Group 07

Honie Cosmetics
Use-Case Specification

Version 1.0

Revision History

Date	Version	Description	Author
25/11/2022	1.0	Design use-case specification	Team Leader

Table of Contents

1.   Use-case Model

Shopping online system

2.   Use-case Specifications

2.1   Use-case: Sign up

Use case Name	Sign up
Brief description	This use case describes how user register account.
Actors	Customer
Basic Flow	1. At the homepage, the user click on 'sign up' button 2. The user will be taken to the registration page. 3. Users have 2 ways to register an account. **# Register via google or face account** 1. Users can register via google account, facebook,… 2. If the user chooses to register via google or face account, no authentication step is required. 3. Users back to the user Home page. **# Register via form**

	1. Users can register via form, verify the register account by phone number or captcha. 2. Users click 'Submit' button. 3. If information users are true, send notification of success to phone number, mail google,.. and alert notification. 4. Users back to the user Home page.
Alternative Flows	**# Register via form** **Alternative flow 1: User enter the incorrect password, information structure or enter user name, phone number already exists** 1. From #4 of the basic flow, Invalid entries will result in an error notice for the user, user enters another password, user, information, phone number again 2. Continue step #5 **Alternative flow 2: User press "submit" button, but have not filled in the blanks or completed the information** 1. From #4 of the basic flow, the user will get an error message, and the user has to fill it again. 2. Continue step #5 **#Register via google or face account** **Alternative flow 1: The account already exists and registered before.** 1. The user will back to home page with registered account before
Pre-conditions	User goes to homepage
Post-conditions	The user successfully registered an account.

2.2 Use-case: Login

Use case Name	Login
Brief description	This use case describes the user login to account.
Actors	Customer, owner
Basic Flow	1. At the homepage, the user clicks on the 'login' button. 2. Users can access the login form. 3. Users have to fill in their username and password. 4. Users press "Log In" button. 5. Users will get a success notification and back to their home page
Alternative Flows	**Alternative flow 1: User fills incorrect username or password or does not exist account** 1. From #3 of the basic flow, the user will get an error, the user has to fill it again. 2. Continue step #4 in the basic flow. **Alternative flow 2: Users forget their password**

	1. From #2 of the basic flow, the user has the option to "forget the password?" on the login form. If the account already exists and the authentication verification was successful, the user will be directed to a new form to enter a new password. 2. Continue step #3 in the basic flow.
Pre-conditions	Having a previous account
Post-conditions	The user successfully login

2.3   Use-case: Search product

Use case Name	Search product
Brief description	This use case describes Customers are free to search for products as they want(Information, price, show pictures)
Actors	Customer
Basic Flow	1. In the search bar, the user will enter key name of product that they want 2. The system displays a search page containing the product discovered or comparable products.
Alternative Flows	**Alternative flow 1: The product does not exists** 1. From #2 of the basic flow, the user will be directed to the search page, but which does not display and a notification showing that the product doesn't exist is present.
Pre-conditions	User enters their product into search bar
Post-conditions	The user can find their product which they want

2.4   Use-case: View history order

Use case Name	View history order
Brief description	This use case describes how customers can access the previous product order by reviewing the history they ordered
Actors	Customer
Basic Flow	1. The user press "History order" button to be directed history order page 2. The history page lists all the products order that the user has previously ordered
Alternative Flows	**Alternative flow 1: The user has never bought anything** 1. From #2: The history page is blank page and a notification showing that "No order"
Pre-conditions	which products need to be ordered by user
Post-conditions	The user can view list all previously product orders

2.5   Use-case: Review product

Use case Name	Review product
Brief description	Display information about others' customers or their reviews (Write reviews and rating)
Actors	Customer
Basic Flow	1. The customer searches for products that want to read review 2. Read reviews.
Alternative Flows	None
Pre-conditions	Access the product that the customer wants to read evaluate
Post-conditions	Users can read evaluate

2.6   Use-case: Screen mode

Use case Name	Screen mode
Brief description	This use case describes how user register account
Actors	user, owner
Basic Flow	**Light mode** 1. Click the "Light mode" button. 2. The system displays a light theme background. **Dark mode** 1. Click the "Dark mode" button 2. The system displays a dark theme background.
Alternative Flows	None
Pre-conditions	User at the web page
Post-conditions	Successfully changing is light/dark background

2.7   Use-case: Add a product to cart

Use case Name	Add a product to cart.
Brief description	Save product which customer chose to buy
Actors	Customer
Basic Flow	1. At the homepage, the user enters keywords on the 'Search' field 2. Users clicks on 'Search' button to start searching a product 3. System displays the products found 4. User clicks 'Add to cart' button on the expected product 5. System adds a new product to shopping cart

	6. System displays the quantity of all products in the cart to the user

Alternative Flows	**Alternative flow 1: User cannot find products searched**
	   1. From #1 of the basic flow, user enters another term
	   2. Continue step #2 in the basic flow
	Alternative flow 2: Shopping cart has already had the product
	   1. From #5 of the basic flow, system increases the quantity of the product
	   2. Continue step #6

Pre-conditions	User goes to homepage
Post-conditions	The user successfully adds a new item to the cart or increases the quantity of the existing item in the cart.

2.8   Use-case: Remove a product from cart

Use case Name	Language display
Brief description	Allow customers to change their language display.
Actors	Customer
Basic Flow	1. User selects "language" button. 2. The system displays the list of languages. 3. User chooses language. 4. The system changes language.

Alternative Flows	**Alternative flow 1: Customers want to remove a lot of products at the same time.**
	   1. From #2 of the basic flow, user click on "Select many product"
	   2. User choose all products that the customers want to remove.Continue step #3 in the basic flow.
	   3. Continue step #3 in the basic flow

Pre-conditions	User goes to homepage at www.honiecosmetic.com.vn
Post-conditions	The user successfully removes the products from the cart or decreases the quantity of the existing item in the cart.

2.9 Use-case: Language display

Use case Name	Remove a product to cart.
Brief description	Remove products which customers chose not to buy.
Actors	Customer
Basic Flow	1. Customer selects the "language" button. 2. The system displays the list of languages. 3. Customer chooses language. 4. The system changes language.
Alternative Flows	**Alternative flow 1: No language the user wants.** 1. The system asks customers to select another language. 2. The customer selects another language
Pre-conditions	Only after successful login can this function be used
Post-conditions	Language is changed

2.10 Use-case: Contact Us

Use case Name	Contact Us
Brief description	This use case describes how the customer contact with the owner
Actors	Customer and owner
Basic Flow	1. User click "Contact us" button in menu 2. The system display contact page 3. User makes contact with the store by message. 4. The system displays answers from the store.
Alternative Flows	**Alternative flow 1: Owner don't reply right away** 1. User can choose other contact method by click logo representing that method (Facebook, Zalo, Gmail, Phone number) 2. The system will navigate to the respective app 3. User makes contact with store
Pre-conditions	User logged with customer User goes to the chat screen.
Post-conditions	The user successfully contact with store.

2.11   Use-case: Checkout order

Use case Name	Checkout order
Brief description	This use case describes how users complete their information order such as: Name, Delivery Address, Phone Number, promo code, Payment method.
Actors	Customer
Basic Flow	1. The user presses the "Buy" button to be directed to the order form. 2. The user enters their information, delivery address, phone number, payment method. 3. The user presses the "Finish" button to confirm the order and take out the payment using the previously chosen method. 4. For payment online, the system navigates to the payment page. 5. For cash on delivery, the system displays successful orders.
Alternative Flows	**Alternative flow 1: Users enter the incorrect information structure or miss information, payment method.** 1. From #2 of the basic flow, the user will get an error and the user has to re-fill in missing information, incorrect information. 2. Continue #3
Pre-conditions	The products added to cart
Post-conditions	The user successfully ordered.

2.12   Use-case: Payment

Use case Name	Payment
Brief description	This use case describes how the customer can pay an order invoice.
Actors	Customer
Basic Flow	1. After, click Order at Checkout Order page. 2. System displays the Payment page. 3. User pay bills according to the selected method. 4. Receive successful payment notification.
Alternative Flows	**Alternative flow 1: Not enough money to pay** 1. System display notice "Payment failed" 2. System return checkout page 3. Users can choose other methods or pay later.
Pre-conditions	User logged with customer User goes to the homepage at the checkout page and chooses the payment. online method.
Post-conditions	The user completes order payment.

2.13   Use-case: Manage Product

2.13.1   Add new product

Use case Name	Manage Product (Add product)
Brief description	This use case describes how the owner can add a new product.
Actors	Owner
Basic Flow	1. At the homepage, the owner clicks the "Manage Product" button on the navbar. 2. System display Product Management page. 3. Users click the "Add new" button. 4. System display screen corresponding to each method. 5. Users fulfill product information. 6. Finally, click the "Save" button.
Alternative Flows	**Alternative flow 1: Product information was filled invalid** 1. From #5 of the basic flow, user re-fill product information that was invalid. 2. Continue, step#6. **Alternative flow 2: Product information was filled existed** 1. From #5 of the basic flow, user re-fill product information that existed. 2. Continue, step#6
Pre-conditions	User logged with admin. User goes to Add a new product page.
Post-conditions	The user successfully adds new product to the database.

2.13.2   Remove product

Use case Name	Manage Product (Remove product)
Brief description	This use case describes how the owner can remove the product.
Actors	Owner
Basic Flow	1. At the homepage, the owner clicks the "Manage Product" button on the navbar. 2. System display Product Management page. 3. User choose product that want to remove by tick into checkbox 4. Users click the "Delete selected" button. 5. System display alert screen. 6. Users click the "Yes" button in alert screen.
Alternative Flows	**Alternative flow 1: User has not selected product yet**

	1. From #6 of the basic flow, after clicking the "Yes" button in the alert screen, the system displays another altar screen with the information "Please select at least one record". 2. Users click the "Yes" button in this alert screen. 3. Continue step #3 of the basic flow.
Pre-conditions	User logged with admin. User goes to manage the product page.
Post-conditions	The user successfully removes the product to the database.

2.13.3 Edit product

Use case Name	Manage Product (Edit product)
Brief description	This use case describes how the owner can edit a product.
Actors	Owner
Basic Flow	1. At the homepage, the owner clicks the "Manage Product" button on the navbar. 2. System display Product Management page. 3. Users click the "Edit" button on products that they want to edit. 4. System display Product information page of chosen product. 5. Users fill in pieces of information they want to edit. 6. Finally, click "Save" button
Alternative Flows	**Alternative flow 1: Product information was filled invalid** 1. From #5 of the basic flow, user re-fill product information that was invalid. 2. Continue, step#6. **Alternative flow 2: Product information was filled existed** 1. From #11 of the basic flow, user re-fill product information that was existed. 2. Continue, step#12.
Pre-conditions	User logged with admin. User goes to the Edit product page.
Post-conditions	The user successfully edits information about the product to the database.

2.14 Use-case: Magage Customer'Account

Use case Name	Manage Customer Account.
Brief description	Manage customers who are working on the website
Actors	Web owner, user.
Basic Flow	1. Look for customer id whose negative behavior affects the store 2. Click on the account to choose the level of disabling 3. Click to deactivate the account according to the selected level 4. Delete account-related data from the database.
Alternative Flows	**Alternative flow 1: disable account immediately** 1. From Step#1: If a customer has a behavior that greatly affects the store and needs to be disabled immediately upon discovery, they can click on the account they are seeing and disable it.
Pre-conditions	Customers have negative behavior affecting the store
Post-conditions	Found the account to be deactivated

2.15 Use-case: Post information

Use case Name	Post information
Brief description	Additional information about the store.
Actors	Admin, Owner
Basic Flow	1. Click button "+" 2. Fill your information in text box (Day to post, Title, content) 3. Click Post to upload your information on website.
Alternative Flows	None
Pre-conditions	Login with admin or owner account.
Post-conditions	The user clicks on the button.

2.16 Use-case: Manage order

Use case Name	Manage order
Brief description	Bill when customers buying products
Actors	Customers
Basic Flow	1. When the customer completes the payment. 2. Invoices will be issued with product information and related information for customers
Alternative Flows	Bill can be sent by mail.
Pre-conditions	Customers must be done payment.

Post-conditions	Retrieve purchased invoices.

2.17 Use-case: Notify

Use case Name	Notify
Brief description	Notify customers of necessary messages
Actors	Admin,web owner
Basic Flow	1. When registering for an account, the customer will provide an email or phone number 2. The website owner will send notifications via mail or phone number to customers when there is an offer, order, information provision, etc. 3. Customers who receive the notice can access the website and view the detailed notice at the web
Alternative Flows	**Alternative flow 1: the user can't see the message** 1. Users can view directly from the website without going through mail
Pre-conditions	User goes to homepage
Post-conditions	The user clicks on the displayed message

2.18 Use-case: Statistic

Use case Name	Statistic
Brief description	Website revenue statistics by day, month, year.
Actors	web owner
Basic Flow	1. Only website owners can view statistics 2. Go to the homepage and select the summary by day to see the revenue of that day 3. You can choose by date you want to see the revenue 4. If you want to see monthly or yearly sales, change the item you want to see to month or year
Alternative Flows	None
Pre-conditions	User goes to homepage.
Post-conditions	Select all items