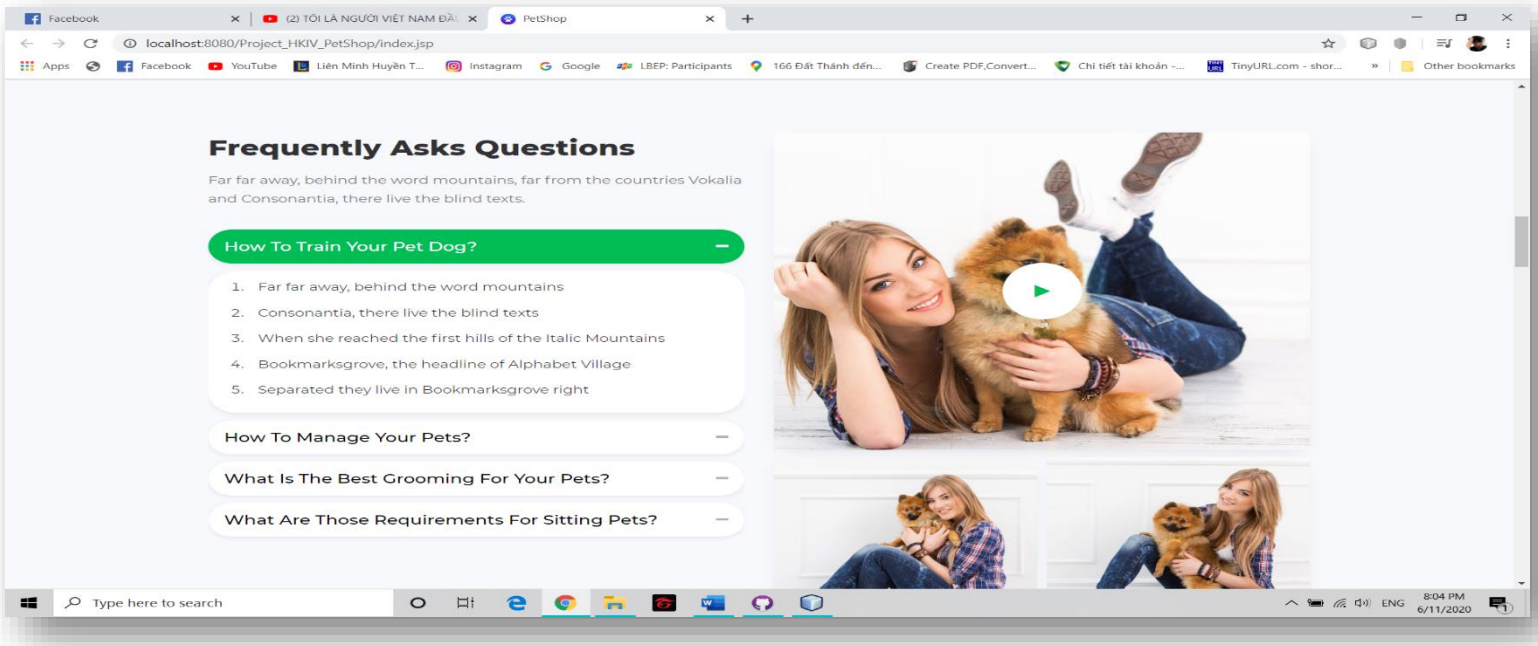
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		





	Prepared By (Student)	Approved By (Faculty)
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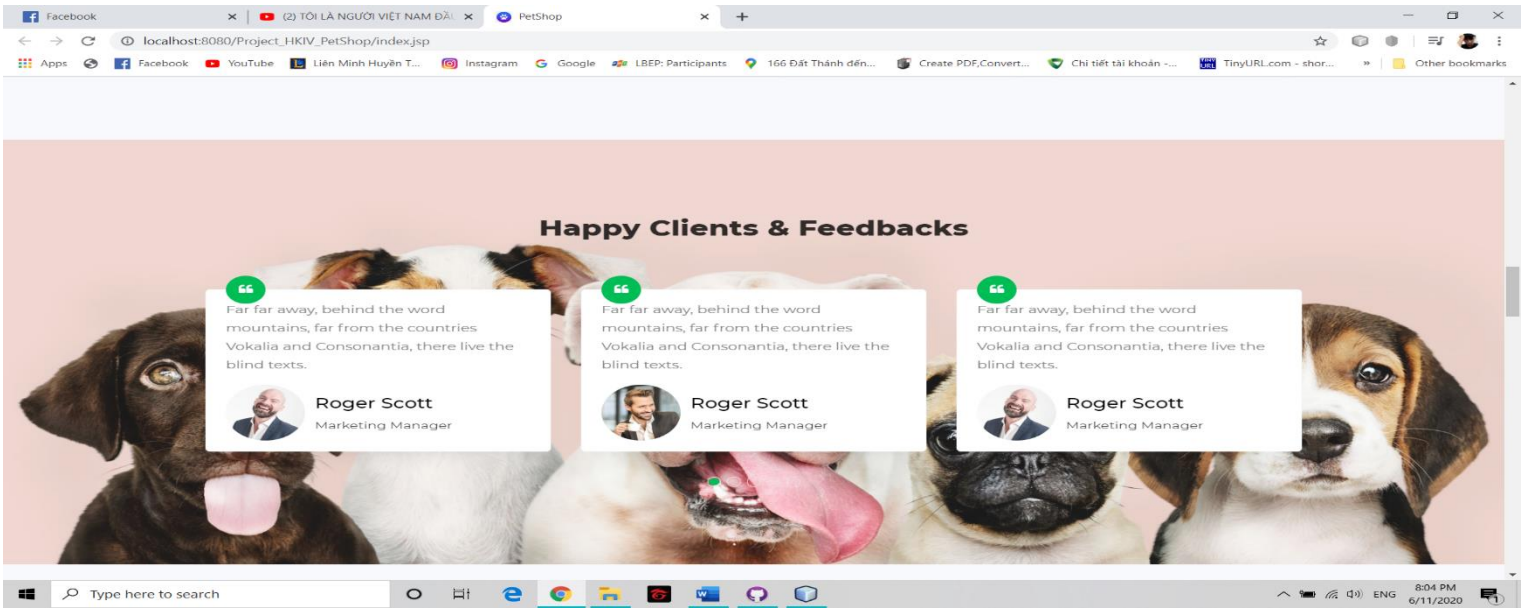
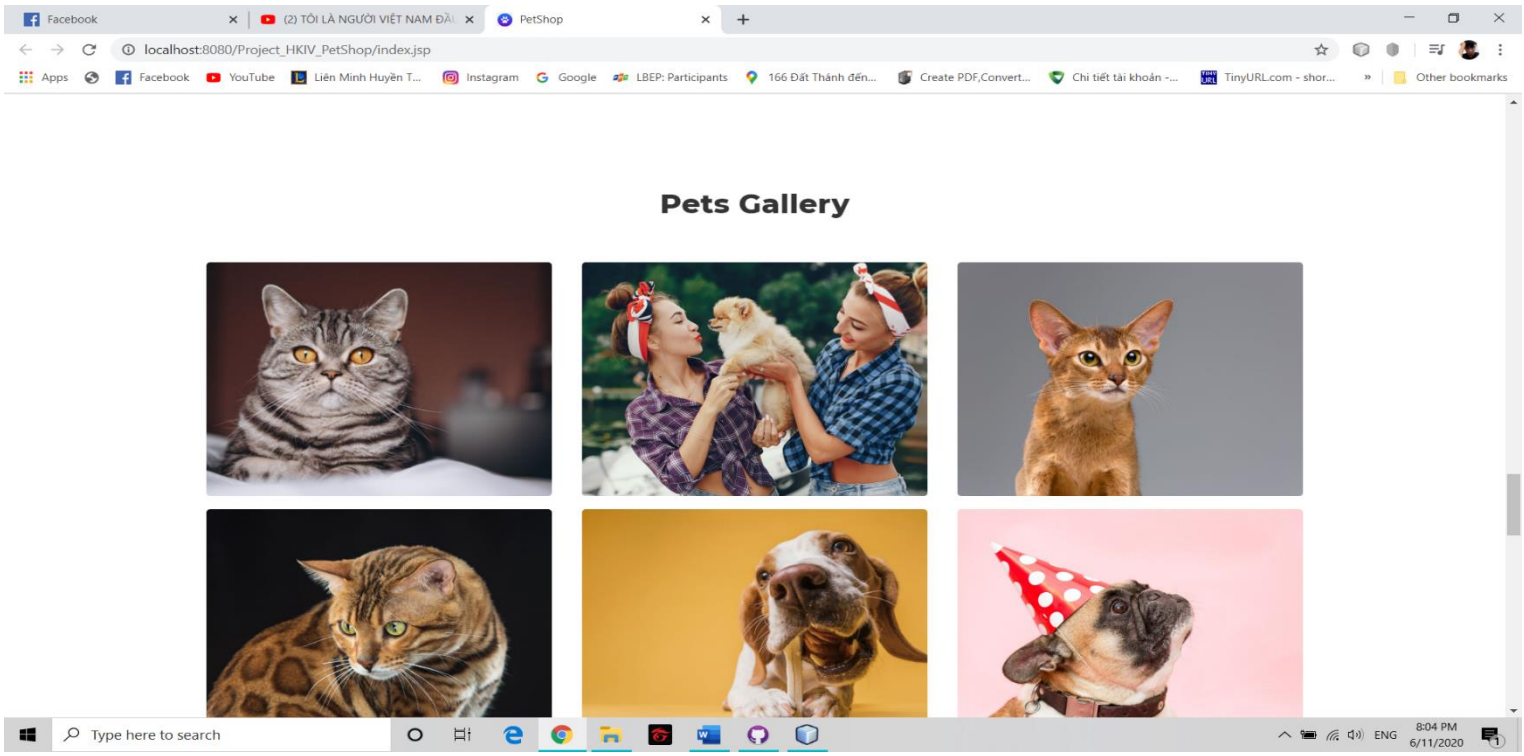
Signature:		
Date		

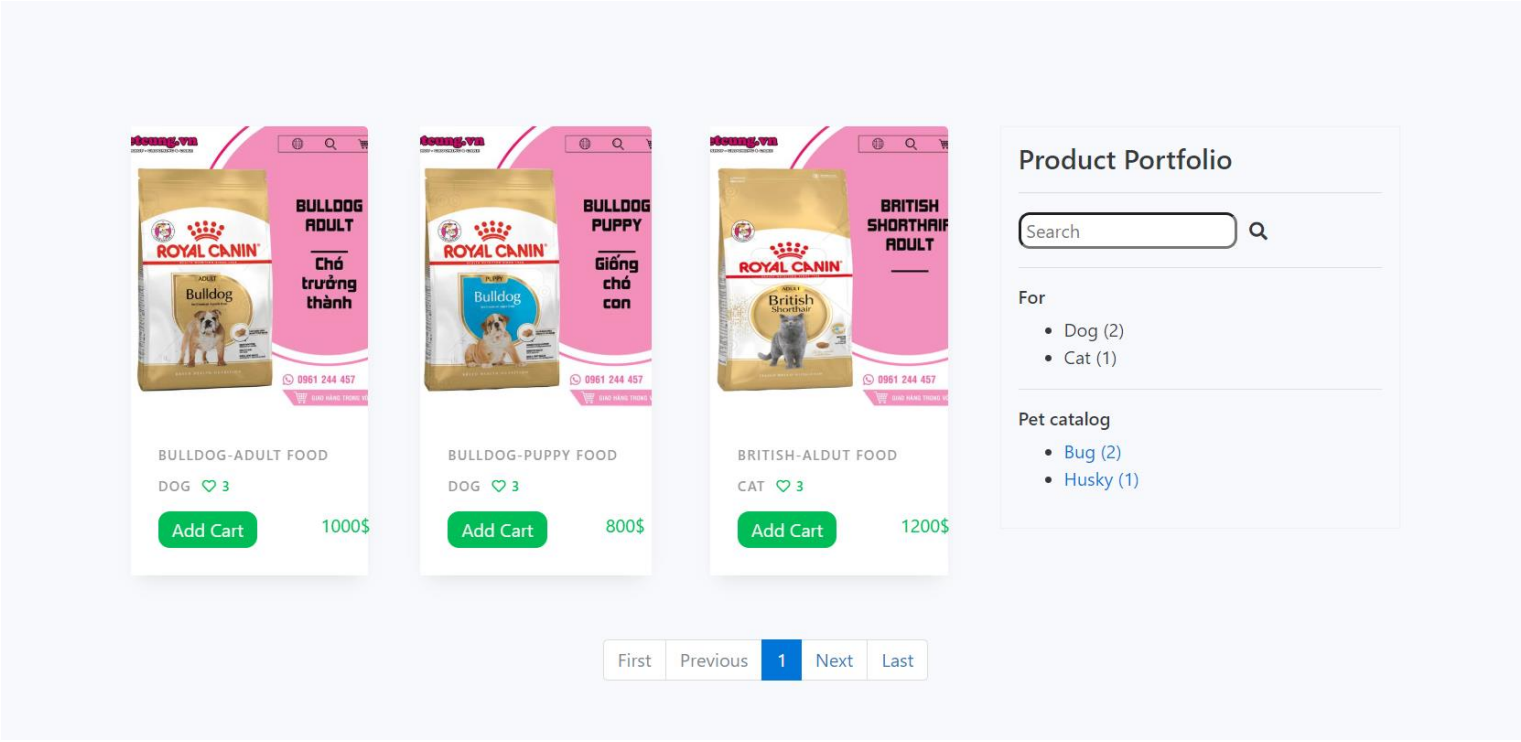




	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

11. Products:

+ List View



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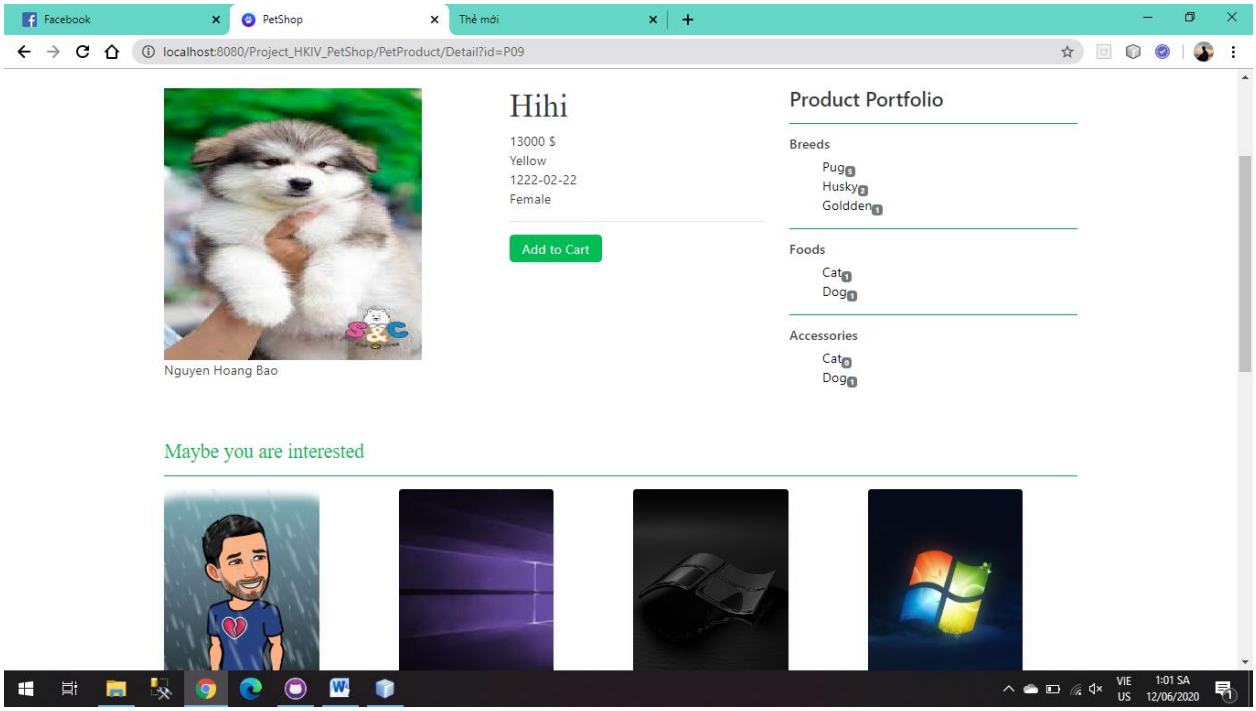

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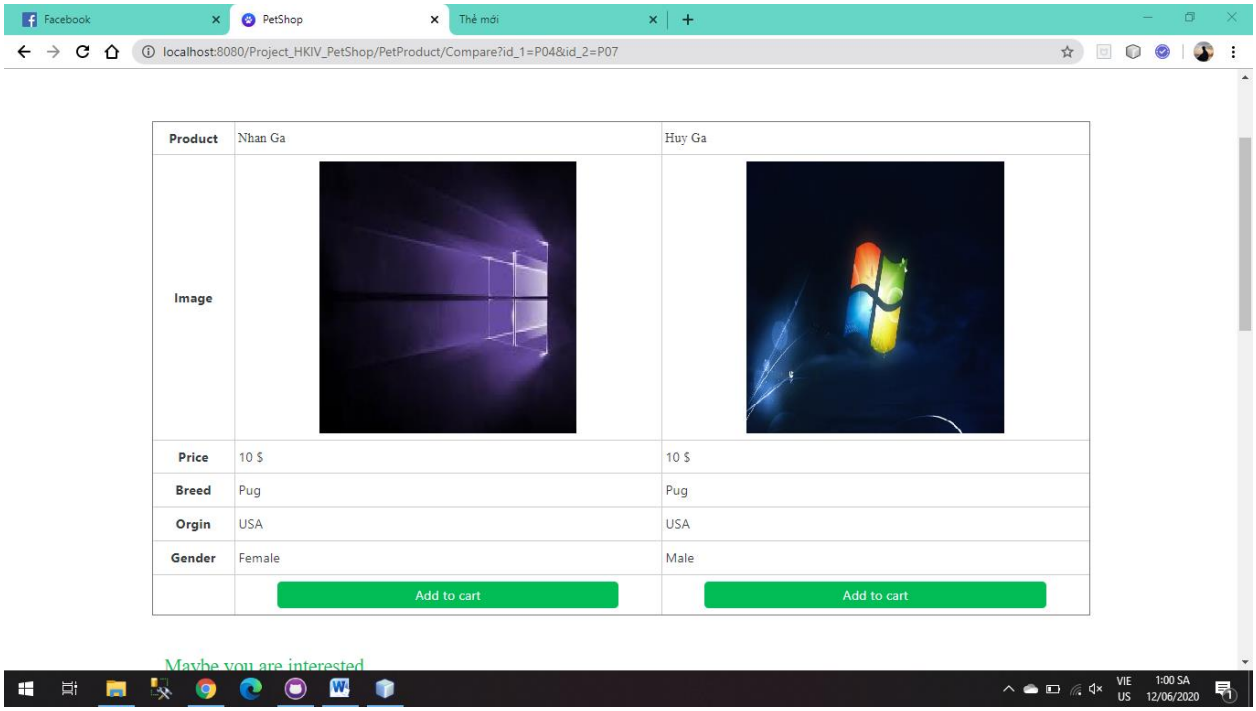
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

1. Compare


Facebook
PetShop
Thẻ mới
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Product
Nhan Ga
Huy Ga
Image
Price
10 $
10 $
Breed
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USA
Gender
Female
Male
Add to cart
Add to cart
Maybe you are interested
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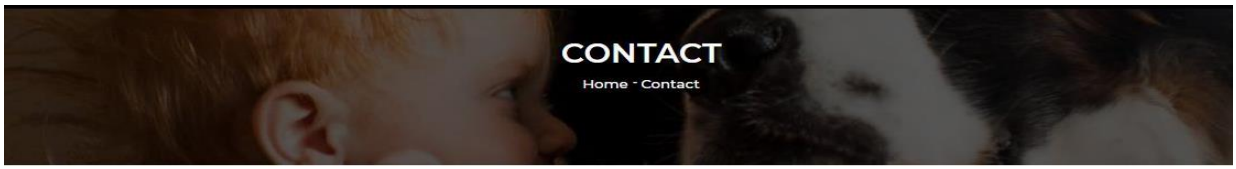
12/06/2020

. Contact :



Our Location
012 345 678 / 123 456 789
info@example.com

Contact us Anytime
Mobile: 012 345 678
Fax: 123 456 789

Write Some Words
Support24/7@example.com
info@example.com

GET IN TOUCH

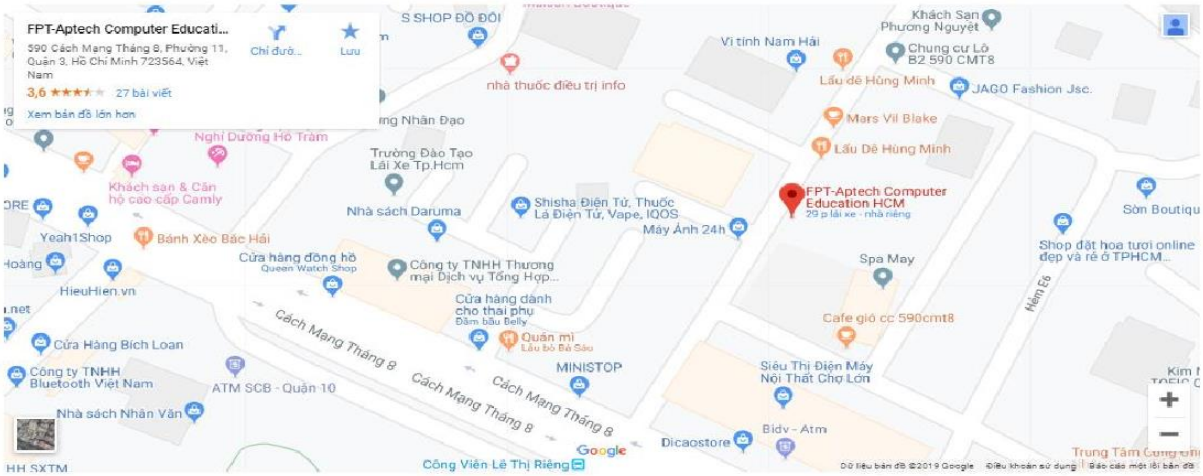
Name

Email

Subject

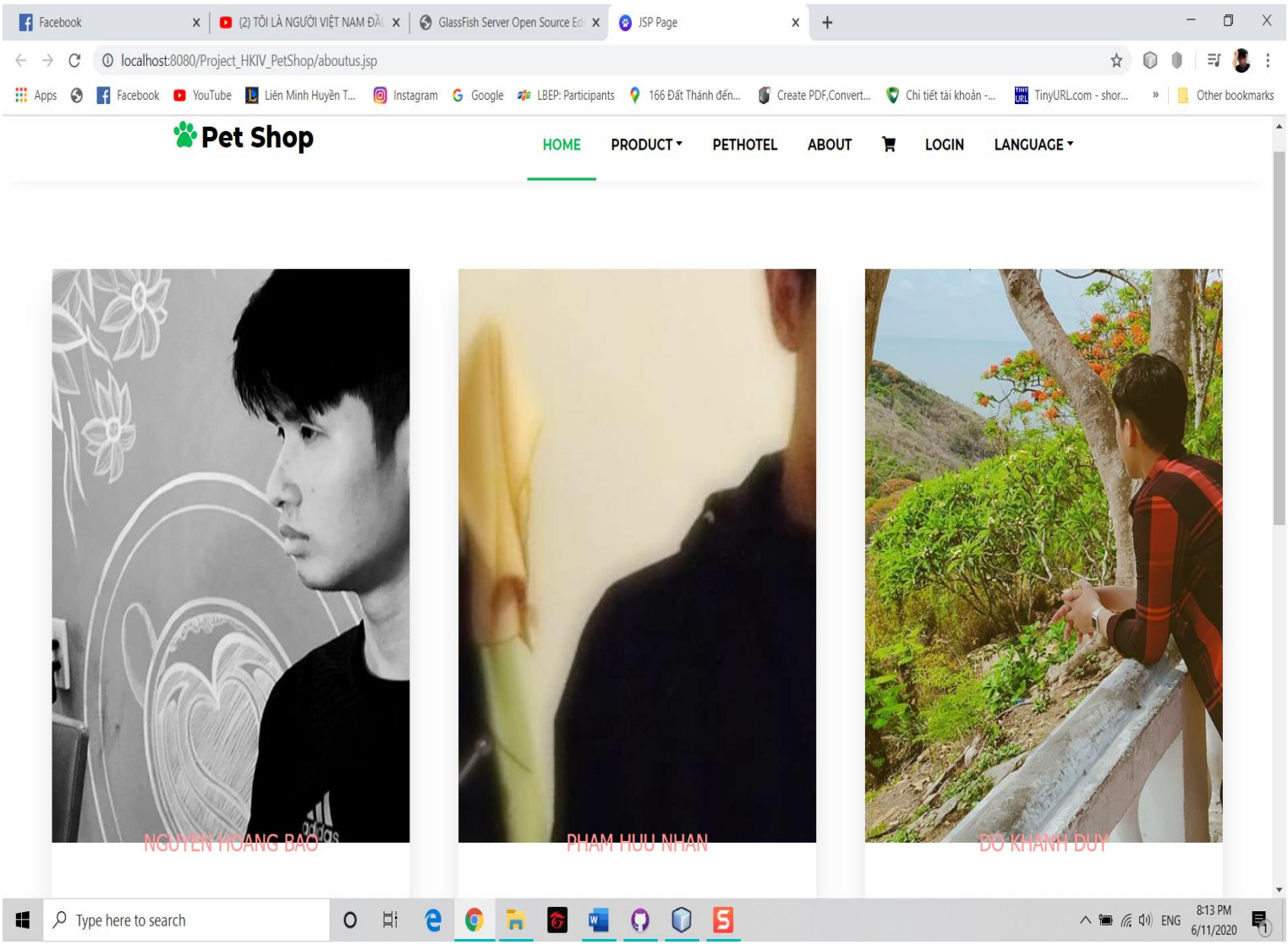
Message

SEND MESSAGE



	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

- About Us :


Facebook
(2) TÔI LÀ NGƯỜI VIỆT NAM ĐẦ
GlassFish Server Open Source Ed
JSP Page
localhost:8080/Project_HKIV_PetShop/aboutus.jsp
Apps
Facebook
YouTube
Liên Minh Huyền T...
Instagram
Google
LBEP: Participants
166 Đất Thánh đến...
Create PDF,Convert...
Chi tiết tài khoản -...
TinyURL.com - shor...
Other bookmarks
Pet Shop
HOME
PRODUCT
PETHOTEL
ABOUT
LOGIN
LANGUAGE
NGUYEN HOANG BAO
PHAM HUU NHAN
DO KHANH DUY
Type here to search
ENG
8:13 PM
6/11/2020

III. Task sheet:

Project Ref No.		Project Name:	Date of Preparation of activity plan		
No.	Task	Description	Start Date	Complete Date	Team Member
1	REVIEW	SHOPPING CART	18/05/	24/05/	NGUYEN HOANG BAO
2		COMPARE			
3		CHECKOUT			
4		VIEW PRODUCT DETAIL, RECOMMENDATION (Pet)			
5		ORDER			
6		ORDER DETAILS (INVOICE)			
7		SEARCH			
8		LOGIN WITH GOOGLE ACCOUNT , DATABASE			
9		MANAGE PETS			
10		Filter			
11		SIGN UP			PHAM HUU NHAN
12		LOG IN			
13		LOG OUT			
14		MULTILANGUAGE			
15		UPDATE INFORMATION ACCOUNT,CHANGE MEMBER PASSWORD			
16		RECOMMENDATION PRODUCT (FOODS)			
17		PAGINATION, VIEW PRODUCT DETAIL (Food)			
18		MANAGE FOODS			
19		VIEW PRODUCT DETAIL , RECOMMENDATION (Accessory)			DO KHANH DUY
20		MANAGE ORDERS			
21		MANAGE ACCESSORIES			
22		MANAGE CATEGORIES			
23		MANAGE BREEDS			
24		UPDATE CATEGORY			
25		UPDATE PRODUCT			
26		UPDATE BREED			

	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		

	Prepared By (Student)	Approved By (Faculty)
	Project Group No: 04	NGO PHUOC NGUYEN
Signature:		
Date		