
GROUP05

Awn Anw
Use-Case Specification

Version 1.1

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Revision History

Date	Version	Description	Author
22/07/2023	1.0	Initial version	Integrated context
03/08/2023	1.1	Update post-conditions of each use-case	Ngo Phuoc Tai

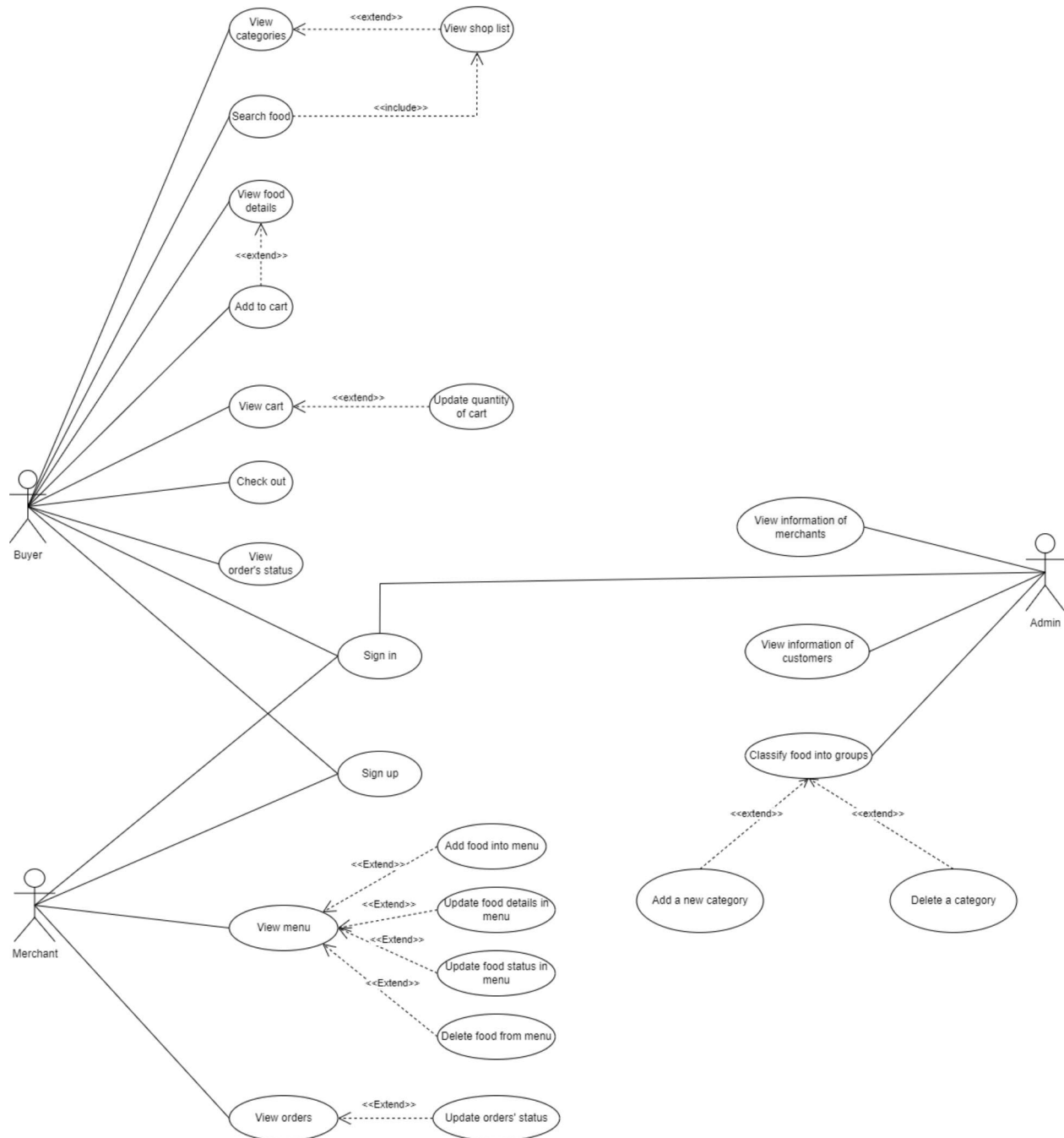
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1. Use-case diagram



2. Use-case specification

2.1 Add Category

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Use Case Name	Add A Category
Brief Description	This feature is for the admin to add a category.
Actor(s)	Admin
Pre-Condition(s)	1. Sign in To delete any category, the admin must sign in to the system with a valid email and password.
Post_Condition(s)	1. Display announcement After the users press the “Save” button, the system displays an announcement “Add category successfully”.
Basic Flows	1. The system displays a form with a field of information including name. 2. The admin fills in the name for the new category. 3. The admin presses the “Save” button. 4. The system saves the new category into the category list.
Alternative Flows	1. Cancel add action At step 3 in the basic flow, the admin can choose the ‘cross’ icon to cancel the add action.

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2.2 Add Food Into Menu

Use Case Name	Add Food Into Menu
Brief Description	This feature is for merchants to add a new food or drink to their menu.
Actor(s)	Merchants
Pre-Condition(s)	1. Sign in To add new food to the menu, merchants must sign in to the system with a valid email and password.
Post-Condition(s)	1. Display announcement After the users press the “Save” button, the system displays an announcement “Add food to menu successfully”.
Basic Flows	<ol style="list-style-type: none"> 1. The system displays a form with fields of information including name, price, description, category, and image. 2. Merchant enters all fields and uploads the item’s image. 3. Merchant pressed the “Save” button. 4. The system saves the item into the merchant’s menu.
Alternative Flows	1. Not filling all necessary information At step 2 in the basic flow, if the merchant does not fill out all fields of the form, the system does not allow the merchant to save the item.

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2.3 Add To Cart

Use Case Name	Add To Cart
Brief Description	This function runs when buyers want to add food to their shopping cart.
Actor(s)	Buyers
Pre-Condition(s)	1. Log in To use the website's services, users must already log in.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system pops up a form for buyers to view their cart. 2. Buyers enter their notes and food quantity into the system's form and press the 'done' button 3. The system adds food to the buyer's cart
Alternative Flows	None

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2.4 Check Out

Use Case Name	Check Out
Brief Description	This use case allows the customer (buyer) to pay the orders. The default state of payment is COD (using Cash) to pay the order.
Actor(s)	Buyers
Pre-Condition(s)	<ol style="list-style-type: none"> Log in The customers must be logged onto the system in order for this use case to begin. Already having food in the cart To check out the order, customers must choose food in the cart beforehand. If the cart is empty, this use case is not available.
Post-Condition(s)	<ol style="list-style-type: none"> Display announcement After confirming an order, the system pops up an announcement “Order confirmed”.
Basic Flows	<ol style="list-style-type: none"> The system will show the order with the buyer’s information, ship COD, price, and quantity of each food. The customers confirm order payment by pressing the order payment confirmation button below.
Alternative Flows	<ol style="list-style-type: none"> Don't want to buy anymore In the Basic Flow, in step 1, if the customers do not want to accept orders anymore, they can go back to the Food list screen and take other actions.

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2.5 Classify Food Into Group

Use Case Name	Classify Food Into Group
Brief Description	This feature is for admin to classify food.
Actor(s)	Admin
Pre-Condition(s)	1. Sign in To classify food into groups, the admin must sign in to the system with a valid email and password.
Post-Condition(s)	None
Basic Flows	1. The system retrieves the category data. 2. The system displays a list of available categories.
Alternative Flows	None

2.6 Delete Category

Use Case Name	Delete A Category
Brief Description	This feature is for the admin to delete a category.
Actor(s)	Admin
Pre-Condition(s)	1. Sign in To delete any category, the admin must sign in to the system with a valid email and password.
Post-Condition(s)	1. Display announcement After the users press the “Delete” button, the system displays an announcement “Delete category successfully”.
Basic Flows	1. The system pops up an announcement for the admin to confirm to delete a category. 2. The admin clicks the “Delete” button to delete the category.
Alternative Flows	1. Cancel delete action At step 2 in the basic flow, the admin can choose the ‘cancel’ button to keep the category.

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2.7 Delete Food From Menu

Use Case Name	Delete Food From Menu
Brief Description	This feature is for merchants to delete food from their menu.
Actor(s)	Merchants
Pre-Condition(s)	1. Sign in To delete any food on the menu, merchants must sign in to the system with a valid email and password.
Post-Condition(s)	1. Display announcement After the users press the “Delete” button, the system displays an announcement “Delete food from the menu successfully”.
Basic Flows	1. The system pops up an announcement for merchants to confirm to delete food. 2. Merchants click the “Delete” button to delete food.
Alternative Flows	1. Cancel delete action At step 2 in the basic flow, merchants can choose the ‘cancel’ button to keep the food.

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2.8 Search Food

Use Case Name	Search Food
Brief Description	This use case allows buyers to find food and drink based on the name of the food or the name of the shop.
Actor(s)	Buyers
Pre-Condition(s)	1. Log in The customers must be logged onto the system in order for this use case to begin
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system gives the customer a search bar to enter the name of food, drink, or the name of the shop that they want to find. 2. After finishing giving information, the customer performs a search action. 3. The system searches for restaurants that have that food or have the same name as the restaurant name that the user entered or restaurants with similar elements. 4. The system returns a list of acceptable restaurants
Alternative Flows	1. No result found for searching In the Basic Flow, in step 4, if the system does not find any result that fits with the input of the buyers (food/shop name), the system will display a message to buyers: “No result found”.

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2.9 Sign In

Use Case Name	Sign In
Brief Description	This function runs when users (buyers, merchants, admins) want to log into the system and start using the service.
Actor(s)	Buyers, Merchants, Admins
Pre-Condition(s)	1. Sign Up The users have to already sign up for an account
Post-Condition(s)	1. Display announcement After the users press the “Sign in” button, the system displays an announcement “Sign in successfully”.
Basic Flows	1. The system asks users to enter their email address and password 2. Users input on requests 3. Users press the ‘Sign in’ button 4. The system checks the validity of users 5. The system allows users to access the system
Alternative Flows	1. Invalid user In step 4, there are 2 alternative flows: <ol style="list-style-type: none"> 1. Incorrect password 2. Incorrect email address

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2.10 Sign Up

Use Case Name	Sign Up
Brief Description	This function runs when users (buyers, merchants) want to create an account
Actor(s)	Buyers, Merchants
Pre-Condition(s)	1. Users own an email Users should own an email to log into the website's services.
Post-Condition(s)	1. Display announcement After the users press the "Sign up" button, the system displays an announcement "Sign up successfully".
Basic Flows	1. The system asks users to enter their email address, password, and personal information 2. Users input on requests 3. Users press the 'Sign up' button 4. The system checks the validity of users 5. The system creates an account for users
Alternative Flows	1. Invalid user In step 4, there is an alternative flow: Invalid email address

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2.11 Update Food Details In Menu

Use Case Name	Update Food Details In Menu
Brief Description	This feature is for merchants to update food information in their menu.
Actor(s)	Merchants
Pre-Condition(s)	1. Sign in To update any food on the menu, merchants must sign in to the system with a valid email and password.
Post-Condition(s)	1. Display announcement After the users press the “Save” button, the system displays an announcement “Update food details successfully”.
Basic Flows	<ol style="list-style-type: none"> 1. The system displays a form with fields of current information about that food including name, price, description, category, and image. 2. Merchant modifies/re-enters fields they want. 3. Merchant pressed the “Save” button. 4. The system saves the new information about that food into the merchant’s menu.
Alternative Flows	1. Fields are not fully filled out At step 2 in the basic flow, if the merchant deletes the existing content of any field in the form or deletes the existing image, means that if any field is empty, the system does not allow the merchant to update an item.

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2.12 Update Food Status In Menu

Use Case Name	Update Food Status In Menu
Brief Description	This feature is for merchants to update food's status in their menu.
Actor(s)	Merchants
Pre-Condition(s)	1. Sign in To update the status of food on the menu, merchants must sign in to the system with a valid email and password.
Post-Condition(s)	None
Basic Flows	1. The merchant clicks on the checkbox of the food that they want to update to change its status which is available or sold-out. 2. The system updates the food's status.
Alternative Flows	None

2.13 Update Orders' Status

Use Case Name	Update Orders' Status
Brief Description	This use case allows the merchants to update the status of every current order received. An order has three types: preparing, delivering, and delivered.
Actor(s)	Merchants
Pre-Condition(s)	1. Log in The customers must be logged onto the system in order for this use case to begin.
Post-Condition(s)	None
Basic Flows	1. The system shows three options of order status for merchants to choose from. 2. The merchant clicks one status of the order depending on the actual status.
Alternative Flows	None

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2.14 Update Quantity

Use Case Name	Update quantity
Brief Description	This function runs when buyers want to change the food's quantities in their cart.
Actor(s)	Buyers
Pre-Condition(s)	1. Log in To use the website's services, users must already log in to the website.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system pops up a form for buyers to view their cart. 2. Buyers click the '+' icon or '-' icon to increase or decrease the quantity of food. 3. Press the "Update" button to save. 4. The system changes the quantity of food in the buyer's cart.
Alternative Flows	None

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2.15 View Cart

Use Case Name	View Cart
Brief Description	This function runs when buyers want to view their shopping cart.
Actor(s)	Buyers
Pre-Condition(s)	1. Log in To use the website's services, users must already have logged in.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system gets the buyer's shopping cart data. 2. The system displays a form including the price, name, and quantity of each food. 3. Users press 'X' to close the form.
Alternative Flows	1. The shopping cart is empty In step 1, there is an alternative flow: The buyer's cart is empty. Buyers view nothing in their shopping cart.

2.16 View Categories

Use Case Name	View Categories
Brief Description	Buyers can view all the categories existing in the data system.
Actor(s)	Buyers
Pre-Condition(s)	1. Log in To use the website's services, users must have already logged into the website.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system gets all data about categories 2. The system displays all the existing categories
Alternative Flows	1. No category If there is no data about any category, buyers cannot view any category.

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2.17 View Customer Information

Use Case Name	View Customer Information
Brief Description	This feature is for the admin to view their customers' information.
Actor(s)	Admin
Pre-Condition(s)	1. Sign in To view the customers' information, an admin must sign in to the system with a valid email and password.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system retrieves a list of customers with their information including name and email address. 2. The system displays the list on the screen.
Alternative Flows	1. No customer data If there is no data about customers, the screen shows nothing.

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2.18 View Food Details

Use Case Name	View Food Details
Brief Description	Allows the buyers to view the menu of the shops. When the buyers choose a shop for reference, the system will show the menu of that shop for the buyers with information such as name, image, and price.
Actor(s)	Buyers
Pre-Condition(s)	<ol style="list-style-type: none"> Log in The buyers must be logged onto the system in order for this use case to begin. Exists shops Before choosing any shops, the buyers must give the system a valid name of the food or shop's name to display a list of shops.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> The buyer chooses a shop to find food or order food. The system will display all of the food in the shop's menu with basic information such as name, price, image, status, and category of the food for buyers to be able to add to the cart.
Alternative Flows	<ol style="list-style-type: none"> No food on the menu If there is no food on the menu of the shop (a new shop), buyers cannot view or choose food from the cart.

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2.19 View Menu

Use Case Name	View Menu
Brief Description	This feature is for merchants to manage their menu.
Actor(s)	Merchants
Pre-Condition(s)	1. Sign in To view the menu, merchants must sign in to the system with a valid email and password.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system retrieves a list of foods and drinks from the corresponding merchant. 2. The system displays details of each food including name, category, brief description, price, and image.
Alternative Flows	1. No food or drink in the menu If at step 1 in the basic flow, the system cannot get any food or drink in the menu of that merchant, the system will display a screen with the text “Your menu is empty”.

2.20 View Merchant Information

Use Case Name	View Merchant Information
Brief Description	This feature is for admins to view their merchants’ information.
Actor(s)	Admins
Pre-Condition(s)	1. Sign in To view the merchants’ information, the admin must sign in to the system with a valid email and password.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> 1. The system retrieves a list of merchants with their information including name and email address. 2. The system displays the list on the screen.
Alternative Flows	1. No merchant data If there is no data about merchants, the screen shows nothing.

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2.21 View Orders' Status

Use Case Name	View Orders' Status
Brief Description	This use case allows the buyers to view the status of the order that they have ordered. Each order has 3 types of statuses including preparing, delivering, and delivered.
Actor(s)	Buyers
Pre-Condition(s)	<ol style="list-style-type: none"> Log in The buyers must log into the system in order for this use case to begin. Exists Order There must be at least one order in the cart for the user to see the status of that order.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> The system retrieves order data that the buyer has ordered. The system shows all information about that order such as customer information, shop's name, food, etc.
Alternative Flows	<ol style="list-style-type: none"> The cart is empty If there are no orders which have been made, the system will show the buyer an empty screen.

2.22 View Orders

Use Case Name	View Orders
Brief Description	This use case allows the merchants to check the orders sent to their shop.
Actor(s)	Merchants
Pre-Condition(s)	<ol style="list-style-type: none"> Log in The merchants must log into the system in order for this use case to begin.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> The system searches the database to get data on the orders of that shop. The system displays all the orders of that shop and the merchant is able to update the status or just only view.
Alternative Flows	<ol style="list-style-type: none"> No order exists In step 2, if the system does not find any data about the orders, the system will display an empty list of orders.

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2.23 View Shop List

Use Case Name	View Shop List
Brief Description	This use case will display the list of shops that fit the demand of the customers.
Actor(s)	Buyers
Pre-Condition(s)	<ol style="list-style-type: none"> Log in The customers must log into the system in order for this use case to begin. Already searching The buyers must have already searched to have the data to see.
Post-Condition(s)	None
Basic Flows	<ol style="list-style-type: none"> After searching, the system receives the input of the customers. The system searches in the database which fits the demand. The system displays a list of shops on the customer screen.
Alternative Flows	<ol style="list-style-type: none"> No result found for searching In the Basic Flow, in step 2, if the system does not find any result that fits with the input of the customer, the system will display an empty screen.