



Alliance with  Education

# FPT ACADEMY INTERNATIONAL

## FPT – APTECH COMPUTER EDUCATION

### Organic Food

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Month 06 Year 2022

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# REVIEW 1

## ACKNOWLEDGE

Our group would like to devote this chapter to express our sincere appreciation to all those who offered us valuable assistance during in carrying out this Project.

Firstly, we owe a debt of gratitude to our dedicated instructor, MS. Le Mong Thuy, whose suggestions and encouragement helped us to overcome not only technological challenges but also psychological tension. Without him, our work could not complete successfully.

Secondly, we highly appreciate the Project Team at the Head Office, which has provided us an excellent opportunity to apply what we learned into practice. We are certain that the experiences we gained from this project will facilitate our future career greatly.

Thirdly, we would also like to express my gratitude to all the staff members of my center for not only providing me with the opportunity to work with them on this project, but also for their support and encouragement throughout the process.

Finally yet importantly, we wish to say a personal thank you to all our dear classmates and team members who are always willing to support us openly and enthusiastically.

## INTRODUCTION

Organic production is an overall system of farm management and food production that aims at sustainable agriculture, high-quality products and the use of processes that do not harm neither the environment, nor human, plant or animal health and welfare.

consumers are anxious about food quality, production techniques and provenance and they trust organic foods more easily. The food-related decision-making process is complex and is influenced by many determinants:

- economic: cost, income, availability;
- physical: accessibility, education, skills;
- social: culture, family, and meal patterns;
- psychological: mood, stress, guilt
- personal: attitudes, beliefs, knowledge

To help consumers make an informed choice, our team have developed an online store where the consumers don't need to waste much time to make a choice. It will provide its user the following features:

- ◆ Unregistered consumers who can register member account.
- ◆ Registered consumers can login and manage their account.
- ◆ consumers can search any products such as etc.
- ◆ consumers can search products by price.
- ◆ consumers can see products' introduction before buying
- ◆ consumers can buy products after adding products to cart.
- ◆ consumers can view cart history and make change.
- ◆ consumers can check out.
- ◆ consumers can review order history.
- ◆ consumers can interact with website by giving question, feedback on contact us function.







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## PROBLEM DEFINITION

After analyzing the project specifications of Organic Food, to fulfill customer's requirements properly, we came to conclusion that in order to achieve the best result, we should deal with following queries:

### FROM THE VIEW POINT OF consumers

- ◆ A homepage will show the main products, suitable logo, display the logo on all the pages in the site.
- ◆ A navigation header and footer that will include all the functions implemented in the website.
- ◆ consumers can buy products, add product to cart, view cart and check out.
- ◆ Registered consumers can login to their profile, view order history and receive email promotion/Coupon.

### FROM THE VIEW POINT OF THE ADMINISTRATOR

- ◆ A login page will grant access to Organic Food admin.
- ◆ Admin can view, add, update, delete and manage products.
- ◆ Admin can view, update, delete, find, lock, and unlock consumers account.
- ◆ Admin can update, delete and manage orders.
- ◆ Admin can update, or delete and manage registered user account.
- ◆ Admin can manage and send newsletter.

## CUSTOMER'S REQUIREMENTS

### SPECIFICATIONS (CRS) CLIENT: Organic Food

#### BUSINESS/PROJECT OBJECTIVE:

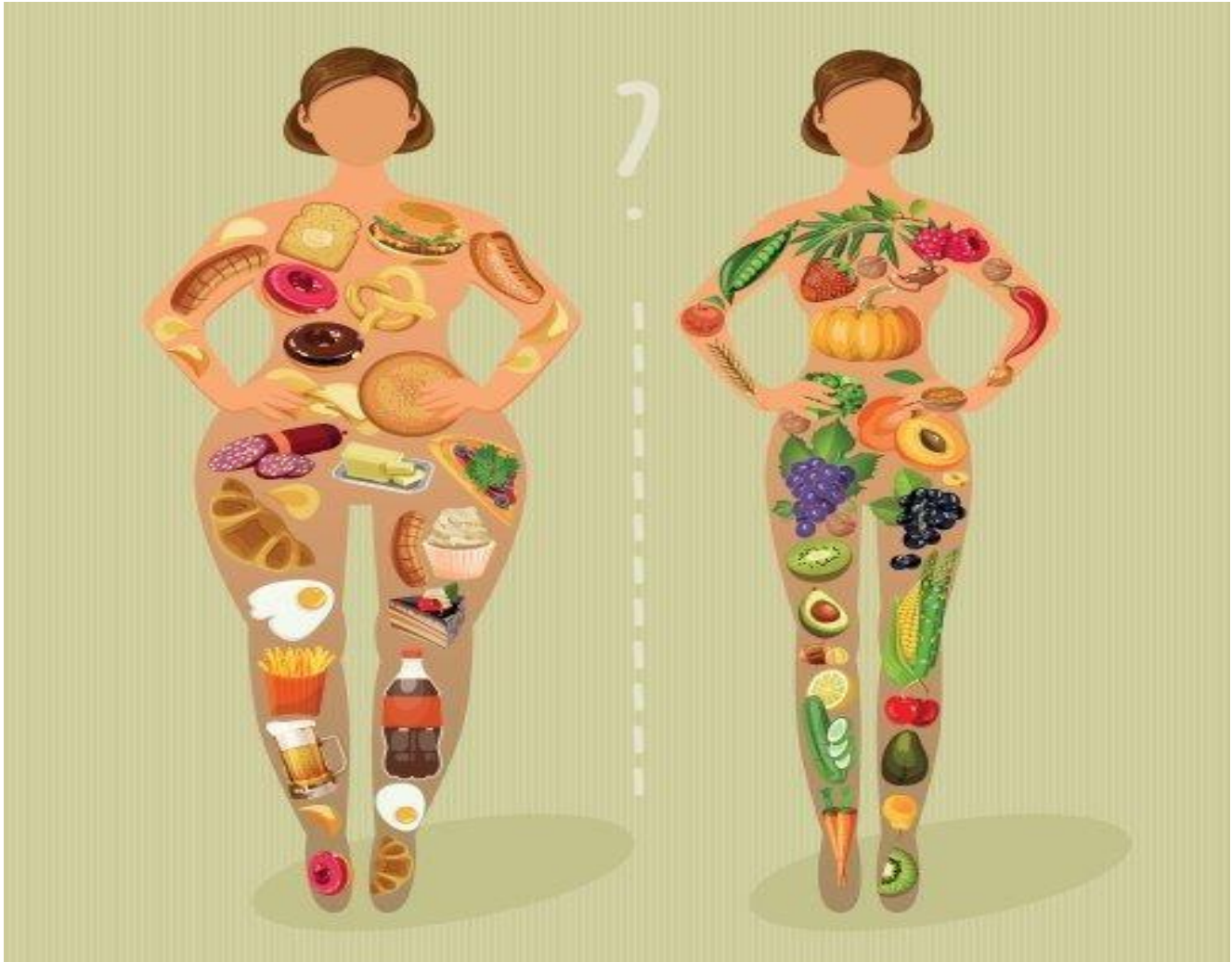
The project is to design an online website for advertising and selling all types of organic food, for instance: vegetables, dairy, fruit, bakery, etc.

#### INPUT TO THE SYSTEM:

##### Organic Food administrators need to provide:

- ◆ Information required in order to create an account to access the admin system.
- ◆ Products are going to be shown on the website.

- ◆ Payment Method and Shipping cost when ordering certain products.
- ◆ Information required to create staff account within admin system.



**Customers Organic Food need to provide:**

- ◆ Personal information to buy products.
- ◆ Email information to receive weekly promotion or deal and coupon.

**OUTPUT FROM THE SYSTEM:****Organic Food administrators will be able to:**

- ◆ Login/Logout to the admin system.
- ◆ Manage (view, add, update, delete, hidden) products, price.
- ◆ Manage (view, add, update, delete, find, lock, unlock) consumers account.
- ◆ Manage (view, add, update, delete) news.
- ◆ Manage (view, add, update) products, order.

**Organic Food consumers will be able to:**

- ◆ Register consumers' accounts.
- ◆ Buy products after adding information.
- ◆ View products that they have chosen.
- ◆ View order history.

**Organic Food consumers will be able to:**

- ◆ Register account.
- ◆ Login/Logout to the account.
- ◆ Search products they want to buy by name, price.
- ◆ Add product to cart and checkout.
- ◆ View purchase history.

**SCOPE OF WORK**

The application should perform the following functions:

**LOGIN:**



- ◆ There are 3 types of accounts in the application ("admin"). Administrator will login as "admin". Staff will login as "staff". "Viewer" will login as "inspector"
- ◆ For "admin": can view the products id, name, add new, update, delete.
- ◆ For "admin": can view the consumers id, name, add new, update, delete, lock, unlock.
- ◆ For "admin": can view and manage view.
- ◆ For "admin": can view and manage order.
- ◆ For "staff" : can perform the same function as admin but will be restricted to View, Add New, Update info

## ORDERING PRODUCTS:

- ◆ When consumers choose a product and the selected product will be added to the cart.
- ◆ consumers can buy products at shopping cart after pressing the “Checkout” button and fill in the information.

## DATABASE:

- ◆ The information about products, consumers , news, orders will be stored in the database.
- ◆ The information from the contact us page.

## HARDWARE/ SOFTWARE REQUIREMENTS:

### HARDWARE

#### Web Server

<b>Processor</b>	Intel Core I7 or higher.
<b>Memory</b>	32 GB RAM or greater.
<b>Modem/ADSL</b>	Internet access is required.

#### Client

<b>Processor</b>	Intel Core I5 or higher.
<b>Memory</b>	8 GB RAM or greater.
<b>Monitor</b>	Super VGA (1024x768) or higher resolution.
<b>Modem/ADSL</b>	Internet access is required.

## SOFTWARE

### Web Server

<b>Operation System</b>	Window 7 or later.
<b>Browser</b>	Google Chrome version 35.
<b>Database</b>	MySQL.
<b>Software</b>	Internet Information Service
	PHP - Laravel framework

### Client

<b>Operation System</b>	Window 7 or higher.
<b>Browser</b>	Google Chrome version 35.

## DEVELOPMENT SOFTWARE

- ◆ Microsoft Windows 10.
- ◆ MySQL.
- ◆ Visual Studio Code.
- ◆ Google Chrome.
- ◆ XAMPP.

## TECHNOLOGY

- ◆ PHP - Laravel framework.
- ◆ JQuery.
- ◆ Javascript.

- ◆ HTML/CSS/Bootstrap.



## TASK SHEET REVIEW 1

Project: Organic Food		Project Name	Activity Plan Prepared By	Date of Preparation of Activity Plan:			
Sr./No.	Task			Actual Start Date	Actual Days	Team member name	Status
1	Acknowledgment	Organic food	Nguyễn Đình Đức	03-June -22	1	Đức/Mai	Completed
2	Introduction			03-June - 22	1	Minh/Mai/ Lưu	Completed
3	Problem Definition			03-June - 22	1	Đức/Phong Minh	Completed
4	Customer Requirement Specification (CRS)			03-June - 22	1	Đức/Minh /Mai/Lưu/ Phong	Completed

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5	Scope of Work			03-June - 22	1	Đức/Minh /Lưu/Phong	Completed
6	Hardware/Software Requirement			03-June - 22	1	Đức/Phong Lưu	Completed
7	Task Sheet			03-June - 22	1	Mai	Completed

Date: 03-June-22

Signature of  
Instructor:

Ms. LE MONG THUY

Signature of Team  
Leader:

NGUYỄN ĐÌNH ĐỨC

# REVIEW 2

## 1. USE CASE





LOGIN AS customer:

Author		
Use Case Name	Login	
Actors	Customer	
Description	Customer who has registered an account can login	
Requirements	Customer provides username and password	
Pre-conditions	consumers must register an account	
Post-conditions	Success: consumers is logged in to website	
	Fail: Refill information	
Basic flow	Actor's actions:	System's responses:
	1. consumers clicks 'Login' button on Home Page.  3. Actor inputs Email and Password, then click the 'Login' button.	2. System redirects to Login Page with the following controls:  - "Email" text field  - "Password" text field  - "Login" button  4. System checks the information.  5. System redirects to Customer's dashboard.
Exceptions	Actor's actions:	System's responses:
	1. Actor inputs invalid email and password.	System redirects to Login page with the following controls:  - "Email" text field

		- “Password” text field  - “Login” button  System shows message: “Invalid email and password”.
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#### REGISTER AS customer:

<b>Author</b>		
<b>Use Case Name</b>	Register as customer	
<b>Actors</b>	Customer	
<b>Description</b>	Customer who has registered an account can login	
<b>Requirements</b>	Customer registers an account on the website and becomes a member	
<b>Pre-conditions</b>	Customer provides their register information	
<b>Post-conditions</b>	Success: consumers creates a User account in this website	
	Fail: Refill information	
<b>Basic flow</b>	<b>Actor’s actions:</b>	<b>System’s responses:</b>
	1. consumers clicks “Register” button on Home Page.	2. System redirects to Register page and displays Registration form with the following controls:  - “Username” text field  - “Password” text field  - “Confirm Password” text field  - “Email” text field





	<p>3. consumers inputs register's information and click "Register" button.</p>	<ul style="list-style-type: none"> <li>- "Phone" text field</li> <li>- "Register" button</li> <li>- "Reset" button</li> </ul> <p>4. System validates the information.</p> <p>5. System inserts the account into database</p> <p>6. System show success message.</p>
Exceptions	<b>Actor's actions:</b>	<b>System's responses:</b>
	<ul style="list-style-type: none"> <li>- Actor left "Username" text field blank.</li> <li>- Username has already existed.</li> <li>- Actor left "Password" text field blank.</li> <li>- Actor left "Confirm Password" text field blank.</li> <li>- Password and confirm password don't match.</li> <li>- Actor left "Email" text field blank.</li> <li>- Email has already existed.</li> <li>- Actor left "Phone" text field blank.</li> <li>- Input phone is not numeric format or phone length is not between 8 and 14 characters.</li> <li>- Actor left "Email" text field blank or input an invalid email address.</li> </ul>	<p>System displays message to customer:</p> <ul style="list-style-type: none"> <li>- "Username cannot be blank".</li> <li>- "This Username has already existed".</li> <li>- "Password cannot be blank".</li> <li>- "Confirm Password cannot be blank".</li> <li>- "Confirm Password does not match password".</li> <li>- "Email cannot be blank".</li> <li>- "This Email has already existed".</li> <li>- "Phone cannot be blank".</li> <li>- "The phone number should be numeric only and must be between 8 and 14 digits".</li> <li>- "Email is invalid".</li> </ul>



**SEARCH PRODUCTS:**

<b>Author</b>		
<b>Use case name</b>	Search product	
<b>Actors</b>	Registered Customer/ New Customer	
<b>Description</b>	Customer can search product	
<b>Requirements</b>	Customer provides search phrase	
<b>Pre-conditions</b>	N/A	
<b>Post-conditions</b>	Success: Show product that matches search phrase	
	Fail: No product is shown	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor inputs search phrase.  3. Actor clicks product's name in list or view every product that matches search phrase.	2. System shows list of products that match the search phrase.

**VIEW PRODUCT DETAIL:**

<b>Author</b>		
<b>Use case name</b>	View product	
<b>Actors</b>	Registered Customer/ New Customer	
<b>Description</b>	Customer can view product detail	

<b>Requirements</b>	Customer select product to show product's detail	
<b>Pre-conditions</b>	N/A	
<b>Post-conditions</b>	Success: Display product detail matching the selected product	
	Fail: No product is shown	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor select product	2. System shows product's detail matching selected product

#### CREATE CART:

<b>Author</b>		
<b>Use case name</b>	Create cart	
<b>Actors</b>	Registered customer	
<b>Description</b>	Customer can add product to their cart	
<b>Requirements</b>	Customer must choose at least one product	
<b>Pre-conditions</b>	Customer must log in before adding product	
<b>Post-conditions</b>	Success: Actor add product to cart successfully	
	Fail: Refill information	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses a product and click "Add to cart".	2. System adds selected product to cart by id of this product.

Exceptions	Actor's action	System's response
	1. Actor inputs more products than there are in stock.	2. System shows messages: - "Product out of stock".

#### VIEW CART:

<b>Author</b>		
<b>Use case name</b>	View cart	
<b>Actors</b>	Registered customer	
<b>Description</b>	Customer can view their cart	
<b>Requirements</b>	N/A	
<b>Pre-conditions</b>	Customer must log in before view cart	
<b>Post-conditions</b>	Success: Customer can view their cart	
	Fail: Refill information	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor click on "Cart" icon.	2. System shows cart and added products.
<b>Alternative flow</b>	1. Actor clicks "x"– Close button- on table  3. Actor change quantity of a product  5. Actor clicks "x" – close button – in the right side of each product.	2. System redirects to current page.  4. System update quantity of this product into cart.  6. System removes this product from cart.

**CHECKOUT:**

<b>Author</b>		
<b>Use case name</b>	Check out and Place order	
<b>Actors</b>	Registered customer	
<b>Description</b>	Customer can order products	
<b>Requirements</b>	Customer must has at least 1 product in cart	
<b>Pre-conditions</b>	Customer must log in before adding product	
<b>Post-conditions</b>	Success: Actor order successfully	
	Fail: Refill information	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	<p>1. Actor click "Add to cart" button or "Cart" icon.</p> <p>3. Actor clicks "Check out with" button.</p> <p>5. Actor inputs order information then click "Place Order" button.</p> <p>6. Actor inputs Card owner's name, card number and security code if actor choose payment by credit card.</p> <p>9. Actor views order's status in Order page.</p>	<p>2. System shows cart and added products.</p> <p>4. System shows all products in cart with calculated total price and show following controls:</p> <ul style="list-style-type: none"><li>- "Customer name" text field.</li><li>- "Phone" text field.</li><li>- "Address" text field.</li><li>- "Province" select box.</li><li>- "Delivery time frame" select box.</li><li>- "Payment" table.</li></ul>

		Systems shows Payment tab type according to type of payment actors choose.
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		<p>7. System validates information.</p> <p>8. System redirects to Order page and show order's status.</p>
<b>Alternative flow</b>	<p>1. Actor clicks "x" – Close button- on table</p> <p>3. Actor clicks "X" button on each product.</p> <p>5. Actors clicks "Home" button.</p>	<p>2. System redirects to cart page.</p> <p>4. System removes product from cart.</p> <p>6. System redirect to Home pages.</p>
<b>Exceptions</b>	<b>Actor's action</b>	<b>System's response</b>
	<p>1. Actor inputs more products than there are in stock.</p> <p>2. Actor left "Billing name" text field blank.</p> <p>3. Actor left "Address" text field blank.</p> <p>4. Actor left "Delivery date" blank.</p> <p>5. Actor left "Delivery time frame" blank.</p> <p>6. Actor left "Payment" dropdown blank.</p> <p>7. Actor inputs invalid card information.</p>	<p>8. System shows messages:</p> <ul style="list-style-type: none"> <li>- "Product out of stock".</li> <li>- "Order name must not be blank".</li> </ul> <p>"Address must not be blank".</p> <p>"Must choose a delivery date".</p> <p>"Must choose a delivery time frame".</p> <p>"Must choose a payment method".</p> <p>"Invalid card".</p>

#### VIEW ORDER HISTORY:

<b>Author</b>	
<b>Use case name</b>	View order history
<b>Actors</b>	Registered customer

<b>Prepared by: All</b>	<b>Approved by: Lê Mộng</b>
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<b>members</b>	<b>Thúy</b>
<b>Project Group No: 4</b>	<b>Version: 1.0</b>

<b>Description</b>	Customer can view their order history	
<b>Requirements</b>	N/A	
<b>Pre-conditions</b>	Customer must log in to website	
<b>Post-conditions</b>	Success: Customer can view their order.	
	Fail: Customer cannot see their order.	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses "Account" icon on Menu  3. Actor chooses "Purchase history" on sides bar.  5. Actor selects the order that they want to view in "Purchase history" and clicks "View" Button.	2. System redirects to Account page.  4. System redirects to "Purchase history" page and displays a list of existing orders and their status.  6. System validates inputs by id ofOrder.  7. System displays all order's detail and its status.

#### CANCEL ORDER:

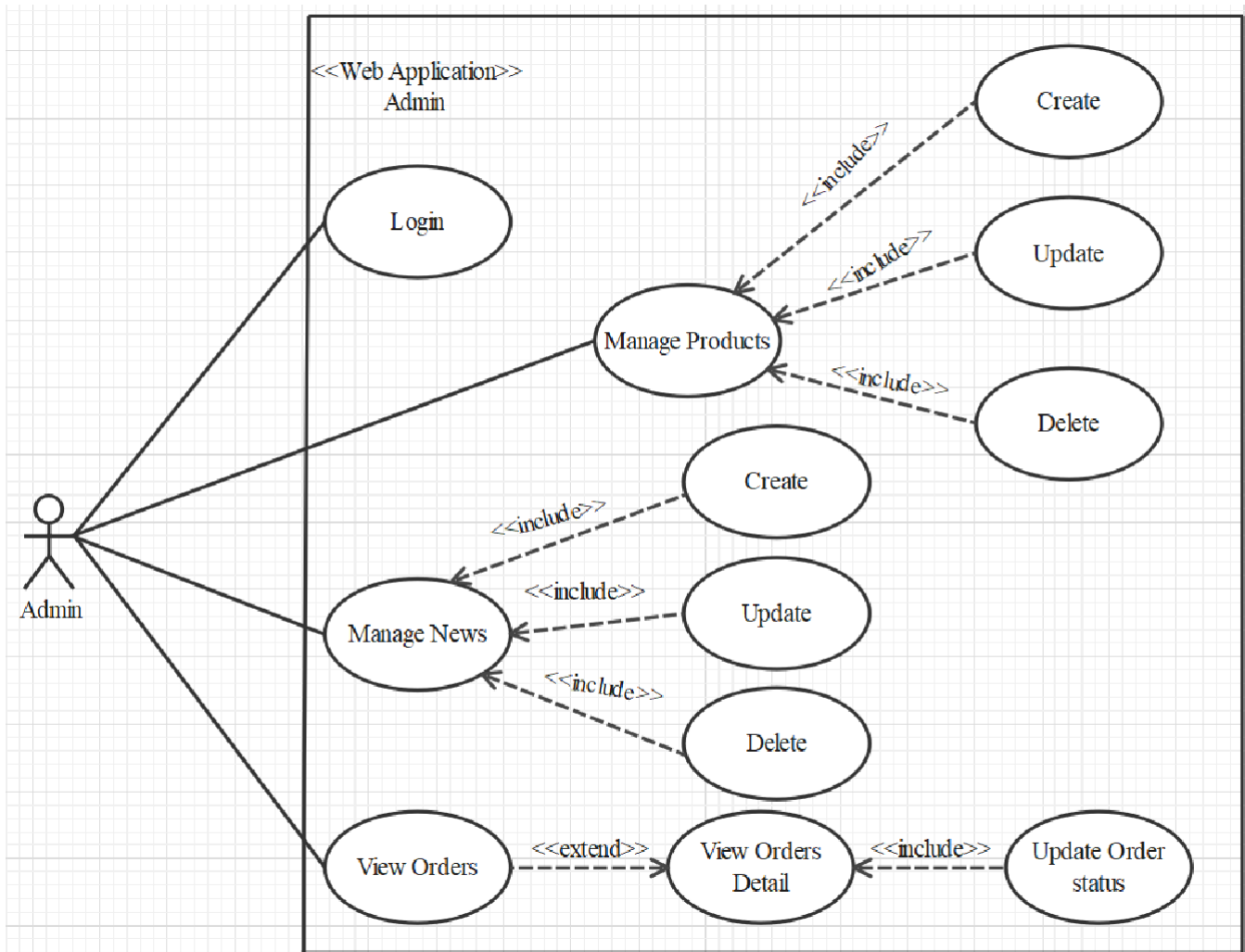
<b>Author</b>	
<b>Use case name</b>	Cancel order
<b>Actors</b>	Registered customer
<b>Description</b>	Customer can cancel their order
<b>Requirements</b>	Customer provides order's id to cancel
<b>Pre-conditions</b>	Customer must log in to website and only can cancel when this order has not been confirmed by admin

<b>Prepared by: All members</b>	<b>Approved by: Lê Mộng Thúy</b>
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<b>Post-conditions</b>	Success: Cancel successfully.	
	Fail: Order cannot cancel.	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses "Account" icon on Menu  3. Actor chooses "Purchase history" on sides bar.  5. Actor selects the order that they want to cancel in "Purchase history" and clicks "Cancel" Button.	2. System redirects to Account page. 4. System redirects to "Purchase history" page and displays a list of existing orders.  6. System validates inputs by id of order.  7. System change order status in database.  8. System displays message: successful for error.

## ADMIN



## LOGIN

Author	
Use case name	Login
Actor	Admin

Prepared by: All members	Approved by: Lê Mộng Thúy
Project Group No: 4	Version: 1.0



<b>Description</b>	When admin wants to manage products, news, views orders and orders detail	
<b>Requirements</b>	Admin provides username and password	
<b>Pre-conditions</b>	Admin must be exist on database	
<b>Post-conditions</b>	Success: Admin is logged in to website admin	
	Fail: refill information	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor clicks on 'Login' button.  3. Actor inputs Email and Password, then click the 'Login' button.	2. System redirects to Login Page with the following controls: - 'Email' text field - 'Password' text field - 'Login' button  4. System validates the information.  5. System redirects to Admin website
<b>Exceptions</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor inputs invalid email and password	System redirects to Login page with the following controls:  - 'Email' text field  - 'Password' text field  - 'Login' button.

<b>Prepared by: All members</b>	<b>Approved by: Lê Mộng Thúy</b>
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## PRODUCTS

### 1.3.2.1. Create new Product

<b>Author</b>		
<b>Use case name</b>	Create new product	
<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to create a new product	
<b>Requirements</b>	Actor provides product's information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: new product is added into the database	
	Fail: refill information	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses Product Tab on menu.  3. Actor clicks 'Add New Product' button.  5. Actor inputs information to create new product	2. System redirects to 'Product' page and display a list of existing product.  4. System displays a form with the following fields:  - id - category_id - sale_id - name - name_slug - description

		- price
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		- view_count - quantity - active - detail - image 6. System validates inputs. 7. System adds product into database. 8. System displays confirmation message or error message.
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#### 1.3.2.2. Update Product

<b>Author</b>		
<b>Use case name</b>	Update product's detail	
<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to update product	
<b>Requirements</b>	Admin provides product's information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: product is updated in the database	
	Fail: refill information	
	<b>Actor's actions:</b>	<b>System's responses:</b>

	1. Actor chooses Product Tab on menu.	2. System redirects to 'Product Details' page and display a list of existing
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<p><b>Basic flow</b></p>	<p>3. Actor clicks on 'View Details' on a product.</p> <p>5. Actor chooses the criteria they want to update and input information.</p>	<p>product.</p> <p>4. System displays a form with the following fields.</p> <ul style="list-style-type: none"> <li>- category_id</li> <li>- sale_id</li> <li>- name</li> <li>- name_slug</li> <li>- description</li> <li>- price</li> <li>- view_count</li> <li>- quantity</li> <li>- active</li> <li>- detail</li> <li>- image</li> </ul> <p>6. System validates inputs.</p> <p>7. System update product into database.</p> <p>8. System displays confirmation message or error message.</p> <p>9. System redirects to product's detail page.</p>
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#### 1.3.2.3. Delete Product

<p><b>Author</b></p>	
<p><b>Use case name</b></p>	<p>Delete Product</p>

<p><b>Prepared by: All</b></p>	<p><b>Approved by: Lê Mộng</b></p>
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<b>members</b>	<b>Thúy</b>
<b>Project Group No: 1</b>	<b>Version: 1.0</b>

<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to delete product from the database	
<b>Requirements</b>	Admin provides product's information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: product is delete in the database	
	Fail: product is not delete from the database	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses Product Tab on menu.  3. Actor clicks 'Delete' button.	2. System redirects to 'Product List' page and display a list of existing product.  4. System delete product in the database  5. System displays confirmation or error.

## MANAGE

### CREATE NEW MANAGE

<b>Author</b>	
<b>Use case name</b>	Create News
<b>Actor</b>	Admin
<b>Description</b>	When admin wants to create a News

<b>Prepared by: All members</b>	<b>Approved by: Lê Mộng Thúy</b>
---------------------------------	----------------------------------





<b>Requirements</b>	Admin provides New content	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: News content is added into the website	
	Fail: admin can't create News	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses News Tab on menu.  3. Actor clicks 'Add New Content' button.  5. Actor inputs information to create news	2. System redirects to 'News' page and display a list of News.  4. System displays a form with the following fields: - id - name - content - image  6. System validates inputs.  7. System adds News into website.  8. System displays confirmation message or error message.

## UPDATE MANAGE

<b>Author</b>	
<b>Use case name</b>	Update News on the website
<b>Actor</b>	Admin

<b>Prepared by: All</b>	<b>Approved by: Lê Mộng</b>
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<b>members</b>	<b>Thúy</b>
<b>Project Group No: 4</b>	<b>Version: 1.0</b>

<b>Description</b>	When admin wants to update news information	
<b>Requirements</b>	Admin provides News Content	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: News is updated in the website	
	Fail: admin can't update News	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses News Tab on menu.  3. Actor clicks 'View Details' button.  5. Actor chooses the criteria they want to update and input information.	2. System redirects to 'News' page and display a list of News.  4. System displays a form with the following fields.  - name  - content  - image  6. System validates inputs.  7. System update News Content to website.  8. System displays confirmation message or error message.  9. System redirects to Home.

## DELETE MANAGE

<b>Author</b>	
<b>Use case name</b>	Delete News

<b>Prepared by: All members</b>	<b>Approved by: Lê Mộng Thúy</b>
<b>Project Group No: 4</b>	<b>Version: 1.0</b>

<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to delete News from the website	
<b>Requirements</b>	Admin provides News Content	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: product is delete in the website	
	Fail: product is not delete from the website	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses News Tab on menu.  3. Actor clicks 'Delete' button.	2. System redirects to 'News List' page and display a list of News.  4. System delete News in the website  5. System displays confirmation or error.

ORDER

VIEW ORDER

<b>Author</b>	
<b>Use case name</b>	View Order
<b>Actor</b>	Admin
<b>Description</b>	When admin wants to know the order of the product
<b>Requirements</b>	Admin has at least 1 order on website.

<b>Prepared by: All members</b>	<b>Approved by: Lê Mộng Thúy</b>
---------------------------------	----------------------------------

<b>Project Group No: 4</b>	<b>Version: 7.7.7</b>
----------------------------	-----------------------

<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: product is shown in the website	
	Fail: Page View Order cannot see from the website	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses View Order on menu.  3. Actor clicks 'View' button.	2. System redirects to 'Order List' page and display a list of Order.  4. System show Order in the website.  5. System displays confirmation or error.

## VIEW ORDER DETAIL

<b>Author</b>		
<b>Use case name</b>	View Order Detail	
<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to see View Order Detail from the website	
<b>Requirements</b>	Admin has at least 1 order on website.	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: Admin can view Order Detail on the website	
	Fail: Admin cant' view the Order Detail on the website	
	<b>Actor's actions:</b>	<b>System's responses:</b>

<b>Basic flow</b>	1. Actor chooses View Order on menu.  3. Actor clicks 'Detail' button.	2. System redirects to 'Order List' page and display a list of Order.  4. System show Order Details in the website  5. System displays confirmation or error.
-------------------	--	---

## UPDATE ORDER STATUS

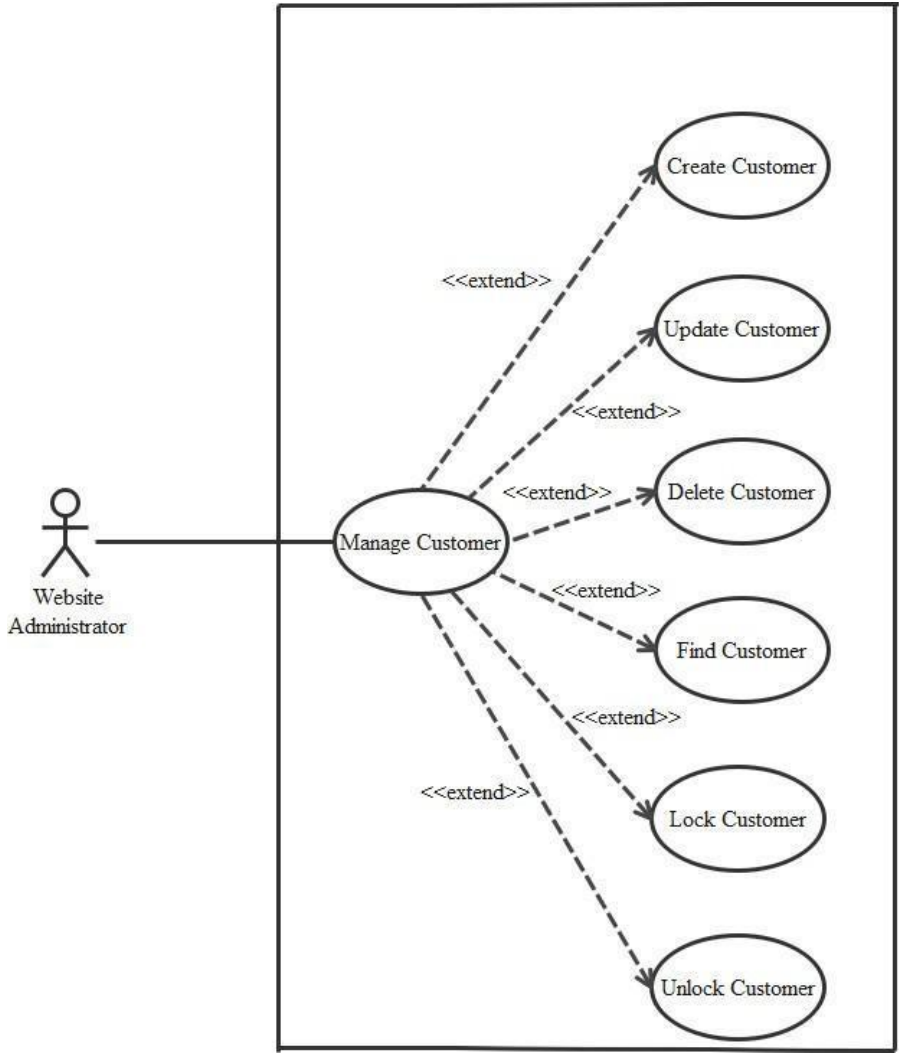
<b>Author</b>		
<b>Use case name</b>	Update Order Status	
<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to update Order Status from the website	
<b>Requirements</b>	Admin has at least 1 order on website.	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: Admin can update Order Status on the website	
	Fail: Admin can't update Order Status on the website	
<b>Basic flow</b>	<b>Actor's actions:</b>	<b>System's responses:</b>
	1. Actor chooses View Order Tab on menu.  3. Actor clicks 'Delete' button.	2. System redirects to 'Order List' page and display a list of Order.  4. System update Order Status in the website



		5. System displays confirmation or
--	--	------------------------------------

		error.
--	--	--------

WEBSITE ADMINISTRATOR



## CREATE CUSTOMER

<b>Author</b>		
<b>Use case name</b>	Create Customer	
<b>Actor</b>	Admin	
<b>Description</b>	When admin wants to create customer	
<b>Requirements</b>	Actor provides consumers information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-conditions</b>	Success: new Customer is added into the database	
	Fail: refill information	
<b>Basic flow</b>	<b>Actor's action</b>	<b>System's responses:</b>
	1. Actor chooses Customer Tab on menu.  3. Actor clicks 'Add New Customer' button.  5. Actor inputs information to create Customer.	2. System redirects to 'Customer' page and display a list of existing Customers.  4. System displays a form with the following fields:  - id  - fullname  - username  - password  - address  - phone  - email  - birthday



		- gender - active 6. System validates inputs. 7.       System adds new consumers into database. 8.       System       displays confirmation message or error message.
--	--	---

## UPDATE CUSTOMER

<b>Author</b>		
<b>Use Case Name</b>	Update Customer	
<b>Actors</b>	Admin	
<b>Description</b>	When admin wants to Update customer	
<b>Requirements</b>	Actor provides consumers information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-condition</b>	Success: Customer is update into the database	
	Fail: refill information	
<b>Basic flow</b>	<b>Actor's action</b>	<b>System's responses:</b>
	1. Actor chooses Customer Tab on menu. 3. Actor clicks on 'View Details' on a Customer 5. Actor chooses the criteria they want to update and input information.	2. System redirects to 'Customer' page and display a list of existing Customers. 4. System displays a form with the following fields: - fullname - username
<b>Prepared by: All members</b>		<b>Approved by: Lê Mộng Thúy</b>



		<ul style="list-style-type: none"> <li>- password</li> <li>- address</li> <li>- phone</li> <li>- email</li> <li>- birthday</li> <li>- gender</li> <li>- active</li> </ul> <p>6. System validates inputs.</p> <p>7.       System       update customer   into database.</p> <p>8.       System       displays confirmation message or error message.</p> <p>9. System redirects to customer's detail page.</p>
--	--	---

## DELETE CUSTOMER

<b>Author</b>	
<b>Use Case Name</b>	Delete Customer
<b>Actors</b>	Admin
<b>Description</b>	When admin wants to delete customer
<b>Requirements</b>	Actor provides consumers information
<b>Pre-conditions</b>	Actor is logged in admin
<b>Post-condition</b>	Success: Customer is delete from the database

<b>Prepared by: All</b>	<b>Approved by: Lê Mộng</b>
-------------------------	-----------------------------

<b>members</b>	<b>Thúy</b>
<b>Project Group No: 4</b>	<b>Version: 1.0</b>



	Fail: Customer is not deleted from the database	
<b>Basic flow</b>	<b>Actor's action</b>	<b>System's responses:</b>
	1. Actor chooses Customer Tab on menu.  3. Actor clicks 'Delete' button.	2. System redirects to 'Customer' page and display a list of existing Customers.  4. System delete consumers in the database.  5. System displays confirmation message or error message.

## FIND CUSTOMER

<b>Author</b>		
<b>Use Case Name</b>	Find Customer	
<b>Actors</b>	Admin	
<b>Description</b>	When admin wants to find consumers by ID	
<b>Requirements</b>	Actor provides Customer's id	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-condition</b>	Success: Show consumers that matches ID	
	Fail: No consumers is shown	
<b>Basic flow</b>	<b>Actor's action</b>	<b>System's responses:</b>
	1 Actor inputs ID.  3. Actor clicks customer's title in list or view, which matches the ID.	2. System show list of consumers that match the ID.



## LOCK CUSTOMER

<b>Author</b>		
<b>Use Case Name</b>	Lock Customer	
<b>Actors</b>	Admin	
<b>Description</b>	When admin wants to lock a customer	
<b>Requirements</b>	Actor provides Customer's information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-condition</b>	Success: set customer's status into "Lock" and updated in database	
	Fail: No changes are made	
<b>Basic flow</b>	<b>Actor's action</b>	<b>System's responses:</b>
	1. Actor chooses Customer row on User list and click "disable" button	2. System updates Customer's status into database.  3. System displays confirmation message or error message.

## UNLOCK CUSTOMER

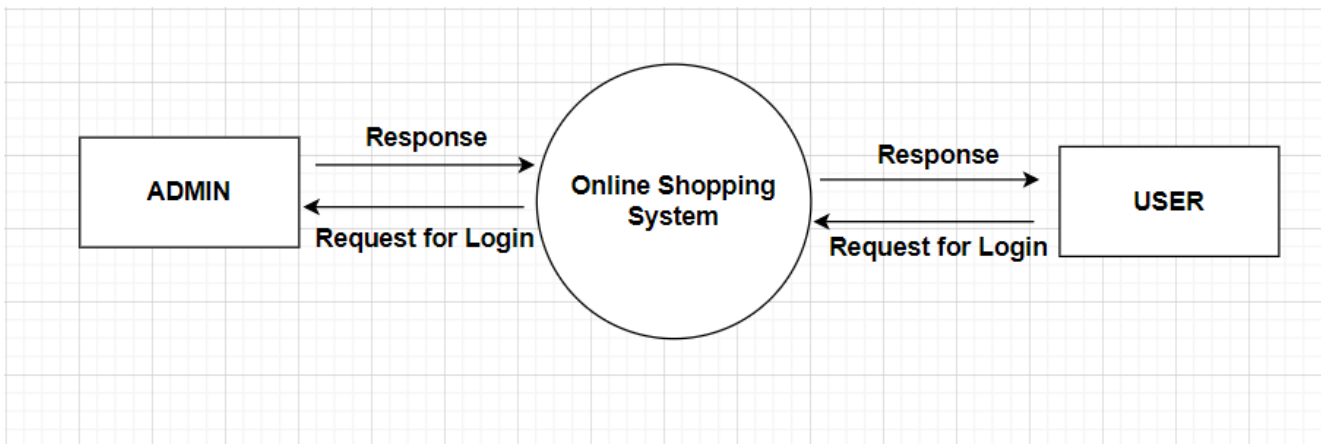
<b>Author</b>		
<b>Use Case Name</b>	Unlock Customer	
<b>Actors</b>	Admin	
<b>Description</b>	When admin wants to unlock a customer	



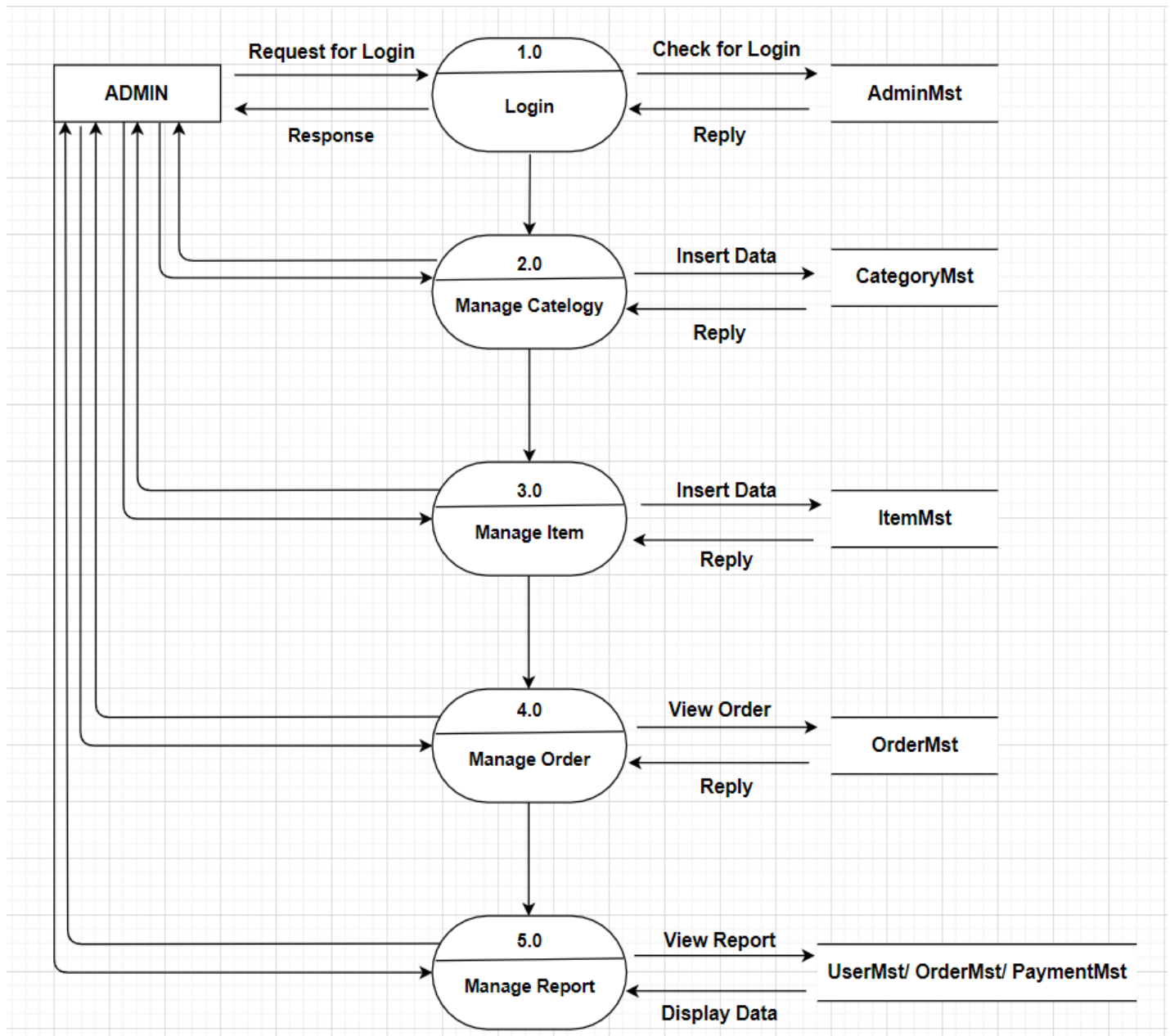
<b>Requirements</b>	Actor provides Customer's information	
<b>Pre-conditions</b>	Actor is logged in admin	
<b>Post-condition</b>	Success: set customer's status into "Unlock" and updated in database	
	Fail: No changes are made	
<b>Basic flow</b>	<b>Actor's action</b>	<b>System's responses:</b>
	1. Actor chooses Customer row on User list and click "enabled" button	2. System updates Customer's status into database.  3. System displays confirmation message or error message.

## 2. DATA FLOW DIAGRAM (DFD)

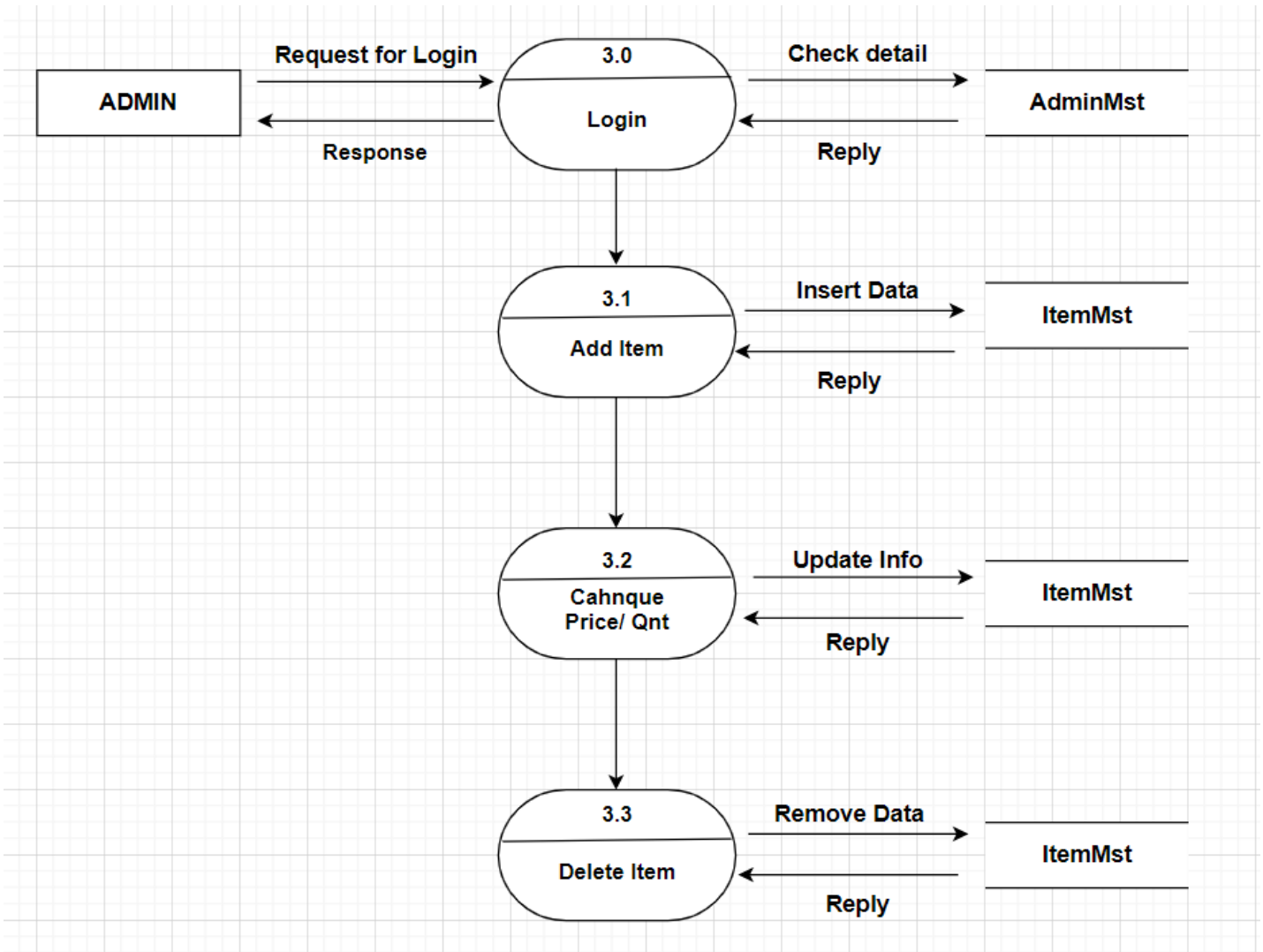
### LEVEL 0



**ADMINSIDE LEVEL 1**

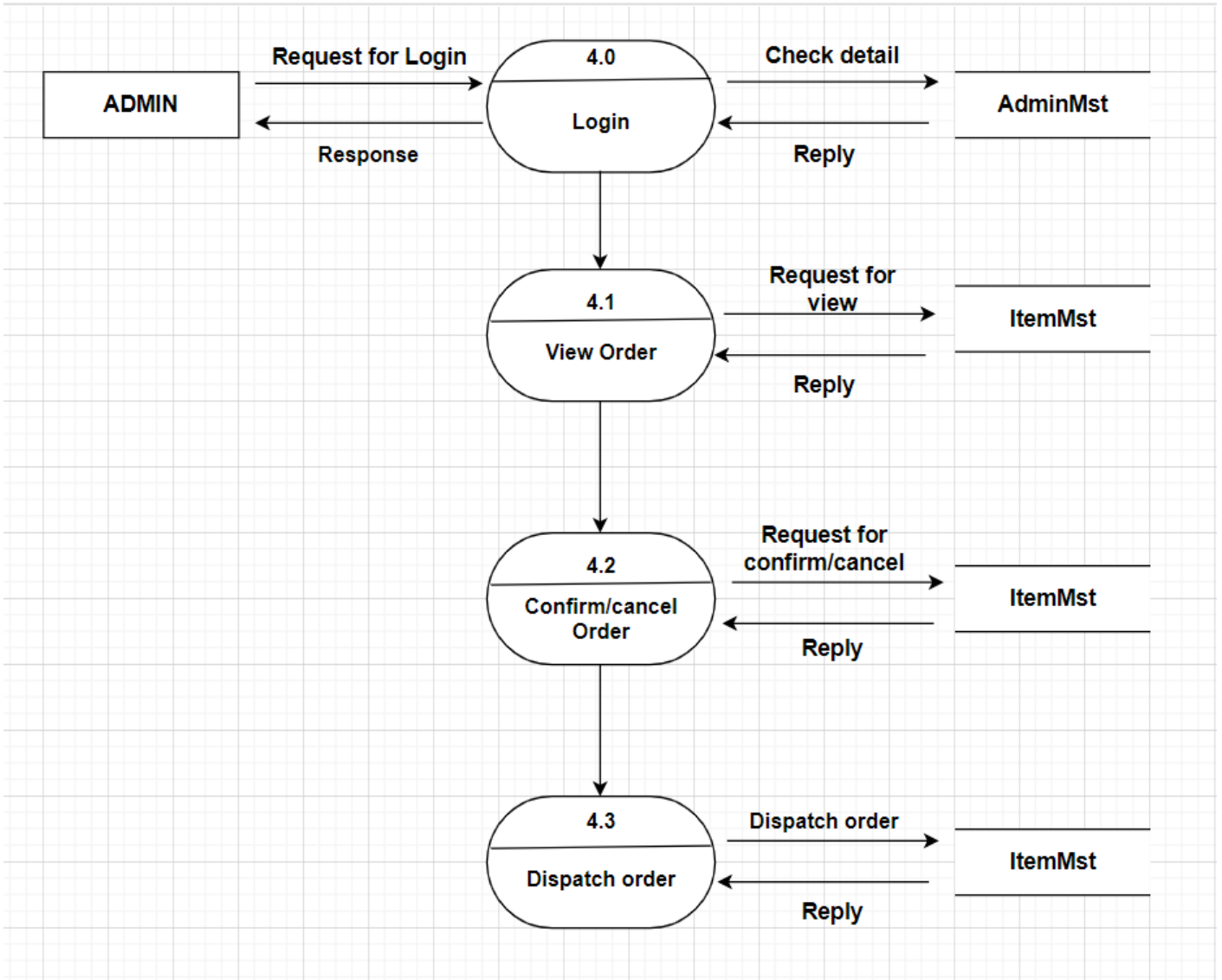


## ADMINSIDE LEVEL 2

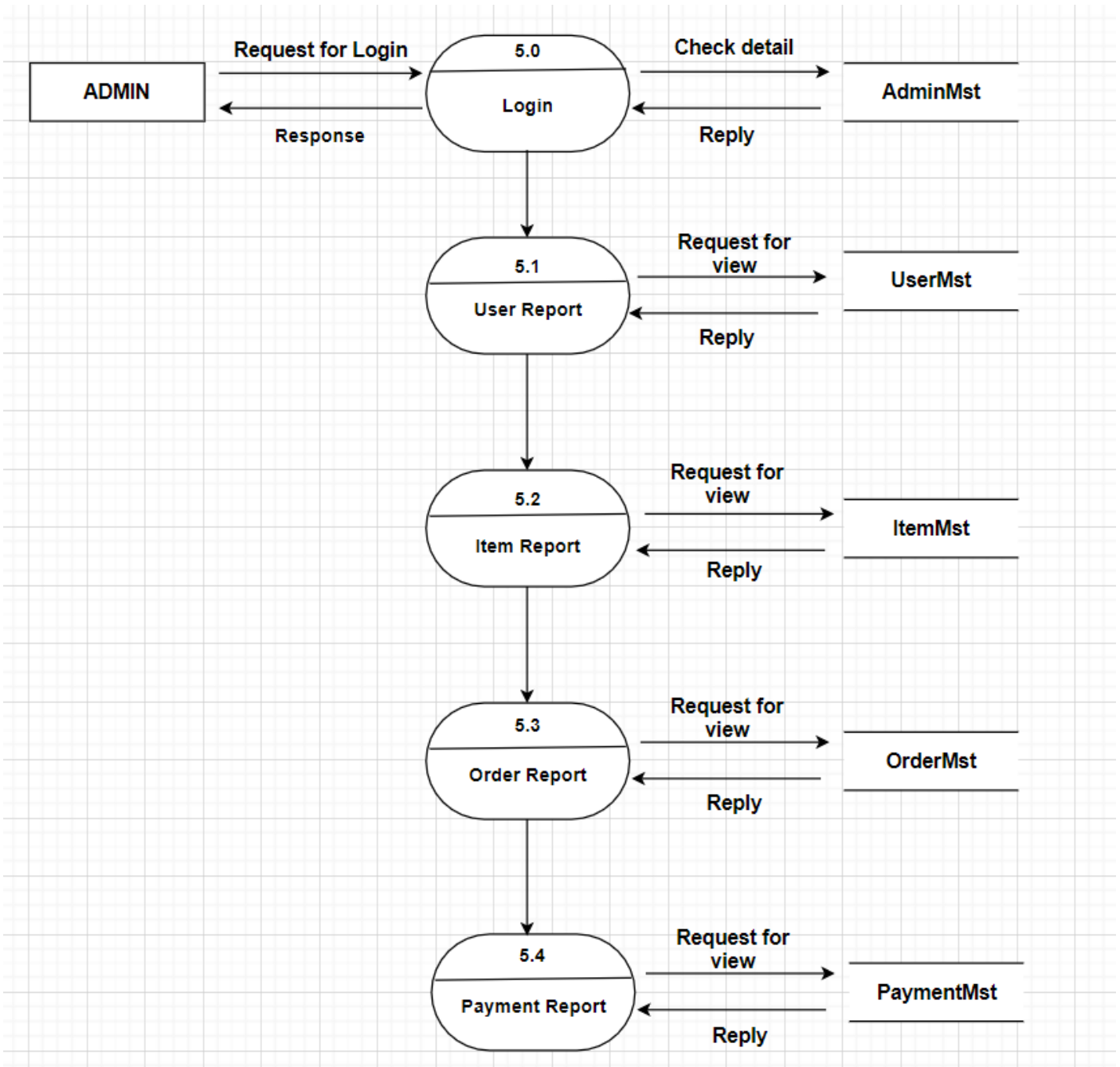




### ADMINSIDE LEVEL 3

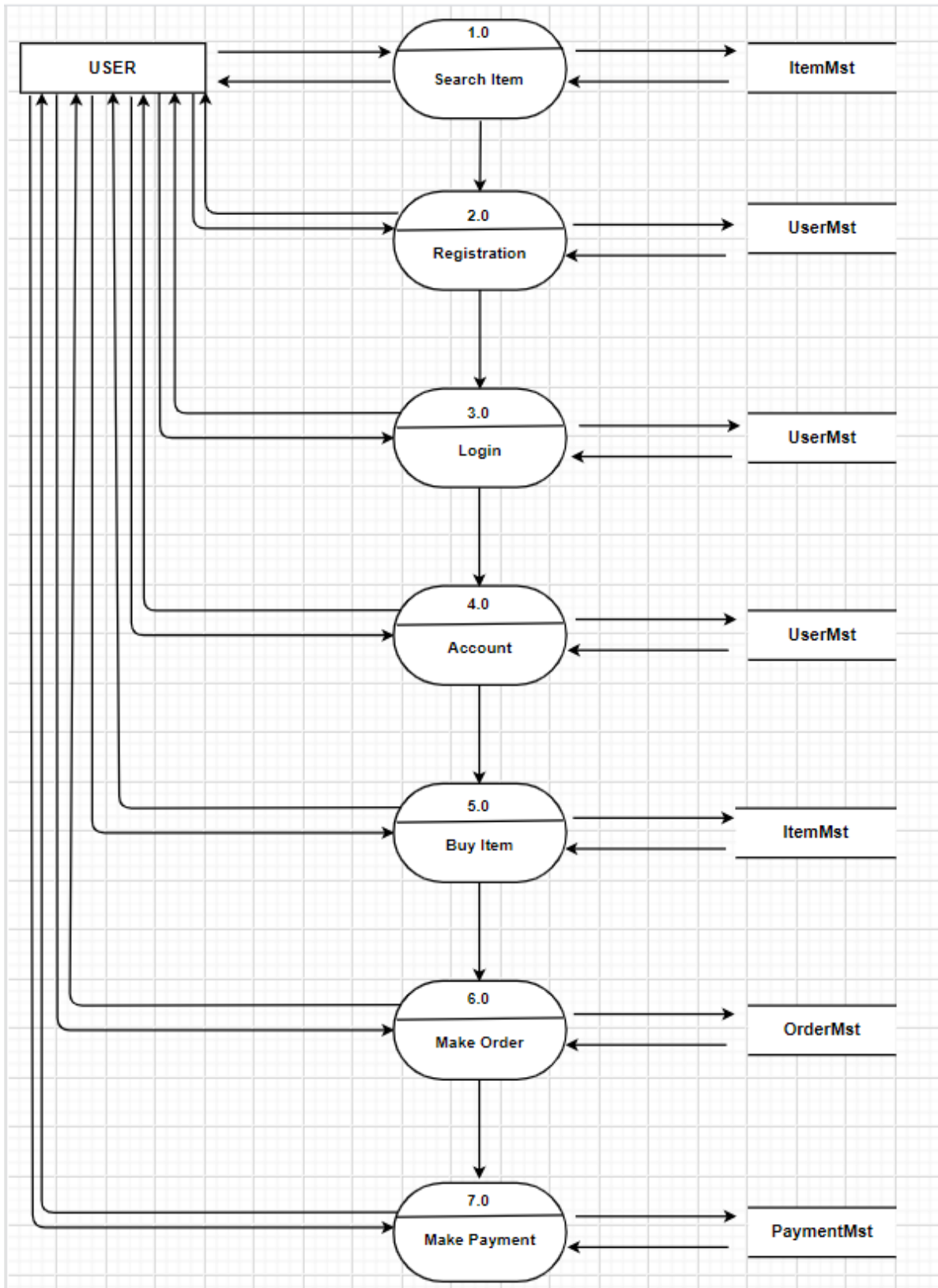


## ADMINSIDE LEVEL 4

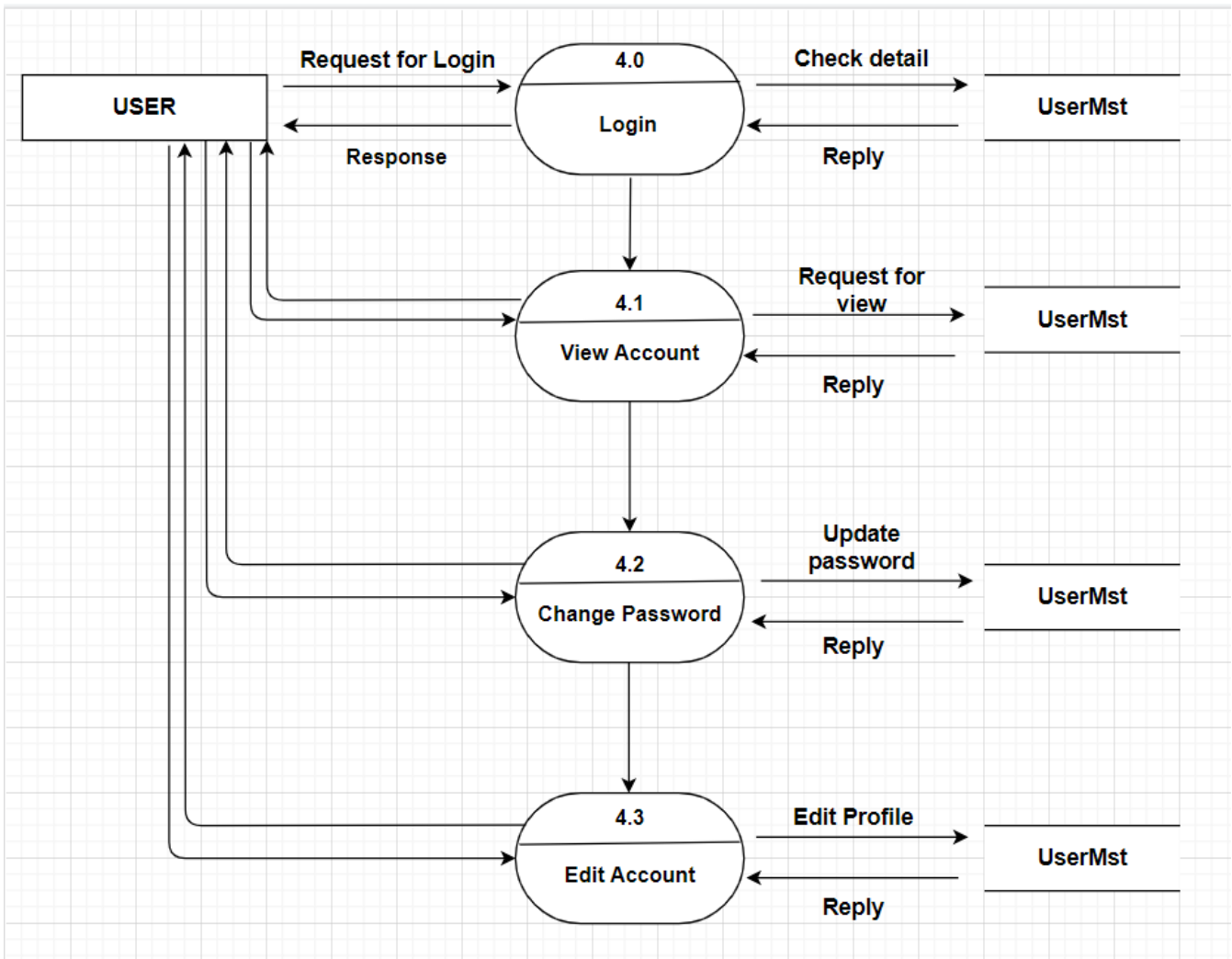




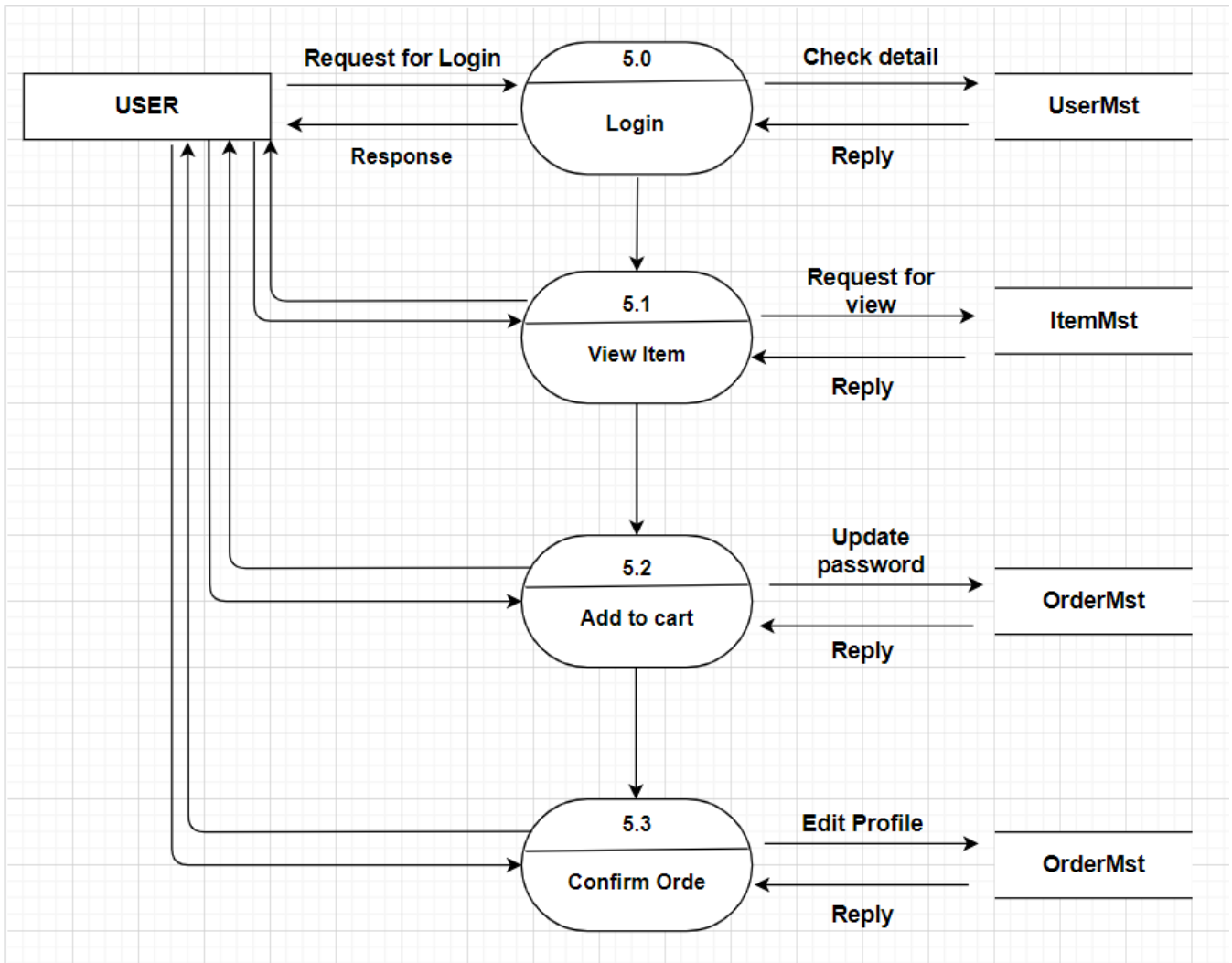
## USERSIDE LEVEL 1



## USERSIDE LEVEL 2

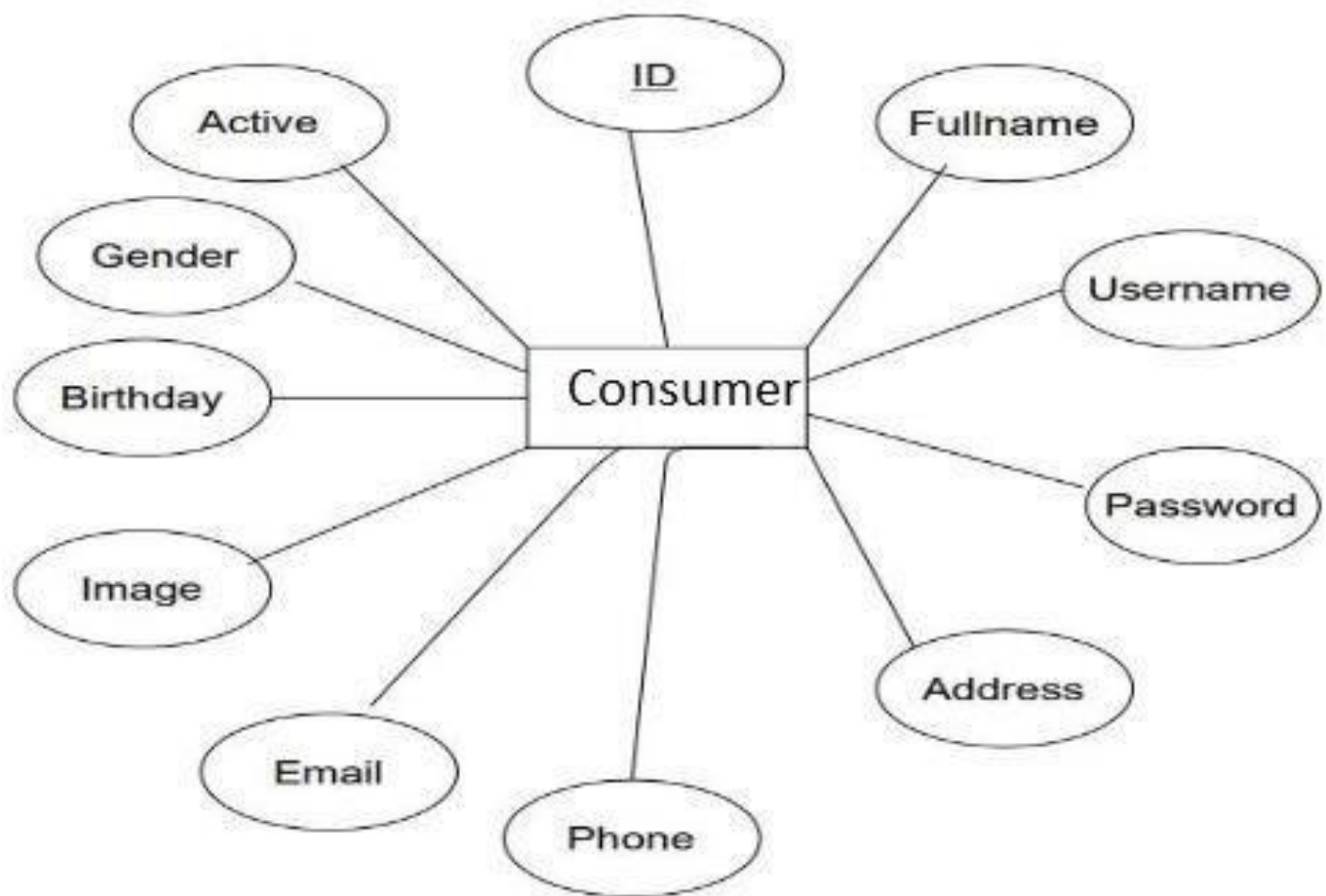


### USERSIDE LEVEL 3



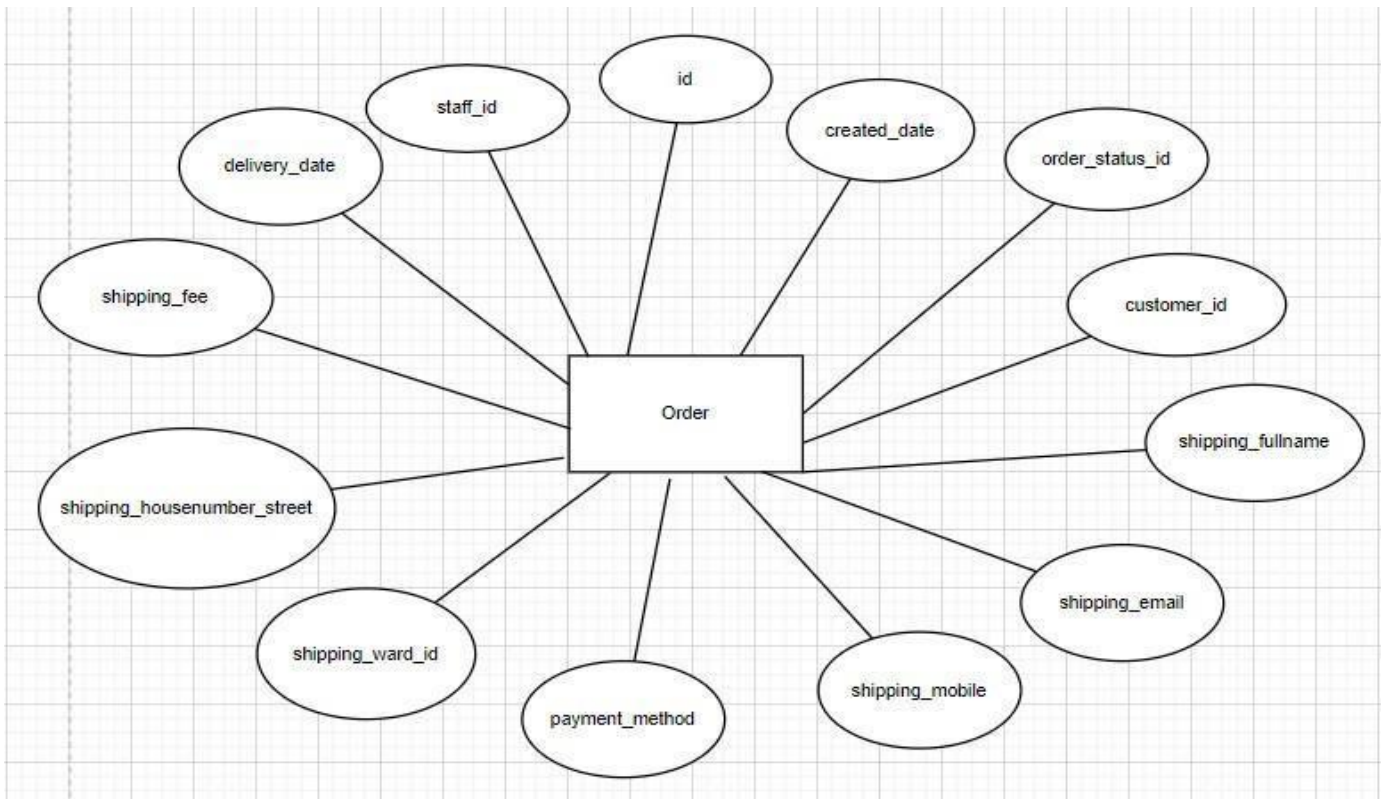
### 3. ENTITY PROPERTIES

#### Consumer

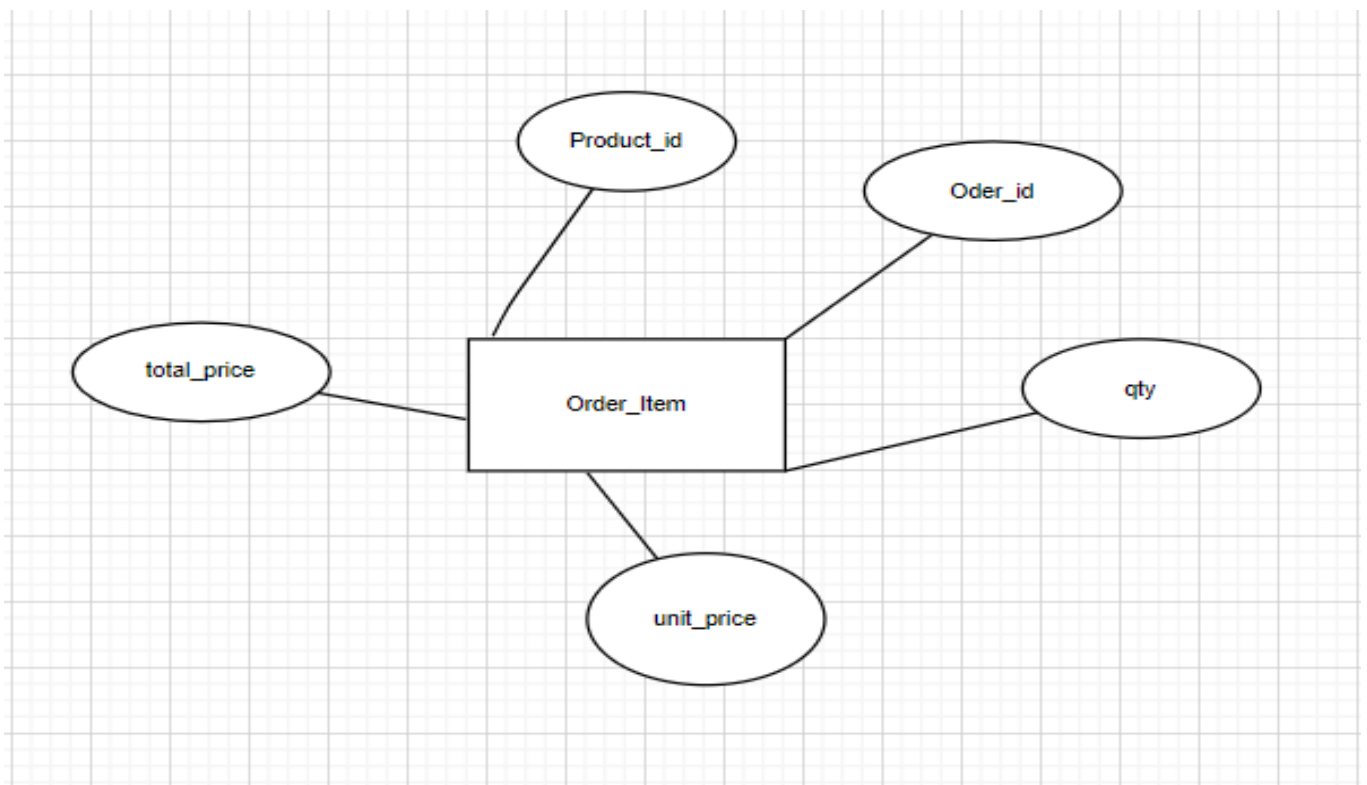




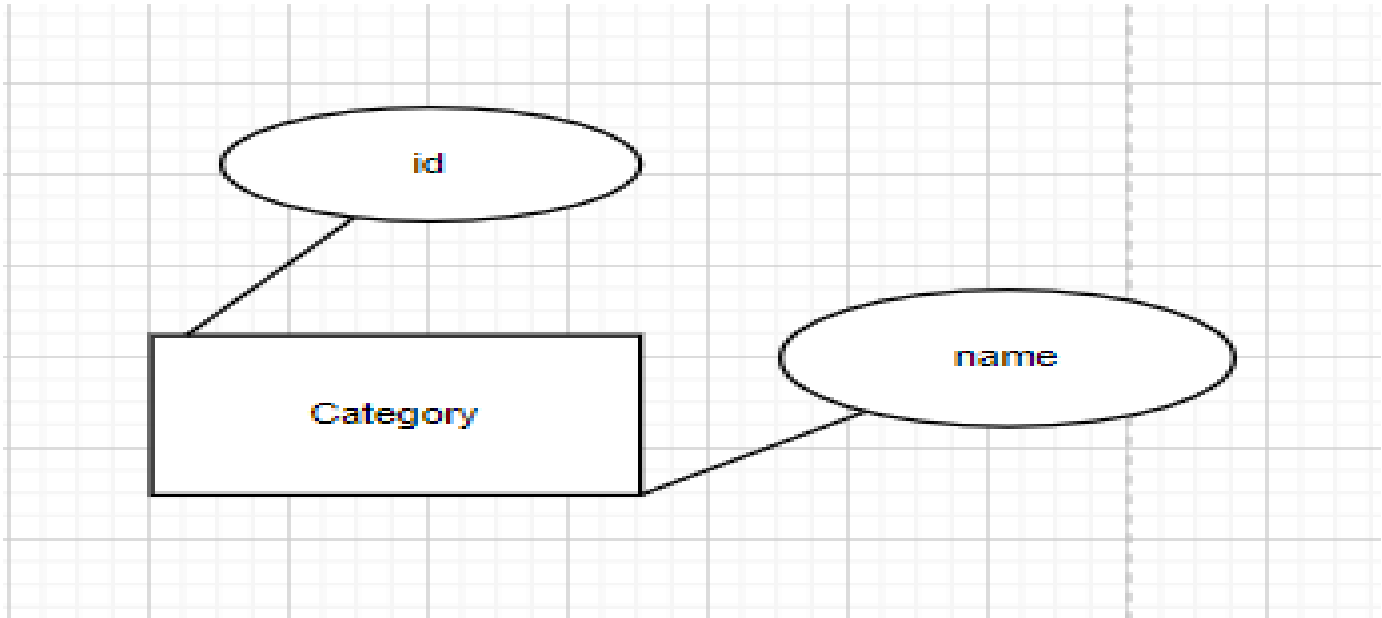
## ORDER



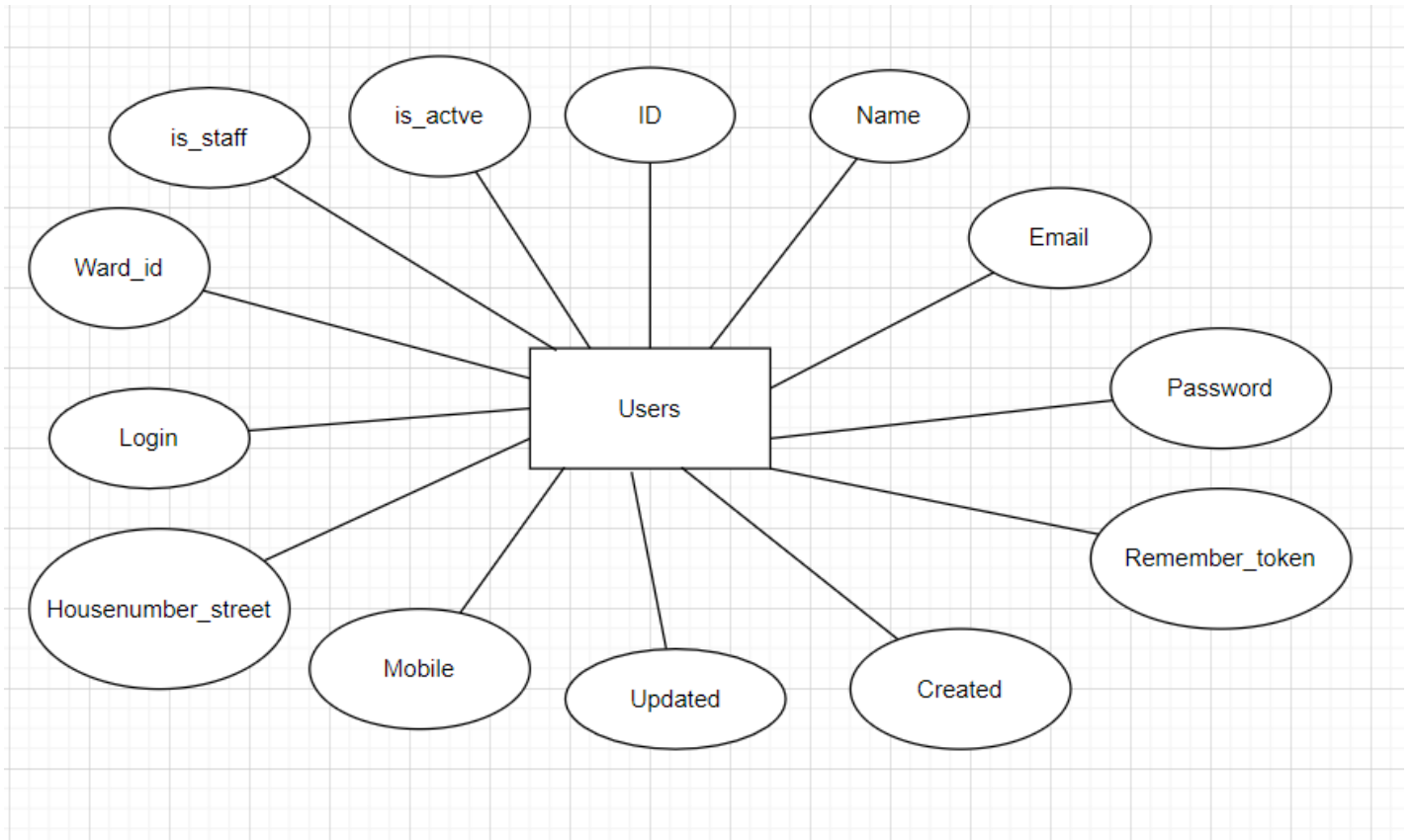
## ORDER\_ITEM



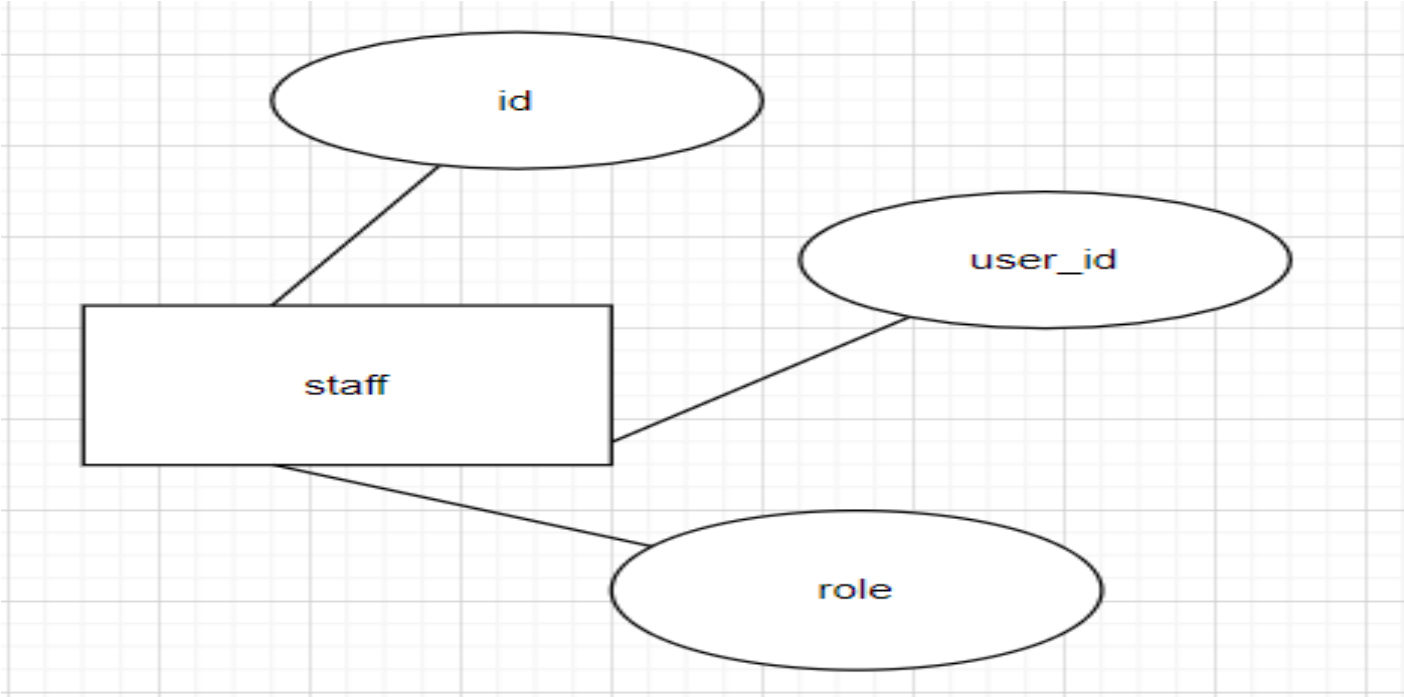
CATEGORY



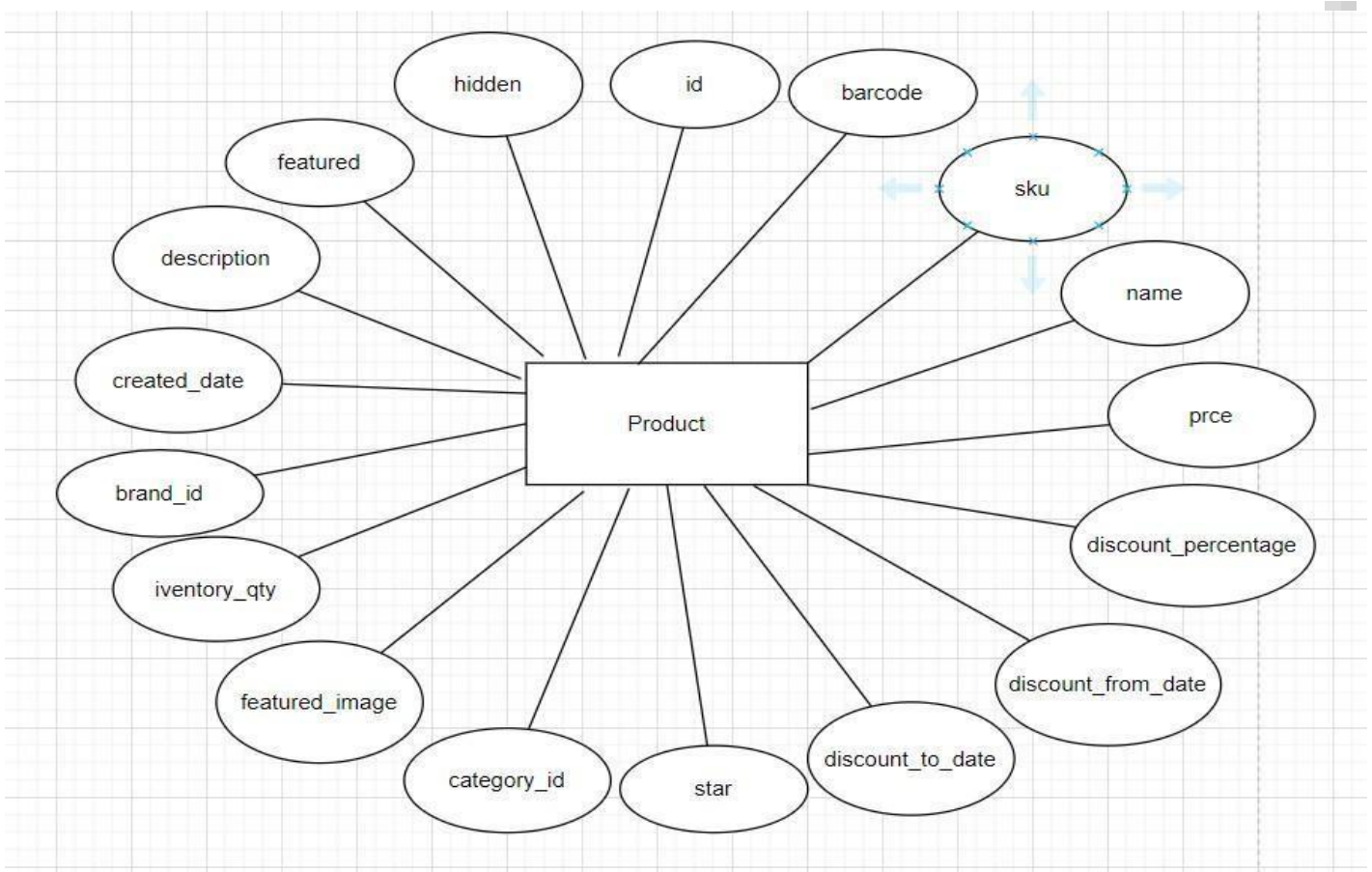
## USER



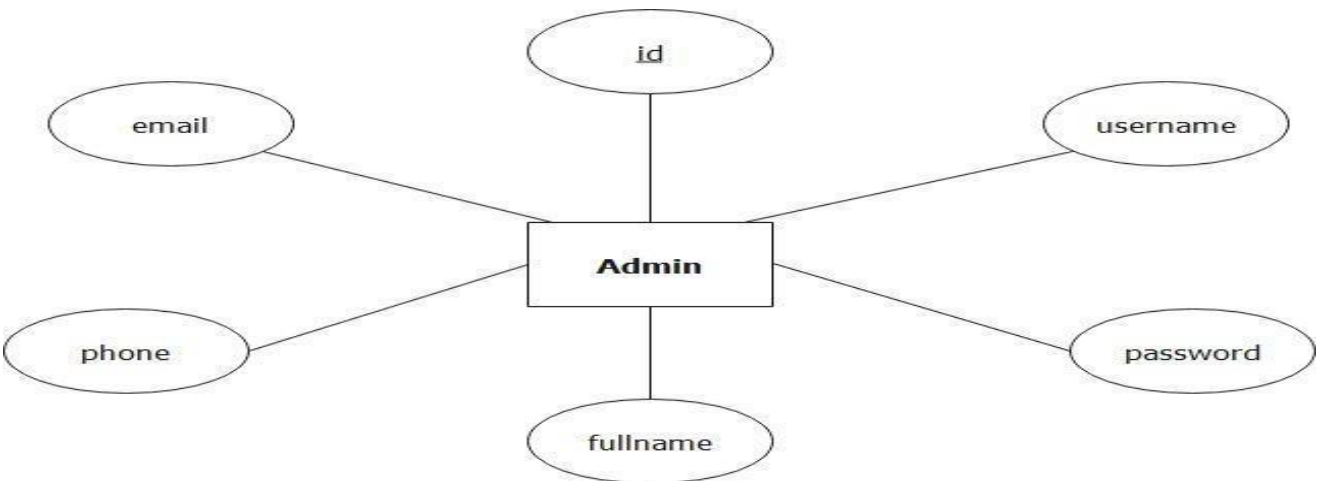
STAFF



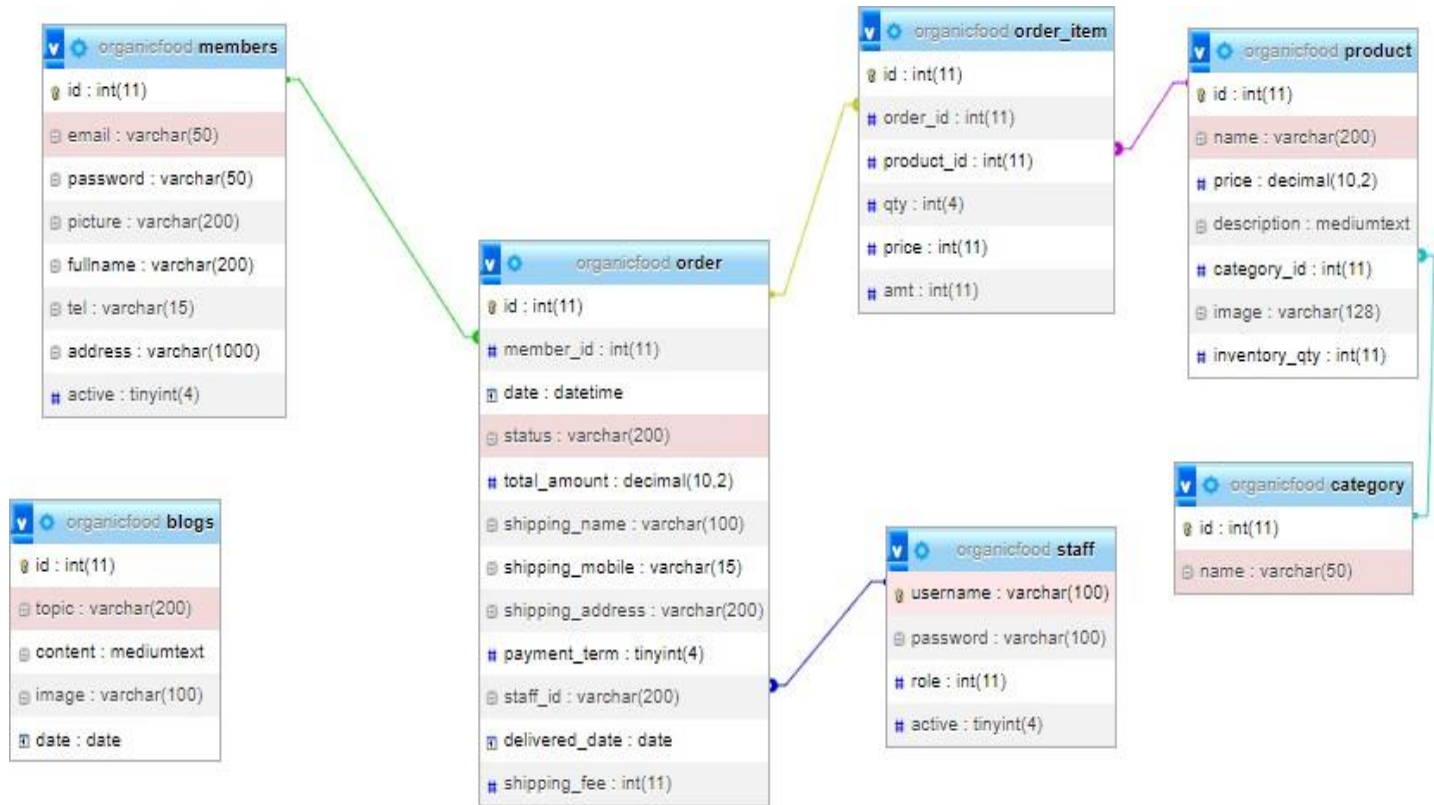
PRODUCT



**ADMIN**



## 4. ENTITY RELATIONSHIP DIAGRAM (ERD)



## 4. TABLE DESIGN

### TABLE STRUCTURE FOR TABLE CATEGORY

TABLE CATEGORY			
Column	Type	Nul I	Default
id	int(11)	No	
name	varchar(200)	No	

TABLE STRUCTURE FOR TABLE BLOG

TABLE BLOG			
Column	Type	Nul I	Default
id	int(11)		
topic	longtext		
image	varchar(128)		
date	datetime		

TABLE STRUCTURE FOR TABLE ORDER

TABLE ORDER			
Column	Type	Nul I	Default
id	int(11)	No	
member_id	int(11)	No	
date	datetime	No	
status	varchar	No	
total_amount	decimal(10,2)	No	
shipping_name	varchar(255)	Yes	
shipping_mobile	varchar(15)	No	
shipping_address	varchar(200)	No	
payment_term	tinyint(4)	Yes	

<b>staff_id</b>	int(11)	No	
<b>delivery_date</b>	int(11)	Yes	
<b>shipping_fee</b>	int(11)	Yes	
<b>delivered_date</b>	date	Yes	

<b>Prepared by: All members</b>	<b>Approved by: Lê Mộng Thúy</b>
<b>Project Group No: 1</b>	<b>Version: 1.0</b>

TABLE STRUCTURE FOR TABLE ORDER\_ITEM

<b>TABLE ORDER_ITEM</b>			
<b>Column</b>	<b>Type</b>	<b>Nul l</b>	<b>Default</b>
<b>id</b>	int(10)	No	
<b>order_id</b>	int(10)	No	
<b>product_id</b>	int(11)	No	
<b>qty</b>	int(11)	No	
<b>unit_price</b>	int(11)	No	
<b>total_price</b>	int(10)	No	

TABLE STRUCTURE FOR TABLE PRODUCT

<b>TABLE PRODUCT</b>			
<b>Column</b>	<b>Type</b>	<b>Nu</b>	<b>Default</b>



		<b>II</b>	
<b>id</b>	int(11)	No	
<b>name</b>	varchar(200)	No	
<b>price</b>	decimal(10,2)	No	
<b>description</b>	mediumtext	yes	
<b>category_id</b>	int(11))	No	
<b>image</b>	varchar(128)	No	
<b>inventory_qty</b>	int(11)	No	

**TABLE STRUCTURE FOR TABLE STAFF**

<b>TABLE STAFF</b>			
<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<b>username</b>	int(11)	No	
<b>password</b>	varchar(200)	No	
<b>role</b>	tinyint(4)	No	inspector
<b>active</b>	tinyint(4)	No	

**TABLE STRUCTURE FOR TABLE MEMBERS**

<b>TABLE MEMBERS</b>			
<b>Column</b>	<b>Type</b>	<b>Null</b>	<b>Default</b>
<b>id</b>	bigint(20)	No	
<b>fullname</b>	varchar(255)	No	
<b>email</b>	varchar(255)	No	
<b>picture</b>	varchar(128)	Yes	NULL
<b>password</b>	varchar(255)	No	

<b>tel</b>	int(11)	No	NULL
<b>address</b>	varchar(200)	No	NULL
<b>Active</b>	tinyint(4)	Yes	NULL

## 5. TASK SHEET REVIEW 2

Project: Organic Food		Project Name	Activity Plan Prepared By	Date of Preparation of Activity Plan:			
Sr./No.	Task			Actual Start Date	Actual Days	Team member name	Status
1	Use Case	Organic food	Mai	5-June-22	3	Mai	Completed
2	Data Flow Diagram (DFD)			5-June-22	3	Đức/ Phong Lưu	Completed
3	Entity Relationship Diagram (ERD)			6-June-22	3	Đức, Minh	Completed
4	Entity Properties			7-June-22	3	Minh/Lưu	Completed
5	Table Design			7-June-22	3	Mai	Completed

<p align="center"><b>Signature of Instructor:</b></p>	<p align="center"><b>Signature of Team Leader:</b></p>
<p align="center">Ms. Le Mong Thuy</p>	<p align="center">Nguyen Dinh Duc</p>

<p align="center"><b>Signature of Instructor:</b></p>	<p align="center"><b>Signature of Team Leader:</b></p>
<p align="center">Ms. Le Mong Thuy</p>	<p align="center">Nguyen Dinh Duc</p>

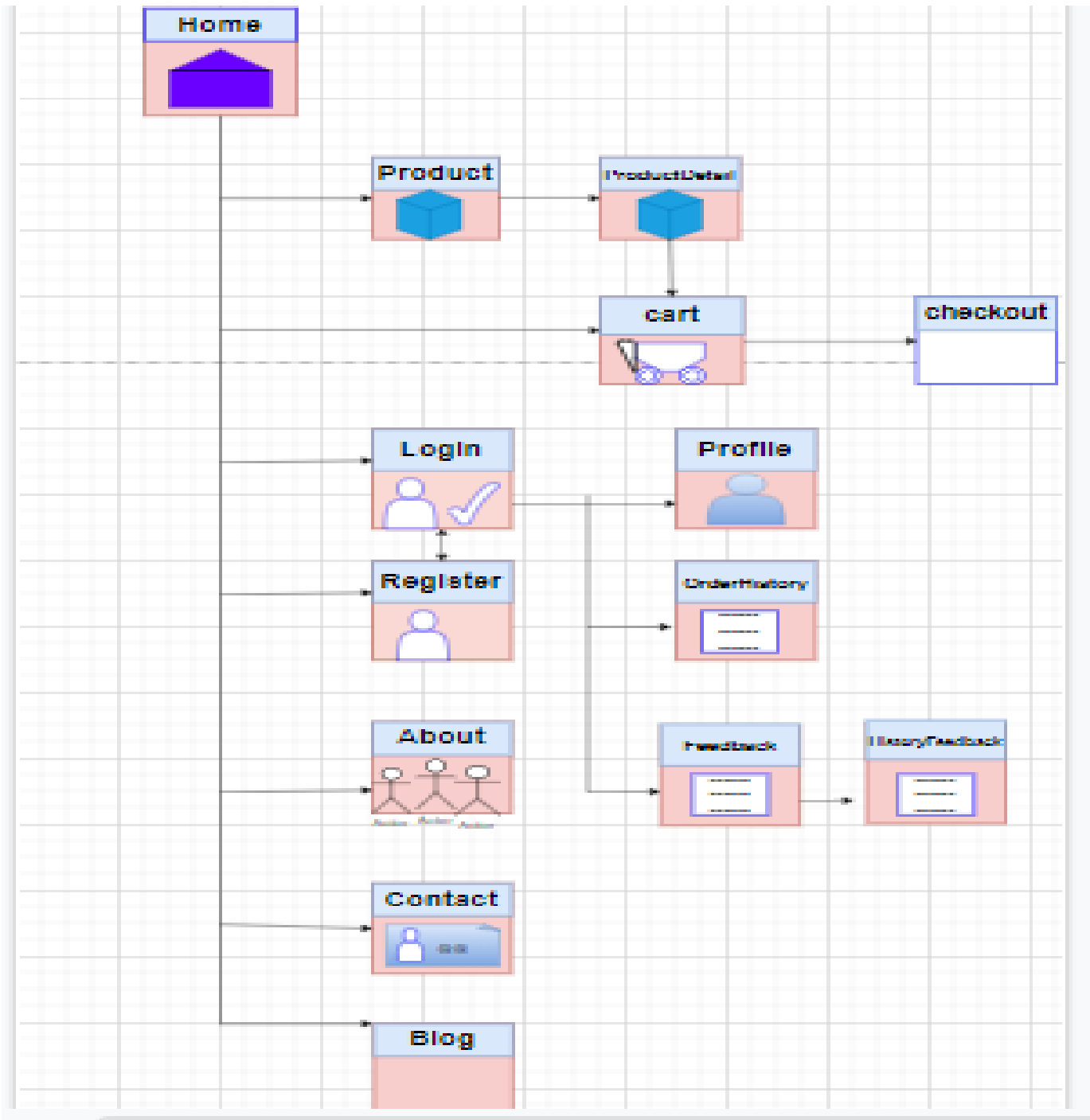
<p align="center"><b>Signature of Instructor:</b></p>	<p align="center"><b>Signature of Team Leader:</b></p>
<p align="center">Ms. Le Mong Thuy</p>	<p align="center">Nguyen Dinh Duc</p>

<p align="center"><b>Signature of Instructor:</b></p>	<p align="center"><b>Signature of Team Leader:</b></p>
<p align="center">Ms. Le Mong Thuy</p>	<p align="center">Nguyen Dinh Duc</p>

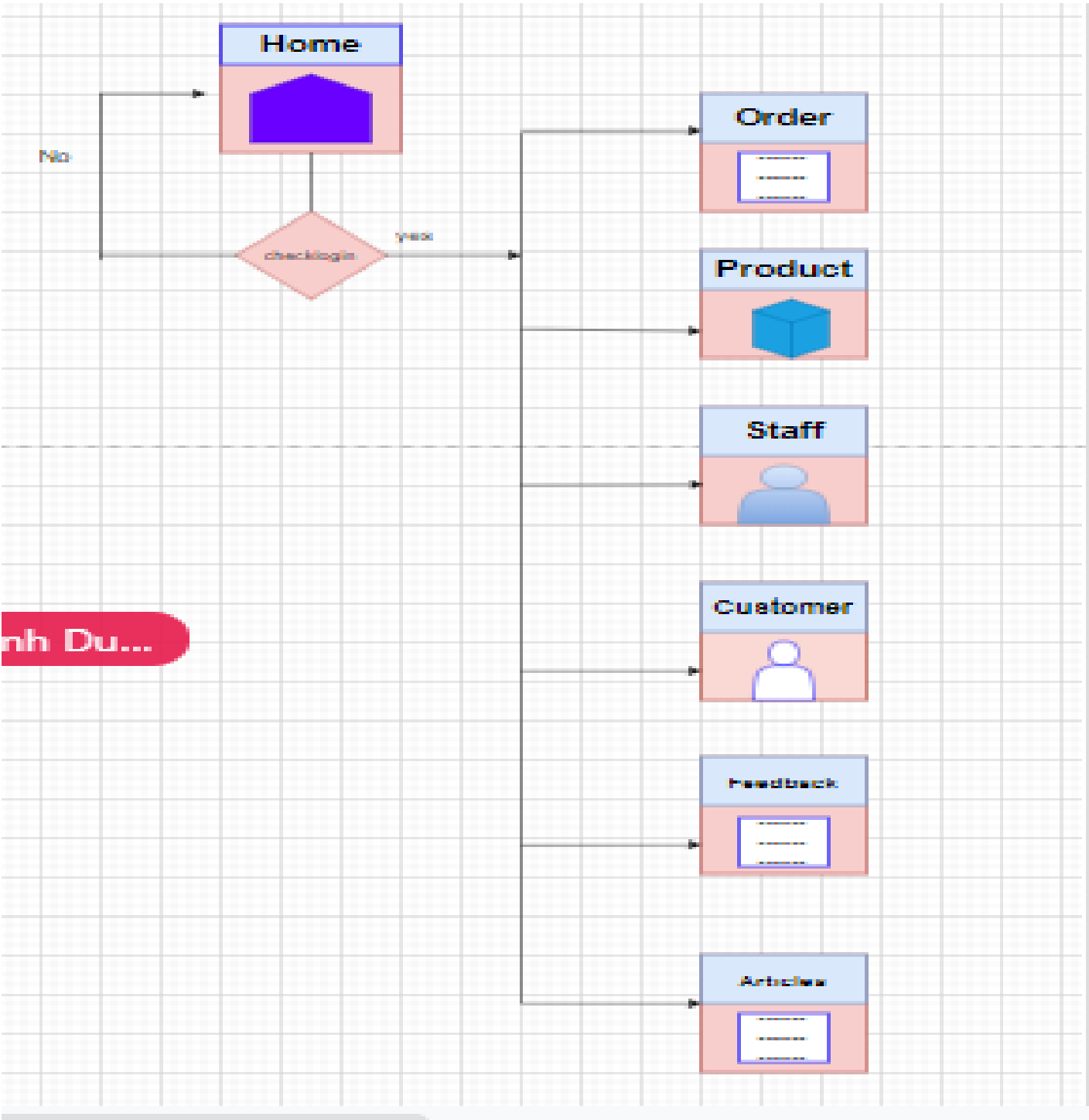
## REVIEW 3

# 1. SITE MAP

## HOME SITE MAP

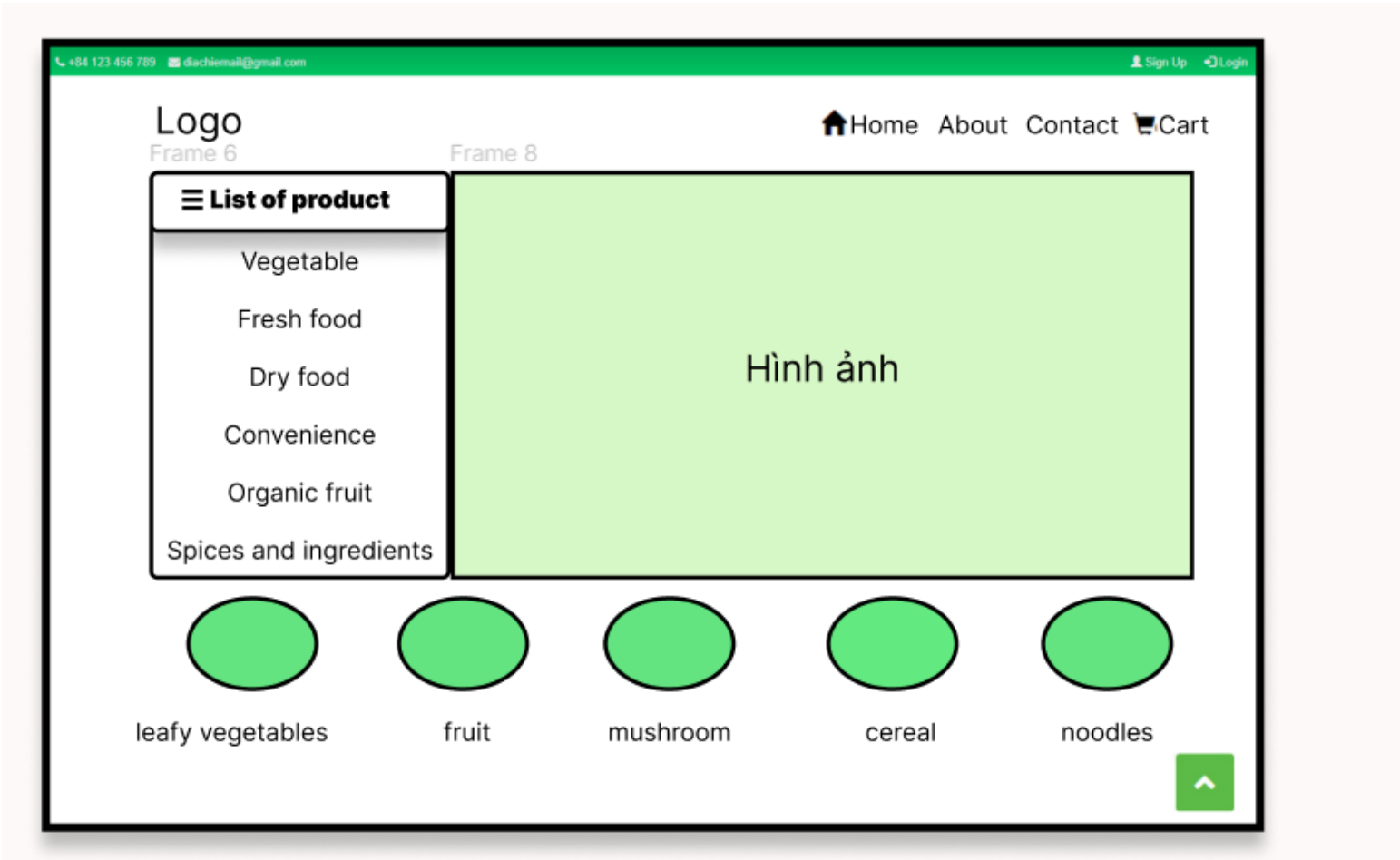


ADMIN'S SITE MAP



## 2. ORGANIC FOOD STORE WIREFRAME

### HOMEPAGE



Dash Board

Orders

Products

Staff

Customer

Feedback

Articles

Welcome ...

Admin name

XXXXXXXXXX

Username

XXXXXXXXXX

password

change pw

Order list

Mã	Tên khách hàng	Điện thoại	Email	Trạng Thái
XXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

## PRODUCT

+84 123 456 789

dachiemai@gmail.com

Sign Up

Login

Logo

HomeAboutContactCart

Price

From

To

VEGETABLE

Leafy vegetables

Frame 15

Name  
gram

00.000 đ

Frame 16

Name  
gram

00.000 đ

Frame 17

Name  
gram

00.000 đ

Frame 18

Name  
gram

00.000 đ

fruit

Frame 19

Name  
gram

00.000 đ

Frame 20

Name  
gram

00.000 đ

Frame 21

Name  
gram

00.000 đ

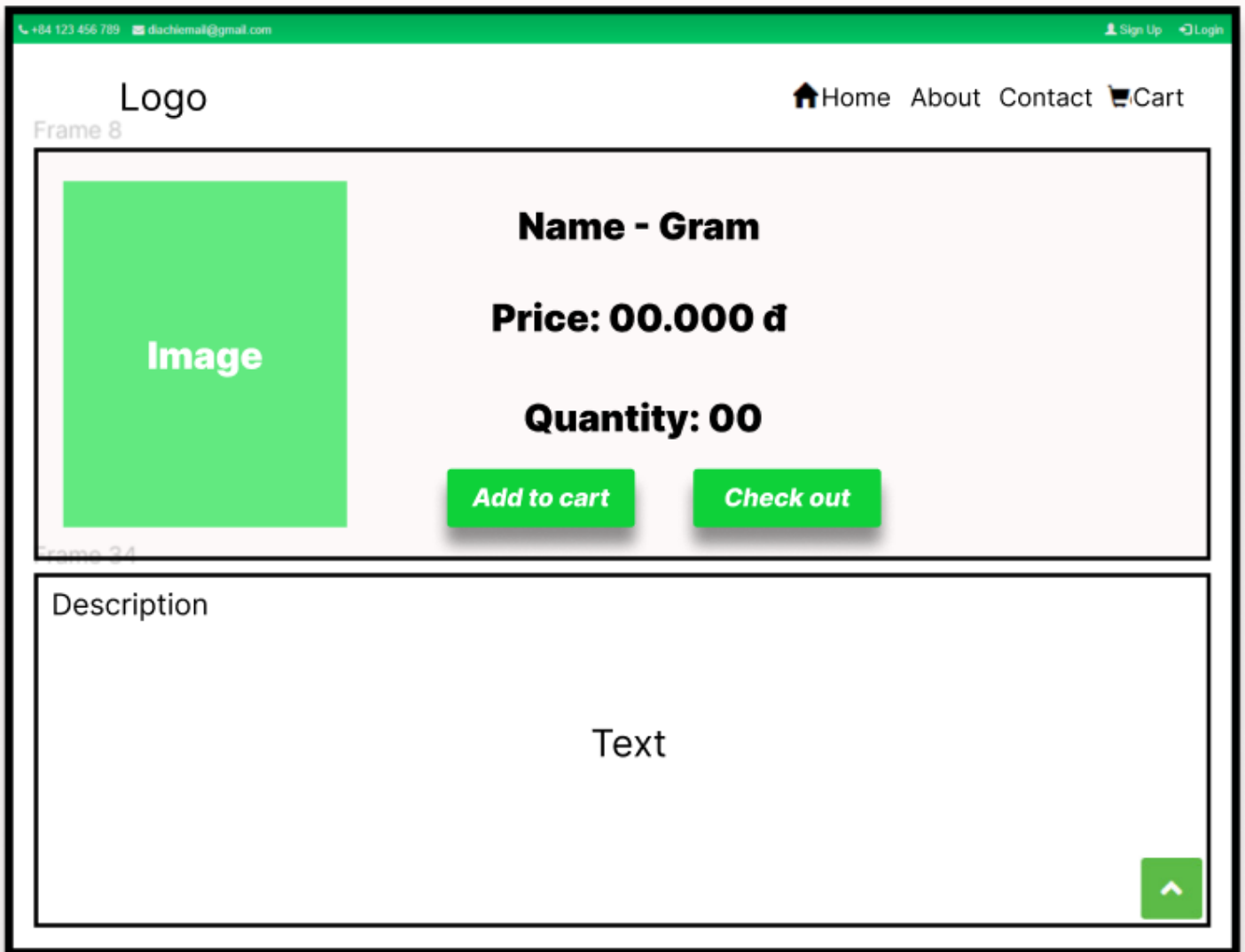
Frame 22

Name  
gram

00.000 đ



## PRODUCT DETAIL DESCRIPTION



## USER ACCOUNT PROFILE

+84 123 456 789

diachemai@gmail.com

Sign Up

Login

Logo

Frame 8

Home

About

Contact

Cart

Frame 15

Profile

Frame 16

Order History

Frame 18

Change password

Frame 20

History feedback

Profile

Name

Phone

Email

Address

Frame 19

Button

# USER ACCOUNT ORDER HISTORY

+84 123 456 789

diachiemail@gmail.com

Sign Up

Login

Logo

Frame 8

Home

About

Contact

Cart

Frame 15

Profile

Frame 16

Order History

Frame 18

Change password

Frame 31

History feedback

Profile

Frame 19

Item feature	Description	Price	Quantity	Action
<div>Frame 20</div> <div>Image</div>	<div>Frame 21</div> <div>Text</div>	<div>Frame ...</div> <div>Number</div>	<div>Frame...</div> <div>Number</div>	<div>Frame ...</div> <div></div>
<div>Frame 25</div> <div>Image</div>	<div>Frame 26</div> <div>Text</div>	<div>Frame 27</div> <div>Number</div>	<div>Frame...</div> <div>Number</div>	<div>Frame ...</div> <div></div>

Frame 30

Button

## USER ACCOUNT CHANGE PASSWORD

+84 123 456 789

dachiamail@gmail.com

Sign Up

Login

Logo

Frame 8

Frame 15

Profile

Frame 16

Order History

Frame 18

Change password

Frame 31

History feedback

Frame 19

Change password

Old password

Frame 20

Text

New password

Frame 21

Text

Confirm password

Frame 22

Text

Frame 24

Save

Frame 23

Reset

USER ACCOUNT HISTORY FEEDBACK

+84 123 456 789

diachiemai@gmail.com

Sign Up

Login

Logo

Frame 8

Home

About

Contact

Cart

Frame 15

Profile

Frame 16

Order History

Frame 18

Change password

Frame 17

History feedback

Profile

Frame 19

Product ID	Created date	Feedback	Staff reply	Reply	Date reply
Number	Date	Text	Text	Text	Date
Number	Date	Text	Text	Text	Date

Frame 31

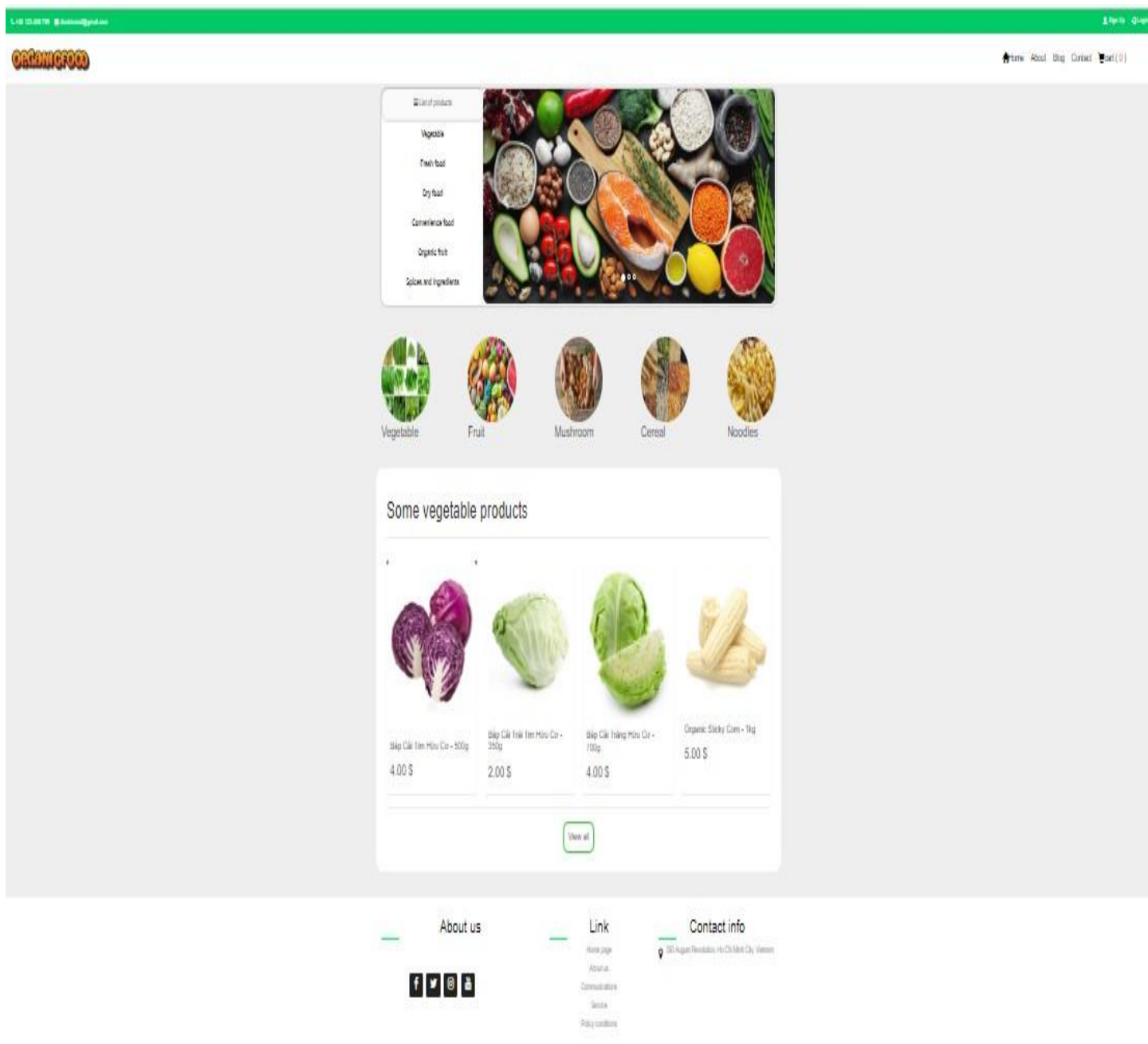
Frame 32

Frame 30

Button

### 3. Organic Food STORE SCREENSHOT

#### HOME PAGE



## REGISTER PAGE



### Register

Email

Password

Picture

No file chosen

Fullname

Tel

Address

Active

## LOGIN PAGE



## Login

**Username**

**Password**

Log in

You don't have an account? [Register here!](#)

### About us



### Link

[Home page](#)  
[About us](#)  
[Communications](#)  
[Service](#)

### Contact info

580 August Revolution, Ho Chi Minh City, Vietnam





# PRODUCT

+ 494 123 456 789 | [duchermat@gmail.com](mailto:duchermat@gmail.com)

[Sign Up](#) | [Login](#)

**ORGANICFOOD**

[Home](#) | [About](#) | [Blog](#) | [Contact](#) | [Cart \(0\)](#)

Price:

to

[Find](#)

## Vegetable



Bắp Cải Tím Hữu Cơ - 500g  
4.00 \$



Bắp Cải Trái Tím Hữu Cơ - 350g  
2.00 \$



Bắp Cải Trắng Hữu Cơ - 700g  
4.00 \$



Organic Sticky Corn - 1kg  
5.00 \$



Organic Sweet Corn 500gr  
2.00 \$



Organic Green Gourds - 500g  
3.00 \$



Organic Pumpkin - 500g  
3.00 \$



Organic Pea Pumpkin - 1Kg  
4.00 \$



Organic Green Pumpkin - 300g  
2.00 \$



Organic Baby Broccoli - 250G  
2.00 \$



Organic Sweet Bee Tomato - 300g  
3.00 \$



Organic Chocolate Bee Tomato-300g  
3.00 \$



Organic Beef Tomato - 300g  
3.00 \$



Yellow Cherry Fruit Tomato 250g  
2.00 \$



Organic Baby Carrot- 200g  
2.00 \$

## PRODUCT DETAIL

+84 123 456 789 [diachiemai@gmail.com](mailto:diachiemai@gmail.com)

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**ORGANICFOOD**


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### Organic Sweet Bee Tomato - 300g

3.00 \$

Quantity:

Add to cart 

Check out 

#### Description

Cherry tomatoes are rich in vitamin C, vitamin A and calcium. Their health benefits are notable antioxidants and cancer prevention. According to WHFoods, a 14-month study in the Journal of the National Cancer Institute found tomatoes to play an important role in prostate cancer prevention. Tomatoes contain lycopene, which has been linked to the prevention of heart disease. It also functions as an antioxidant that helps protect cells.

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**USER ACCOUNT**

**BLOG**





# CART

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Product	Price	Quantity	Subtotal	
 Bắp Cải Tím Hữu Cơ - 500g	\$4.00	<input type="text" value="1"/>	\$4	<a href="#">Refresh</a> <a href="#">Delete</a>
 Bắp Cải Trắng Hữu Cơ - 700g	\$4.00	<input type="text" value="1"/>	\$4	<a href="#">Refresh</a> <a href="#">Delete</a>
 Organic Sweet Corn 500gr	\$2.00	<input type="text" value="2"/>	\$4	<a href="#">Refresh</a> <a href="#">Delete</a>
 Organic Sticky Corn - 1kg	\$5.00	<input type="text" value="1"/>	\$5	<a href="#">Refresh</a> <a href="#">Delete</a>
<a href="#">Continue Shopping</a>			Total \$17	

## About us



## Link

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## Contact info

[500 August Revolution, Ho Chi Minh City, Vietnam](#)



**CHECK-OUT**



4. TASK SHEET REVIEW 3

Project: Organic Food		Project Name	Activity Plan Prepared By	Date of Preparation of Activity Plan:			
No	Task			Actual Start Date	Actual Days	Team member name	Status
1	Database Design	Organic food	Đức	10-June-22	30	Đức	Completed
2	Front-end layout			10-June-22	1	Đức/Mai/Minh	Completed
3	Back-end layout			10-June-22	1	Đức/Mai/Minh	Completed
4	Admin dashboard			10-June-22	30	Đức	Completed
5	CRUD – order, order-item, product, user, staff, authorizations, transport			10-June-22	30	Đức/Mai/Minh	Completed
9	Admin SendEmail Functions			10-June-22	3	Đức/Mai/Minh	Completed
10	Home page			10-June-22	1	Đức	Completed
11	Products			10-June-22	1	Đức	Completed

12	Product detail page			10-June-22	1	Đức	Completed
13	Login/Register			10-June-22	1	Mai/Minh	Completed
14	Social Login			10-June-22	1	Mai/Minh	Completed
15	Blog			10-June-22	3	Lưu	Completed
16	Cart			10-June-22	2	Đức	Completed
17	Checkout			10-June-22	2	Đức	notCompleted
19	About us			10-June-22	1		Completed
20	Contact us			10-June-22	1		Completed
21	User Account			10-June-22	1	Đức	Completed
23	Purchase history			10-June-22	1	Mai/Minh	Completed
24	Content Collection			10-June-22	1	Đức Thịnh	Completed
25	UI/UX testing			10-June-22	30	Mai/Minh	Completed

Date: 10 june 2022

**Signature of  
Instructor:**

**Ms. Le Mong Thuy**

**Signature of Team  
Leader:**

**Nguyen Dinh Duc**