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**<Group 3>**

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**<SHOES PURCHASE>**  
**Use-Case Specification**

**Version <1.4>**

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Use-Case Specification	Date: <25/11/2022>
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## Revision History

Date	Version	Description	Author
<25/11/2022>	<1.0>	Add Use Case Specification: 2.7 to 2.15	<Nguyễn Minh Tuấn>
<25/11/2022>	<1.1>	Draw Use Case Model and Add Use Case Specification: 2.3 to 2.7	<Nguyễn Đức Minh>
<25/11/2022>	<1.2>	Add Use Case Specification: 2.1	<Phan Thành Lập>
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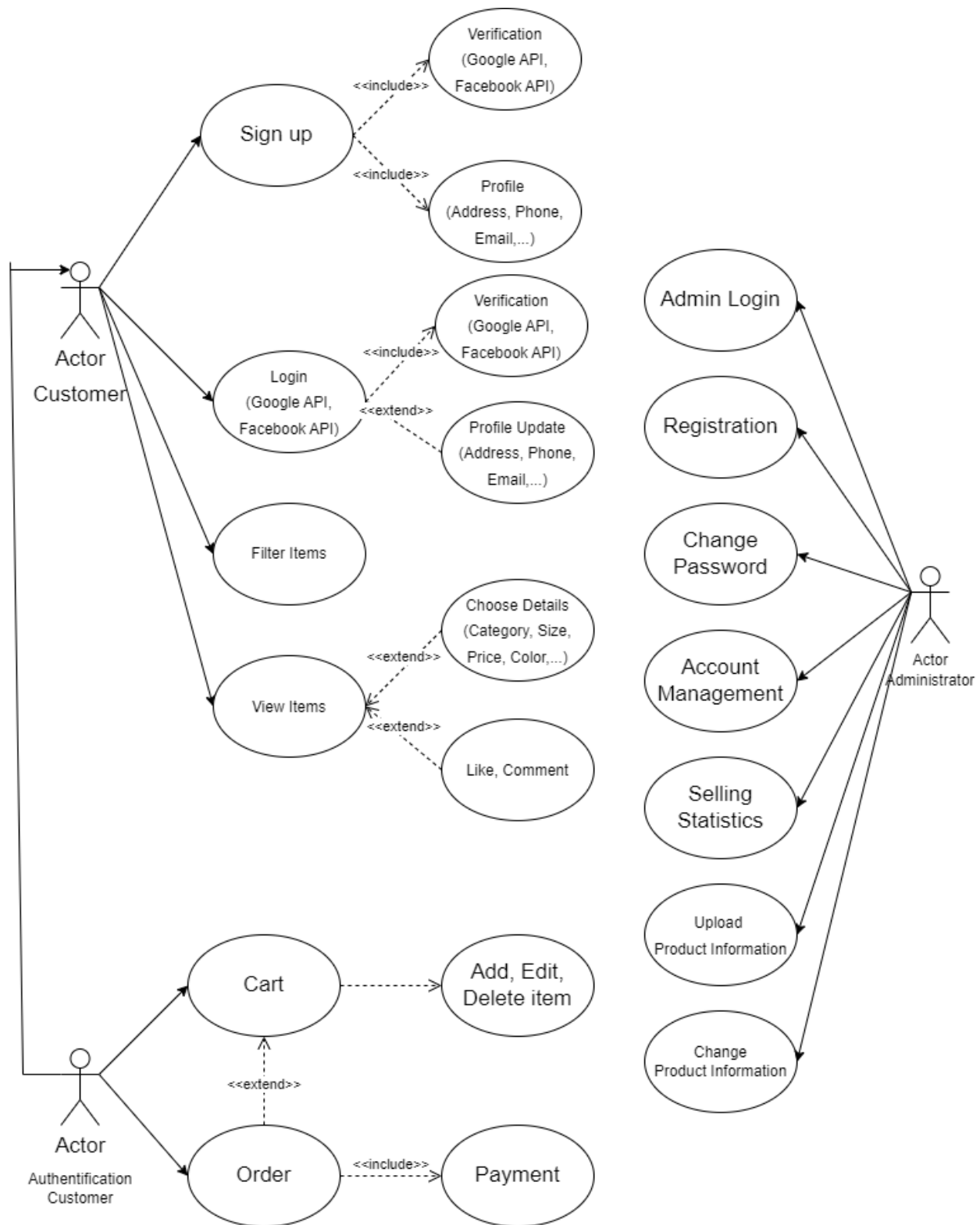
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## 1. Use-case Model:



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## 2. Use-case Specifications:

### 2.1 Use-case: Sign Up by API for customers:

<b>Use case Name</b>	Sign up
<b>Brief description</b>	This use case describes how the Customer can sign up an account
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At any page, when customers click into signup button or login button.</li> <li>2. A new page is shown, customers have 2 options to log into the system (login with Facebook or login with Google).</li> </ol>
<b>Alternative Flows</b>	<p><b>Alternative flow 1:</b></p> <p>When the customs selected the options and verified, the customer ‘s information will be stored in database and the system responds “success” to customers. In contrast, the system responds unsuccess message.</p> <p>After system responds, the customers can stop verification or continue verification.</p>
<b>Pre-conditions</b>	None
<b>Post-conditions</b>	The customer ‘s profile will be shown, and the customers can access the previous pages.

### 2.2 Use-case: Login by API for customers:

<b>Use case Name</b>	Login
<b>Brief description</b>	This use case describes how the Customer can login the account
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At any page, when customers click into login button or others button where demand accounts are verified.</li> <li>2. A new page is shown, customers have 2 options to log into the system (login with Facebook or login with Google).</li> <li>3. The system will check first whether the account exist in database or not.</li> <li>4. If the accounts do not exist in the database, the system will verify these accounts on Facebook or Google authentication. After that, the system stored it on system ‘s database.</li> </ol>

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<b>Alternative Flows</b>	<b>Alternative flow 1:</b> After fail responds, the customers can stop verification or continue verification.
<b>Pre-conditions</b>	Optional sign up in system or not
<b>Post-conditions</b>	The customer 's profile will be shown, and the customers can access the previous pages.

### 2.3 Use-case: Choose Details in View items:

<b>Use case Name</b>	Choose Details in View items
<b>Brief description</b>	This use case describes how the Customer can see all trending products through dashboard
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the customer can surf the page and see all top trending products.</li> <li>2. The customers can choose an item on header or they can use filter (category, size, price, color, ...) to search for an item they want to see.</li> <li>3. System displays all the result items that match the filter.</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	Access the website dashboard
<b>Post-conditions</b>	System displays item site

### 2.4 Use-case: Like, Comment:

<b>Use case Name</b>	Like, comment
<b>Brief description</b>	This use case describes how the Customer can like and comment an item
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the customer view item and click to that item first.</li> <li>2. The customer surf to like and comment box, and click the button like or leave the comment</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	The customer need to access item site first
<b>Post-conditions</b>	The comment and like will display on the site

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## 2.5 Use-case: Filter:

<b>Use case Name</b>	Filter
<b>Brief description</b>	This use case describes how the Customer can use the filter on the website
<b>Actors</b>	Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Access to the dashboard</li> <li>2. Click the filter and choose attributes of an item (brand, category, size, price, color)</li> <li>3. The system displays all the items that match the filter</li> </ol>
<b>Alternative Flows</b>	<b>Alternative Flows 1:</b> The filter cannot show the result because there is no item match the filter. <ol style="list-style-type: none"> <li>1. Return to step #2 of basic flow and use the filter again</li> </ol>
<b>Pre-conditions</b>	The customer need to access dashboard site first
<b>Post-conditions</b>	The system displays all the item results

## 2.6 Use-case: Cart (Add item):

<b>Use case Name</b>	Add item to cart
<b>Brief description</b>	This use case describes how the authentication customer can add items to cart
<b>Actors</b>	Authentication Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Access the dashboard</li> <li>2. Click to an item we want to view</li> <li>3. Choose the size, color.</li> <li>4. Click to button “Add to cart”</li> <li>5. The items are successfully added to the cart</li> </ol>
<b>Alternative Flows</b>	<b>Alternative Flows 1:</b> The detailed item is out of stock <ol style="list-style-type: none"> <li>1. Return to step #3</li> <li>2. Customer need to choose another size or color.</li> <li>3. Continue Step #4</li> </ol>
<b>Pre-conditions</b>	The customer need to access item site
<b>Post-conditions</b>	The items are successfully added to the cart

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## 2.7 Use-case: Cart (Edit item):

<b>Use case Name</b>	Edit item in cart
<b>Brief description</b>	This use case describes how the authentication customer can edit items in cart
<b>Actors</b>	Authentication Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Access the dashboard</li> <li>2. Access the cart site</li> <li>3. Click to the item that you want to edit</li> <li>4. The system will return to the site of that item</li> <li>5. Choose another size or color</li> <li>6. Click button “Add to cart”</li> <li>7. The system will go to cart size with the updated item.</li> </ol>
<b>Alternative Flows</b>	<b>Alternative Flows 1:</b> The last chosen item is out of stock <ol style="list-style-type: none"> <li>1. Return to step #5</li> <li>2. Customer need to choose another size or color.</li> <li>3. Continue Step #6</li> </ol>
<b>Pre-conditions</b>	The customer must have an item in cart first
<b>Post-conditions</b>	The new items are successfully updated in cart

## 2.8 Use-case: Cart (Remove item):

<b>Use case Name</b>	Remove item from cart
<b>Brief description</b>	This use case describes how the authentication customer can remove items from cart
<b>Actors</b>	Authentication Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Access to dashboard</li> <li>2. Access to cart site</li> <li>3. Remove the item</li> <li>4. The system update cart</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	The customer must have item in cart first
<b>Post-conditions</b>	The system updates the cart site



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## 2.9 Use-case: Payment:

<b>Use case Name</b>	payment
<b>Brief description</b>	This use case describes how the authentication customer can pay for an item
<b>Actors</b>	Authentication Customer
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. Access the dashboard</li> <li>2. Access the cart</li> <li>3. Click button “Order” next to the item you want to buy</li> <li>4. Payment site will display and ask you to fill the information form (Name, phone, Address, email)</li> <li>5. Click the button “Confirm” to confirm the price and payment method</li> <li>6. The system update and send the receipt to an admin</li> </ol>
<b>Alternative Flows</b>	<b>Alternative Flows 1:</b> The customer already fill the information profile <ol style="list-style-type: none"> <li>1. In the step #4, the form will be automatically filled.</li> </ol>
<b>Pre-conditions</b>	The customer must have item in cart
<b>Post-conditions</b>	The receipt will be sent to an admin

## 2.10 Use-case: Admin login:

<b>Use case Name</b>	Admin login
<b>Brief description</b>	Log in to admin account
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, select the “Login” tab to log in</li> <li>2. The system will display the login panel to login or switch to another page to login</li> <li>3. Enter account, password</li> <li>4. Press enter or click on the “Login” tab to continue logging in</li> </ol>
<b>Alternative Flows</b>	<b>Alternative flow 1: If the account or password is incorrect</b> <ol style="list-style-type: none"> <li>1. The system will notify "Invalid account or password, please re-enter"</li> <li>2. Continue to step #3</li> </ol>
<b>Pre-conditions</b>	User will return to homepage with no login account
<b>Post-conditions</b>	Go to admin account

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## 2.11 Use-case: Registration:

<b>Use case Name</b>	Registration
<b>Brief description</b>	This use case describes how the admin can create an account.
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the user clicks the “Sign up” button to get a create account form.</li> <li>2. A form popup and admin fill out all the necessary information for an account</li> <li>3. Admin click the continue button and system check for information of the account whether it is already in the database or not, if not, inform user that account creation is successful</li> <li>4. Admin is redirected to the admin page</li> </ol>
<b>Alternative Flows</b>	<p><b>Alternative flow 1: Account already existed</b></p> <ol style="list-style-type: none"> <li>1. From #2 of the basic flow, admin enters an account information that already existed</li> <li>2. Tell the admin that their username has been taken and they have to use another one</li> <li>3. Continue step #3</li> </ol> <p><b>Alternative flow 2: Password confirm is not the same as password</b></p> <ol style="list-style-type: none"> <li>1. From #2 of the basic flow, password and password confirm is not the same</li> <li>2. admin is asked to input the same password</li> <li>3. Continue step #3</li> </ol> <p><b>Alternative flow 3: Password does not meet the requirement</b></p> <ol style="list-style-type: none"> <li>1. admin have to use a password that its length is in a specific range, they are asked to input again if it is not qualified.</li> </ol>
<b>Pre-conditions</b>	admin goes to homepage of the store
<b>Post-conditions</b>	The admin successfully created an account.

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## 2.12 Use-case: Change Password:

<b>Use case Name</b>	change password
<b>Brief description</b>	This use case describes how the admin change password
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, admin click to account page.</li> <li>2. Click “Change password” button</li> <li>3. A form popup and require admin to fill old password, new password and confirm new password.</li> <li>4. Admin click button Continue.</li> <li>5. Admin is redirected to the admin page</li> </ol>
<b>Alternative Flows</b>	<p><b>Alternative flow 1: Password confirm is not the same as password</b></p> <ol style="list-style-type: none"> <li>4. From #3 of the basic flow, password and password confirm is not the same</li> <li>5. admin is asked to input the same password</li> <li>6. Continue step #4</li> </ol> <p><b>Alternative flow 2: New password does not meet the requirement</b></p> <ol style="list-style-type: none"> <li>1. admin have to use a password that its length is in a specific range, they are asked to input again if it is not qualified.</li> </ol>
<b>Pre-conditions</b>	admin goes to homepage of the store
<b>Post-conditions</b>	The admin successfully change password

## 2.13 Use-case: Account Management:

<b>Use case Name</b>	Account management
<b>Brief description</b>	This use case describes how the admin manage sensors, staffs
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the admin login first</li> <li>2. The system display admin account site</li> <li>3. Admin can view all the sensors’ information, position</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	admin goes to homepage of the store
<b>Post-conditions</b>	The admin can see all the stats of sensors

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## 2.14 Use-case: Selling Statistics:

<b>Use case Name</b>	Selling Statistics
<b>Brief description</b>	This use case describes how the admin manage selling statistics
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the admin login first</li> <li>2. The system display admin account site</li> <li>3. Admin click “Selling Statistics”</li> <li>4. The system displays total revenue and sold items daily, weekly, monthly</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	admin goes to homepage of the store
<b>Post-conditions</b>	The admin can see selling statistics

## 2.15 Use-case: Update Product Information:

<b>Use case Name</b>	Update Product Information
<b>Brief description</b>	This use case describes how the admin can update product information
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the admin login first</li> <li>2. The system display admin account site</li> <li>3. Admin click on “Management” button</li> <li>4. Popup “Management” site</li> <li>5. Upload product photos and select details of product (Name, Code, Price, Size, Category, Color, Quantity, ...)</li> <li>6. Click button “Save”</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	Admin goes to homepage of the store
<b>Post-conditions</b>	The uploaded items will be displayed on the site

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## 2.16 Use-case: Change Product Information:

<b>Use case Name</b>	Change Product Information
<b>Brief description</b>	This use case describes how the admin can change product information
<b>Actors</b>	Administrator
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. At the homepage, the admin login first</li> <li>2. The system display admin account site</li> <li>3. Admin click on “Management” button</li> <li>4. Popup “Management” site</li> <li>5. Choose the item that should be made change</li> <li>6. Choose product photos and select details of product (Name, Code, Price, Size, Category, Color, Quantity, ...) which should be changed</li> <li>7. Click button “Save”</li> </ol>
<b>Alternative Flows</b>	None
<b>Pre-conditions</b>	Admin goes to homepage of the store
<b>Post-conditions</b>	The uploaded items will be displayed on the site