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**Group 07**

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**Honie Cosmetics  
Use-Case Specification**

**Version 1.0**

Honie Cosmetics	Version: 1.0
Use-Case Specification	Date: 25/11/2022

## Revision History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
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## 1. Use-case Model



## 2. Use-case Specifications

### 2.1 Use-case: Sign up

<b>Use case Name</b>	Sign up
<b>Brief description</b>	This use case describes how user register account.
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the user click on 'sign up' button</li> <li>2. The user will be taken to the registration page.</li> <li>3. Users have 2 ways to register an account.</li> </ol> <p><b># Register via google or face account</b></p> <ol style="list-style-type: none"> <li>1. Users can register via google account, facebook,...</li> <li>2. If the user chooses to register via google or face account, no authentication step is required.</li> <li>3. Users back to the user Home page.</li> </ol> <p><b># Register via form</b></p>

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	<ol style="list-style-type: none"> <li>1. Users can register via form, verify the register account by phone number or captcha.</li> <li>2. Users click 'Submit' button.</li> <li>3. If information users are true, send notification of success to phone number, mail google,.. and alert notification.</li> <li>4. Users back to the user Home page.</li> </ol>
<b>Alternative Flows</b>	<p><b># Register via form</b></p> <p><b>Alternative flow 1: User enter the incorrect password, information structure or enter user name, phone number already exists</b></p> <ol style="list-style-type: none"> <li>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</li> <li>2. Continue step #5</li> </ol> <p><b>Alternative flow 2: User press "submit" button, but have not filled in the blanks or completed the information</b></p> <ol style="list-style-type: none"> <li>1. From #4 of the basic flow, the user will get an error message, and the user has to fill it again.</li> <li>2. Continue step #5</li> </ol> <p><b>#Register via google or face account</b></p> <p><b>Alternative flow 1: The account already exists and registered before.</b></p> <ol style="list-style-type: none"> <li>1. The user will back to home page with registered account before</li> </ol>
<b>Pre-conditions</b>	User goes to homepage
<b>Post-conditions</b>	The user successfully registered an account.

## 2.2 Use-case: Login

<b>Use case Name</b>	Login
<b>Brief description</b>	This use case describes the user login to account.
<b>Actors</b>	Customer, owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the user clicks on the 'login' button.</li> <li>2. Users can access the login form.</li> <li>3. Users have to fill in their username and password.</li> <li>4. Users press "Log In" button.</li> <li>5. Users will get a success notification and back to their home page</li> </ol>
<b>Alternative Flows</b>	<p><b>Alternative flow 1: User fills incorrect username or password or does not exist account</b></p> <ol style="list-style-type: none"> <li>1. From #3 of the basic flow, the user will get an error, the user has to fill it again.</li> <li>2. Continue step #4 in the basic flow.</li> </ol> <p><b>Alternative flow 2: Users forget their password</b></p>

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	<ol style="list-style-type: none"> <li>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.</li> <li>Continue step #3 in the basic flow.</li> </ol>
<b>Pre-conditions</b>	Having a previous account
<b>Post-conditions</b>	The user successfully login

### 2.3 Use-case: Search product

<b>Use case Name</b>	Search product
<b>Brief description</b>	This use case describes Customers are free to search for products as they want(Information, price, show pictures)
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>In the search bar, the user will enter key name of product that they want</li> <li>The system displays a search page containing the product discovered or comparable products.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: The product does not exists</b> <ol style="list-style-type: none"> <li>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.</li> </ol>
<b>Pre-conditions</b>	User enters their product into search bar
<b>Post-conditions</b>	The user can find their product which they want

### 2.4 Use-case: View history order

<b>Use case Name</b>	View history order
<b>Brief description</b>	This use case describes how customers can access the previous product order by reviewing the history they ordered
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>The user press "History order" button to be directed history order page</li> <li>The history page lists all the products order that the user has previously ordered</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: The user has never bought anything</b> <ol style="list-style-type: none"> <li>From #2: The history page is blank page and a notification showing that "No order"</li> </ol>
<b>Pre-conditions</b>	which products need to be ordered by user
<b>Post-conditions</b>	The user can view list all previously product orders

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## 2.5 Use-case: Review product

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

## 2.6 Use-case: Screen mode

<b>Use case Name</b>	Screen mode
<b>Brief description</b>	This use case describes how user register account
<b>Actors</b>	user, owner
<b>Basic Flow</b>	<p><b>Light mode</b></p> <ol style="list-style-type: none"> <li>1. Click the "Light mode" button.</li> <li>2. The system displays a light theme background.</li> </ol> <p><b>Dark mode</b></p> <ol style="list-style-type: none"> <li>1. Click the "Dark mode" button</li> <li>2. The system displays a dark theme background.</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	User at the web page
<b>Post-conditions</b>	Successfully changing is light/dark background

## 2.7 Use-case: Add a product to cart

<b>Use case Name</b>	Add a product to cart.
<b>Brief description</b>	Save product which customer chose to buy
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the user enters keywords on the 'Search' field</li> <li>2. Users clicks on 'Search' button to start searching a product</li> <li>3. System displays the products found</li> <li>4. User clicks 'Add to cart' button on the expected product</li> <li>5. System adds a new product to shopping cart</li> </ol>

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	6. System displays the quantity of all products in the cart to the user
<b>Alternative Flows</b>	<b>Alternative flow 1: User cannot find products searched</b> <ol style="list-style-type: none"> <li>From #1 of the basic flow, user enters another term</li> <li>Continue step #2 in the basic flow</li> </ol> <b>Alternative flow 2: Shopping cart has already had the product</b> <ol style="list-style-type: none"> <li>From #5 of the basic flow, system increases the quantity of the product</li> <li>Continue step #6</li> </ol>
<b>Pre-conditions</b>	User goes to homepage
<b>Post-conditions</b>	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

<b>Use case Name</b>	Language display
<b>Brief description</b>	Allow customers to change their language display.
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>User selects "language" button.</li> <li>The system displays the list of languages.</li> <li>User chooses language.</li> <li>The system changes language.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: Customers want to remove a lot of products at the same time.</b> <ol style="list-style-type: none"> <li>From #2 of the basic flow, user click on "Select many product"</li> <li>User choose all products that the customers want to remove. Continue step #3 in the basic flow.</li> <li>Continue step #3 in the basic flow</li> </ol>
<b>Pre-conditions</b>	User goes to homepage at <a href="http://www.honiecsmetic.com.vn">www.honiecsmetic.com.vn</a>
<b>Post-conditions</b>	The user successfully removes the products from the cart or decreases the quantity of the existing item in the cart.



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## 2.9 Use-case: Language display

<b>Use case Name</b>	Remove a product to cart.
<b>Brief description</b>	Remove products which customers chose not to buy.
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Customer selects the "language" button.</li> <li>2. The system displays the list of languages.</li> <li>3. Customer chooses language.</li> <li>4. The system changes language.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: No language the user wants.</b> <ol style="list-style-type: none"> <li>1. The system asks customers to select another language.</li> <li>2. The customer selects another language</li> </ol>
<b>Pre-conditions</b>	Only after successful login can this function be used
<b>Post-conditions</b>	Language is changed

## 2.10 Use-case: Contact Us

<b>Use case Name</b>	Contact Us
<b>Brief description</b>	This use case describes how the customer contact with the owner
<b>Actors</b>	Customer and owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. User click "Contact us" button in menu</li> <li>2. The system display contact page</li> <li>3. User makes contact with the store by message.</li> <li>4. The system displays answers from the store.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: Owner don't reply right away</b> <ol style="list-style-type: none"> <li>1. User can choose other contact method by click logo representing that method (Facebook, Zalo, Gmail, Phone number)</li> <li>2. The system will navigate to the respective app</li> <li>3. User makes contact with store</li> </ol>
<b>Pre-conditions</b>	User logged with customer User goes to the chat screen.
<b>Post-conditions</b>	The user successfully contact with store.

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## 2.11 Use-case: Checkout order

<b>Use case Name</b>	Checkout order
<b>Brief description</b>	This use case describes how users complete their information order such as: Name, Delivery Address, Phone Number, promo code, Payment method.
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. The user presses the “Buy” button to be directed to the order form.</li> <li>2. The user enters their information, delivery address, phone number, payment method.</li> <li>3. The user presses the “Finish” button to confirm the order and take out the payment using the previously chosen method.</li> <li>4. For payment online, the system navigates to the payment page.</li> <li>5. For cash on delivery, the system displays successful orders.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: Users enter the incorrect information structure or miss information, payment method.</b> <ol style="list-style-type: none"> <li>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.</li> <li>2. Continue #3</li> </ol>
<b>Pre-conditions</b>	The products added to cart
<b>Post-conditions</b>	The user successfully ordered.

## 2.12 Use-case: Payment

<b>Use case Name</b>	Payment
<b>Brief description</b>	This use case describes how the customer can pay an order invoice.
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. After, click Order at Checkout Order page.</li> <li>2. System displays the Payment page.</li> <li>3. User pay bills according to the selected method.</li> <li>4. Receive successful payment notification.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: Not enough money to pay</b> <ol style="list-style-type: none"> <li>1. System display notice “Payment failed”</li> <li>2. System return checkout page</li> <li>3. Users can choose other methods or pay later.</li> </ol>
<b>Pre-conditions</b>	User logged with customer User goes to the homepage at the checkout page and chooses the payment. online method.
<b>Post-conditions</b>	The user completes order payment.

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## 2.13 Use-case: Manage Product

### 2.13.1 Add new product

<b>Use case Name</b>	Manage Product (Add product)
<b>Brief description</b>	This use case describes how the owner can add a new product.
<b>Actors</b>	Owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the owner clicks the “Manage Product” button on the navbar.</li> <li>2. System display Product Management page.</li> <li>3. Users click the “Add new” button.</li> <li>4. System display screen corresponding to each method.</li> <li>5. Users fulfill product information.</li> <li>6. Finally, click the “Save” button.</li> </ol>
<b>Alternative Flows</b>	<p><b>Alternative flow 1: Product information was filled invalid</b></p> <ol style="list-style-type: none"> <li>1. From #5 of the basic flow, user re-fill product information that was invalid.</li> <li>2. Continue, step#6.</li> </ol> <p><b>Alternative flow 2: Product information was filled existed</b></p> <ol style="list-style-type: none"> <li>1. From #5 of the basic flow, user re-fill product information that existed.</li> <li>2. Continue, step#6</li> </ol>
<b>Pre-conditions</b>	User logged with admin. User goes to Add a new product page.
<b>Post-conditions</b>	The user successfully adds new product to the database.

### 2.13.2 Remove product

<b>Use case Name</b>	Manage Product (Remove product)
<b>Brief description</b>	This use case describes how the owner can remove the product.
<b>Actors</b>	Owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the owner clicks the “Manage Product” button on the navbar.</li> <li>2. System display Product Management page.</li> <li>3. User choose product that want to remove by tick into checkbox</li> <li>4. Users click the “Delete selected” button.</li> <li>5. System display alert screen.</li> <li>6. Users click the “Yes” button in alert screen.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: User has not selected product yet</b>

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	<ol style="list-style-type: none"> <li>From #6 of the basic flow, after clicking the “Yes” button in the alert screen, the system displays another alert screen with the information “Please select at least one record”.</li> <li>Users click the “Yes” button in this alert screen.</li> <li>Continue step #3 of the basic flow.</li> </ol>
<b>Pre-conditions</b>	User logged with admin. User goes to manage the product page.
<b>Post-conditions</b>	The user successfully removes the product to the database.

### 2.13.3 Edit product

<b>Use case Name</b>	Manage Product (Edit product)
<b>Brief description</b>	This use case describes how the owner can edit a product.
<b>Actors</b>	Owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>At the homepage, the owner clicks the “Manage Product” button on the navbar.</li> <li>System display Product Management page.</li> <li>Users click the “Edit” button on products that they want to edit.</li> <li>System display Product information page of chosen product.</li> <li>Users fill in pieces of information they want to edit.</li> <li>Finally, click “Save” button</li> </ol>
<b>Alternative Flows</b>	<p><b>Alternative flow 1: Product information was filled invalid</b></p> <ol style="list-style-type: none"> <li>From #5 of the basic flow, user re-fill product information that was invalid.</li> <li>Continue, step#6.</li> </ol> <p><b>Alternative flow 2: Product information was filled existed</b></p> <ol style="list-style-type: none"> <li>From #11 of the basic flow, user re-fill product information that was existed.</li> <li>Continue, step#12.</li> </ol>
<b>Pre-conditions</b>	User logged with admin. User goes to the Edit product page.
<b>Post-conditions</b>	The user successfully edits information about the product to the database.

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#### 2.14 Use-case: Magage Customer'Account

<b>Use case Name</b>	Manage Customer Account.
<b>Brief description</b>	Manage customers who are working on the website
<b>Actors</b>	Web owner, user.
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Look for customer id whose negative behavior affects the store</li> <li>2. Click on the account to choose the level of disabling</li> <li>3. Click to deactivate the account according to the selected level</li> <li>4. Delete account-related data from the database.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: disable account immediately</b> <ol style="list-style-type: none"> <li>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.</li> </ol>
<b>Pre-conditions</b>	Customers have negative behavior affecting the store
<b>Post-conditions</b>	Found the account to be deactivated

#### 2.15 Use-case: Post information

<b>Use case Name</b>	Post information
<b>Brief description</b>	Additional information about the store.
<b>Actors</b>	Admin, Owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Click button “+”</li> <li>2. Fill your information in text box (Day to post, Title, content)</li> <li>3. Click Post to upload your information on website.</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	Login with admin or owner account.
<b>Post-conditions</b>	The user clicks on the button.

#### 2.16 Use-case: Manage order

<b>Use case Name</b>	Manage order
<b>Brief description</b>	Bill when customers buying products
<b>Actors</b>	Customers
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. When the customer completes the payment.</li> <li>2. Invoices will be issued with product information and related information for customers</li> </ol>
<b>Alternative Flows</b>	Bill can be sent by mail.
<b>Pre-conditions</b>	Customers must be done payment.

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<b>Post-conditions</b>	Retrieve purchased invoices.
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## 2.17 Use-case: Notify

<b>Use case Name</b>	Notify
<b>Brief description</b>	Notify customers of necessary messages
<b>Actors</b>	Admin,web owner
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. When registering for an account, the customer will provide an email or phone number</li> <li>2. The website owner will send notifications via mail or phone number to customers when there is an offer, order, information provision, etc.</li> <li>3. Customers who receive the notice can access the website and view the detailed notice at the web</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: the user can't see the message</b> <ol style="list-style-type: none"> <li>1. Users can view directly from the website without going through mail</li> </ol>
<b>Pre-conditions</b>	User goes to homepage
<b>Post-conditions</b>	The user clicks on the displayed message

## 2.18 Use-case: Statistic

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