STech eCommerce Web App

Use-Case Specification

Version 1.3

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 12/11/2023 | 1.0 | Register Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Login Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Categories Management Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Products Management Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Orders Management Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Economic Status Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Products Viewing Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Cart Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Ratings and Comments Use Case Specification | Đoàn Mạnh Tân |
| 13/11/2023 | 1.0 | Payment Processing Use Case Specification | Hồ Phúc |
| 12/11/2023 | 1.0 | Chat Use Case Specification | Đoàn Mạnh Tân |
| 12/11/2023 | 1.0 | Profile Use Case Specification | Đoàn Mạnh Tân |
| 3/12/2023 | 1.1 | Modify Use Case Diagram and use case View Product | Đoàn Mạnh Tân |
| 5/12/2023 | 1.1 | Convert Register Use Case Specification into table view | Hồ Phúc |
| 5/12/2023 | 1.1 | Convert Login Use Case Specification into table view | Hồ Phúc |
| 5/12/2023 | 1.1 | Convert Manage Categories Use Case Specification into table view | Hồ Phúc |
| 5/12/2023 | 1.1 | Convert Manage Products Use Case Specification into table view | Hồ Phúc |
| 6/12/2023 | 1.2 | Convert View Economic StatusUse Case Specification into table view | Bùi Kim Phúc |
| 6/12/2023 | 1.2 | Convert View Products ListUse Case Specification into table view | Bùi Kim Phúc |
| 6/12/2023 | 1.2 | Convert View Product DetailsUse Case Specification into table view | Bùi Kim Phúc |
| 6/12/2023 | 1.2 | Convert Use CartUse Case Specification into table view | Bùi Kim Phúc |
| 25/12/2023 | 1.3 | Modification at Economic Status use case | Đoàn Mạnh Tân |

Table of Contents

[1. Use Case Diagram 4](#_heading=h.48pi1tg)

[2. Register 4](#_heading=h.2nusc19)

[3. Login 6](#_heading=h.2jh5peh)

[4. Manage Categories 7](#_heading=h.49gfa85)

[5. Manage Products 8](#_heading=h.1ulbmlt)

[6. Manage Order 9](#_heading=h.3kkl7fh)

[7. View Economic Status 11](#_heading=h.15phjt5)

[8. View Products List 11](#_heading=h.3utoxif)

[9. View Product Details 13](#_heading=h.21od6so)

[10. Use Cart 14](#_heading=h.2sioyqq)

[11. Rate and Comment 16](#_heading=h.3jd0qos)

[12. Process Payment 17](#_heading=h.2pcmsun)

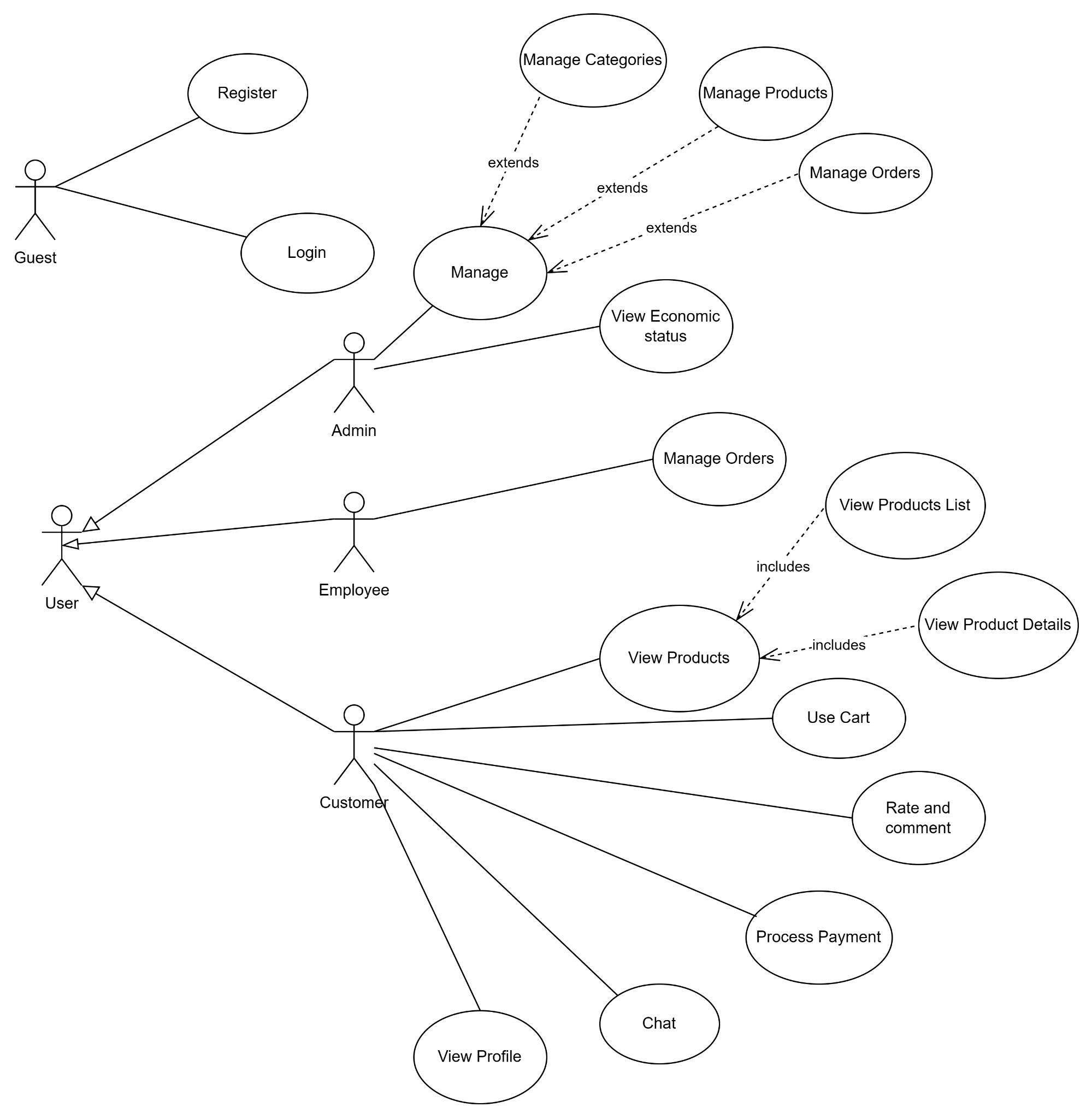
[13. Chat 18](#_heading=h.4fbwdob)

[14. View Profile 19](#_heading=h.11bux6d)

Use-Case Specification

# Use Case Diagram

\_ Diagram link: https://drive.google.com/file/d/1HqAPAB7xQSxiAfamE-AL9Vi4YVnHo50n/view?usp=sharing



# Register

| **Use Case ID** | UC01 |
| --- | --- |
| **Use Case Name** | Register |
| **Brief Description** | Register use case occur when a guest user wants to create an account while using the application for better support and experience. |
| **Basic Flow** | 1. Users may notice the user icon on the top right of their screen and click on it. This should redirect them to the Account login page and they should see the option “Register new account” below. 2. As a guest user, they may choose the option to create their new account. 3. At the Register Account page, user will be required to provide their information such as Full Name, Email, Username and Password then click the Register button to register account. 4. After providing their details, the system will verify the information 5. User get redirected to the home page. |
| **Alternative Flow** | 1. User provide inappropriate information  * At stage 3 of the basic flow, user may enter an email that is not in the correct format or a password that is too simple or their confirm password does not match their password. * In this case, warning message should be displayed right below the fields to indicate the user to provide the information properly.  1. User confirm password does not match their password  * Also at stage 3 of the basic flow, user may enter their confirm password which does not match their password. * In this case, a warning message will be displayed to indicate the user to re-enter their confirm password.  1. Some of the information fields are missed  * At stage 3 of the basic flow, user may forget to enter one or some of the required fields. * In this case, a warning message will be displayed to indicate the user to complete the missed fields.  1. User provide information that already exists  * At stage 3 of the basic flow, user may enter their full name or user name or email that is already used by another account. * In this case, when user click the Register button, a warning message should be displayed below the field to indicate user to change it. |
| **Special Requirements** | 1. Full name, username and email should be unique to other accounts  * Information like full name, username and email should not be already used by other accounts, otherwise user can not create their new account.  1. Email should be in a correct format  * User should provide their email in a correct format. |
| **Preconditions** |  |
| **Postconditions** | 1. If successful registering, user should be redirected to the home page. 2. If any exception occurs, user should be indicated to fulfill the requirements. |

# Login

| **Use Case ID** | UC02 |
| --- | --- |
| **Use Case Name** | Login |
| **Brief Description** | Login use case occurs when a user already created an account while using the application. They will choose to login with their username and password without providing further information. |
| **Basic Flow** | 1. Users may notice the user icon on the top right of their screen and click on it. This should redirect them to the Account login page. 2. Here, user will be required to provide their username and password. 3. After providing the two fields, user should click the Login button to login. 4. The system will verify their username and password. 5. After that, user get redirected to the home page. |
| **Alternative Flow** | 1. User provide inappropriate information  * At stage 4 of the basic flow, the username or password provided may not match any account after system verification. * In this case, system will display a warning message below the fields to indicate user to re-check their information and re-enter them.  1. Some of the fields are missed  * Also at stage 3 of the basic flow, user may click the Login button while some of the required fields have not been provided. * A warning message will be displayed to indicate user to complete the fields. |
| **Special Requirements** | 1. User already created an account  * User should have an account in advance to login to the application. The system will verify their username and password to check if it match any account. |
| **Preconditions** | 1. User already created an account  * User should have an account in advance to login to the application. The system will verify their username and password to check if it match any account. |
| **Postconditions** | 1. If successful login, user should be redirected to the home page. 2. If any exception occurs, user should be indicated by warning messages to fulfill the requirements. |

# Manage Categories

| **Use Case ID** | UC03 |
| --- | --- |
| **Use Case Name** | Manage Categories |
| **Brief Description** | Manage Categories use case occurs when the administrator want to view or modify the categories base on the available stock products. They may want to add more categories for newly arrived products or remove some of them for the out-of-stock ones. |
| **Basic Flow** | 1. The administrator will start from the home page (after logging in with the admin account). They should notice the dashboard icon on the top right of their screen and click on it. 2. Admin is redirected to the dashboard page which is accessible only for them. 3. On the side bar, admin will click on the Categories section. 4. The list of all categories will be displayed in a table format. Admin can view the categories here. 5. For each categories, admin can choose to edit or delete it with the tow buttons on the right of the table row. 6. Above the table is a bar that admin can perform searching by name. Admin can fill the textbox of Category Name and then click the Search button to search. 7. If admin wants to create new category, they can click on the Create Category button next to the Search button. 8. Admin get redirected to the Create Category page where they are required to fill out the form contains Category Name and its Description. 9. After filling the form, admin will click Save button to create the new category. 10. Admin will be redirected back to the Category section of the dashboard. |
| **Alternative Flow** | 1. Admin choose to edit a category  * At stage 5 of the basic flow, admin may click on the Edit button to edit a category. * Admin will be redirected to the Edit Category page. * Admin will fill out the form containing the name and description of the category. * After filling the form, admin will click the Update button below the form to update the category. * Admin will then be redirected back to the Categories section of the dashboard.  1. Admin choose to remove a category  * At stage 5 of the basic flow, admin may click on the remove button to remove a category. * A warning dialog will pop up to confirm with admin if they are sure to delete the record. * Admin can click on the Confirm button to delete the category * Admin can click on the Cancel button not to delete the category.  1. Admin click on the category name  * At stage 4 of the basic flow, admin may click on the category name on a table row. * Admin will be redirected to the Products viewing page with the products which are related to that category will be displayed. |
| **Special Requirements** | 1. User must be of Administrator role  * User should have an account in advance to login to the application. The system will verify their username and password to check if it match any account. |
| **Preconditions** | 1. User is logged in with Administrator role  * User should have an account in advance to login to the application. The system will verify their username and password to check if it match any account. |
| **Postconditions** | 1. Admin should be able to perform actions of category management.  * Admin should be able to perform actions of category management such as adding, editing, removing categories, viewing related products, … . |

# Manage Products

| **Use Case ID** | UC04 |
| --- | --- |
| **Use Case Name** | Manage Products |
| **Brief Description** | Manage Products use case occurs when the administrator want to view or modify the products base on the available stock products. They may want to add more products for newly arrived ones or remove some of them as they are out-of-stock. |
| **Basic Flow** | 1. The administrator will start from the home page (after logging in with the admin account). They should notice the dashboard icon on the top right of their screen and click on it. 2. Admin is redirected to the dashboard page which is accessible only for them. 3. On the side bar, admin will click on the Products section. 4. The list of all products will be displayed in a table format. Admin can view the products here. Each table row will contains the information about product name, category, description, price, stock quantity and Actions 5. For each categories, on the Actions column, admin can choose to edit or delete it with the two buttons. 6. Above the table is a bar that admin can perform searching by name. Admin can fill the textbox of Product Name and then click the Search button to search. 7. If admin wants to add new product, they can click on the Create button next to the Search button. 8. Admin get redirected to the Create Product page where they are required to fill out the form contains Product Name, Description, Category, Price, Cost, Stock Quantity and Pictures of the product (admin can click the Choose Files button to upload the picture from their device). 9. After filling the form, admin will click Save button to create the new product. 10. Admin will be redirected back to the Products section of the dashboard. |
| **Alternative Flow** | 1. Admin choose to edit a product  * At stage 5 of the basic flow, admin may click on the Edit button to edit a category. * Admin will be redirected to the Edit Product page. * Admin will fill out the form containing the name and description, Category, Price, Cost, Stock Quantity and Pictures of the product. Admin can click the Choose File button to upload more pictures from their device or click the Remove Picture on each displayed pictures to remove them. * After filling the form, admin will click the Update button below the form to update the product. * Admin will then be redirected back to the Categories section of the dashboard.  1. Admin choose to remove a product  * At stage 5 of the basic flow, admin may click on the remove button to remove a product. * A warning dialog will pop up to confirm with admin if they are sure to delete the record. * Admin can click on the Confirm button to delete the product. * Admin can click on the Cancel button not to delete the product.  1. Admin click on the product name  * At stage 4 of the basic flow, admin may click on the product name on a table row. * Admin will be redirected to the Product details page of that product |
| **Special Requirements** | 1. User must be of Administrator role  * User should have an account in advance to login to the application. The system will verify their username and password to check if it match any account. |
| **Preconditions** | 1. User is logged in with Administrator role |
| **Postconditions** | 1. Admin should be able to perform actions of products management.  * Admin should be able to perform actions of products management such as adding, editing, removing products, viewing product details page, … . |

# Manage Order

| **Use Case ID** | UC05 |
| --- | --- |
| **Use Case Name** | Manage Order |
| **Brief Description** | Mange Order use case occurs when the administrator or employees want to view or modify the orders base on their status. They may want to view the orders details, update the status of the orders. |
| **Basic Flow** | 1. The administrator or employees will start from the home page (after logging in with the admin account). They should notice the dashboard icon on the top right of their screen and click on it. 2. User is redirected to the dashboard page which is accessible only for them. 3. On the side bar, admin will click on the Orders section. 4. The list of all orders will be displayed in a table format. User can view the orders here. Each table row will contains the information about order id, placed date, order price, payment method, status and Actions 5. For each orders, on the Actions column, user can choose to view the order details delete it with the Details button. 6. Above the table is a bar that user can perform searching by Order ID. User can fill the textbox of Order ID or choose the Order Status dropdown and then click the Search button to search. 7. User get redirected to the Create Product page where they are required to fill out the form contains Product Name, Description, Category, Price, Cost, Stock Quantity and Pictures of the product (user can click the Choose Files button to upload the picture from their device). |
| **Alternative Flow** | 1. User choose to view the details of an order  * At stage 5 of the basic flow, user may click on the Details button to view details of an order. * User will be redirected to the Order Detail page. * User can observe the details of the order such as Order Status, Payment Method, Placed Date, Order ID, Items that the order contains and their information like Name, Price, Quantity, Total price, … . Below the Items details, admin can view the details of the customer who are in charge of the current order (full name, email, phone number). Then, user can see the details of shipping address of the order below the Customer Details with Country, City, Address, Zip Code. * At the very bottom, there is a form where user can update the order status by choosing the drop down which contains many kinds of order status and then click the Update Status button to update status. * After that, user can see the order status has been updated at the current Order page. |
| **Special Requirements** | User must be of Administrator or Employee role |
| **Preconditions** | User is logged in with Administrator or Employee role |
| **Postconditions** | 1. User should be able to perform actions of orders management.  * User should be able to perform actions of orders management such as viewing order details, updating order status. |

## 

# View Economic Status

| **Use Case ID** | UC06 |
| --- | --- |
| **Use Case Name** | **View Economic Status** |
| **Brief Description** | View Economic Status use case occur when the administrator want to view the economic status of their business. |
| **Basic Flow** | 1. User may notice the user icon on the top right of their screen and click on it. This should redirect them to the Account login page.  2. User then login to the application as administrator  3. If successful, they will be redirected to the home page. Here, admin may notice the dashboard icon right next to the account icon on the top right.  4. Admin will click on the icon and they will be redirected to the Dashboard for administrator.  5. On the side panel on the left, admin will see a panel named Dashboard. Admin will click on the panel to view the details of their economic status.  6. There, admin will know the profit their business gained each month of the year. Below will be the amount of the entities like products, categories, orders, comments, … . |
| **Alternative Flow** | **\_ Admin may view another yearly profit record**  1. At stage 6 of the basic flow, admin can select a yearly profit record to view.  2. Admin can click on the year to view the profit, the chart will update the profit of that year.  **\_ Admin may want to view the list of products or categories or orders …**  1. At stage 6 of the basic flow, admin can view the list of the entities by clicking on the card of the entity. For example, admin can click on the card that show the amount of products and they will get redirected to the Products List page of admin dashboard. |
| **Special Requirements** | Information like full name, username and email should not be already used by other accounts, otherwise user can not create their new account |
| **Preconditions** | User need to login as administrator to be able to use the dashboard features. |
| **Postconditions** | Admin should be able to view the economic status at the Dashboard panel at the Dashboard page. |

# View Products List

| **Use Case ID** | UC07 |
| --- | --- |
| **Use Case Name** | **View Products List** |
| **Brief Description** | View Products List use case occurs users want to view the products and services of the business through the application. |
| **Basic Flow** | 1. At first, when the user access the application, they are at the home page which will display a navigation bar, a list of products as a slider and some other details.  2. User may notice on the navigation bar the PRODUCTS option and click on it.  3. User will be redirected to the Search Products page which will display almost all of the products of the business line by line and page by page.  4. On the left of the products list, user can see the Search Products section. User can enter a name or a text that may be related to the product they’re interested and those related ones will be displayed on the right.  5. Below the Search Products section, the categories will be displayed line by line with the amount of related products next to their names. User can click on the category name to see the products that are related to it.  6. Below the Categories section is the Price Range section, user can drag the price range bar and click the Filter button to filter the products. They can click the Reset button to reset the filter.  7. Above the products list, user may notice the two dropdown bar. The first one is for choosing the order options of the products list. The second one is for choosing the amount of products displayed on a single page.  8. Below the products list, there is a pagination bar at which user can click on a page number to navigate to that page to view the products. |
| **Alternative Flow** | **·** **User may choose to sort the products in an order :** 1. At stage 7 of the basic flow, user may choose an option from the first dropdown list above the products list.  2. The default option is “Latest Products”. If user choose “Price – Low to High”, the products list will be arranged from the lowest priced one to the highest. If user choose “Price – High to Low”, the product with highest price will be displayed first  then the lower ones. **· User may choose the amount of products on a single page :** 1. At stage 7 of the basic flow, user may choose an option from the second dropdown list above the products list.  2. There are many options to choose. For example, if user choose “Show 10 products”, the products list will display 10 products per page. |
| **Special Requirements** |  |
| **Preconditions** |  |
| **Postconditions** | User can view the product list |

# View Product Details

| **Use Case ID** | UC08 |
| --- | --- |
| **Use Case Name** | **View Product Details** |
| **Brief Description** | View Product Details use case occurs when user is interested in a certain product and want to view its  details. |
| **Basic Flow** | 1. When user is already at the Search Products Page, user may be interested in a certain product.  2. User then click on the product card which will navigate them to the Product Details page.  3. There, user can see the details of the products like its name, description, price and stock quantities. User will see the option to increase or decrease the buying quantities and next to it will be the “Add To Cart” button for the user to add the product to their cart. Below, user will see reviews and comments of others customers that purchased the product. User can also leave their comment about the product if  they are already logged in. |
| **Alternative Flow** | **·** **User may hover to the product card:** 1. When user is already at the Search Products Page, user may be interested in a certain product.  2. User will see the two icons which  will be View Details” (represented as an eye icon) and “Add to cart” (represented as a cart icon).  3. If user click on the eye icon, they will be redirected to the Product Details page where they can the details of the products like its name, description, price and stock quantities. User will see the option to increase or decrease the buying quantities and next to it will be the “Add To Cart” button for the user to add the product to their cart. Below, user will see reviews and comments of others customers that purchased the product. User can also leave their comment about the product.  4. If user click on the Cart icon, the product will be directly added to their cart with the quantity of 1. |
| **Special Requirements** |  |
| **Preconditions** |  |
| **Postconditions** | User can view the detail of the product they choose |

# Use Cart

| **Use Case ID** | UC09 |
| --- | --- |
| **Use Case Name** | **Use Cart** |
| **Brief Description** | This use case occurs users want to add the products that they are interested for later ordering and checkout. |
| **Basic Flow** | 1. At first, when the user access the application, they are at the home page which will display a navigation bar, a list of products as a slider and some other details.  2. User may notice on the navigation bar the PRODUCTS option and click on it.  3. User will be redirected to the Search Products page which will display almost all of the products of the business line by line and page by page.  4. User may hover to the picture of a product in the list and see the Cart icon.  5. User click on the Cart icon and the product will be added to customer cart with the quantity of 1.  6. After viewing and adding the products to cart, user can click on the Cart icon on the top right of the screen to view the cart items.  7. There, user can view the cart items represented as a table which contains products names, prices, quantity, total price of the item and a delete icon to remove the item.  8. User can also increase or decrease the quantity of the item on each table row.  9. Below the table, there is a section which displays the sub total price of the items, the shipping charge, the final price and the “Process To Checkout” button for user to navigate to the checkout page to place the order. |
| **Alternative Flow** | **·** **User may click on the product picture to view the details:** 1. At stage 4 of the basic flow, user may click on the Eye icon or the picture of the product to be redirected to the Product Details page.  2. User will see the option to increase or decrease the buying quantities and next to it will be the “Add To Cart” button for the user to add the product to their cart.  3. User will adjust the quantity and click on the “Add to Cart” button to add the product to their cart. |
| **Special Requirements** |  |
| **Preconditions** | User need to login first in order to use the cart |
| **Postconditions** | User can add the products they find interesting for later ordering and checkout |

# Rate and Comment

| **Use Case ID** | UC10 |
| --- | --- |
| **Use Case Name** | Rate and Comment |
| **Brief Description** | Rate and Comment use case occurs when users want to rate and leave comments about the products or services that they experienced. |
| **Basic Flow** | 1. After purchasing some products, user may login to the application and navigate to the products details page of the products they purchased. 2. Below the product details, user will see the Leave a Comment section to the right of the Reviews section. 3. User will see the rating section at which they can click on the stars icon to rate the product. 4. User will see the text space below to write their comment. After writing their comment, user can click on the “Leave Comment” button to leave their comment. 5. After leaving the comment, user can see their comment on the Reviews section which shows their username, their rating, comment, timestamp and a bin icon to delete the comment in case they want to. |
| **Alternative Flow** | User is not logged in  1. At stage 1 of the basic flow, user may not login to the application and navigate to the product details page.  2. At the Leave a Comment section, user will see a message “You need to login to leave comments”. User will have to login or register an account to leave a comment and rating.  User may choose to delete their comment   1. At stage 5 of the basic flow, user may click on the bin icon to delete their comment.   2. A dialog will pop up and confirm with the user to delete the comment, user can click on the “Yes, delete the comment” button to delete it or “No, don’t delete” to cancel. |
| **Special Requirements** | Implement a system to moderate comments to ensure they comply with community guidelines and standards. |
| **Preconditions** | User must have purchased the product and be logged in to leave a rating and comment. |
| **Postconditions** | User should be able to leave their comment and rate the product.  User should be able to leave a comment and rate the product at the Products Details page. |

# Process Payment

| **User case ID** | UC11 |
| --- | --- |
| **Use Case Name** | Process Payment |
| **Brief Description** | Process Payment use case occurs when the customer wants to confirm and provide information for payment to place an order |
| **Basic Flow** | 1. After adding desired items to the shopping cart, users need to click on the cart icon and then proceed to checkout or select the checkout option in the header menu  2. At this point, users are prompted to enter their phone number and delivery address.  3. Users are then prompted to choose the payment method, either cash on delivery or through PayPal.  4. If users choose to pay via PayPal, they may be asked to make the payment directly through their PayPal account or with a debit/credit card linked to their PayPal account.  5. Finally, users confirm the order and are redirected to the order tracking page if the order is successfully placed |
| **Alternative Flow** | User provide inappropriate information:  1. At stage 2 of the basic flow, the provided phone number may be invalid.  2. At stage 4 of the basic flow, the debit/credit card information may be invalid  User may not be logged in:  At stage 2 of the basic flow, users are required to provide their names and email addresses if they are not logged in  Users want to adjust the quantity in the order:  At any stage of the basic flow, users can adjust the quantity of products in the cart by selecting "Modify Cart" in the order details section. |
| **Special Requirements** | Implement encryption and security measures to protect users' payment information. |
| **Preconditions** | User has added items into shopping cart |
| **Postconditions** | System records the order and updates the quantity of items in stock  User receives a notification confirming a successful order placement |

# Chat

| **User case ID** | UC12 |
| --- | --- |
| **Use Case Name** | Chat |
| **Brief Description** | Chat use case occurs customers want to receive support from the business managers. |
| **Basic Flow** | 1.At first, when the user access the application, they are at the home page.  2.User may notice the Messenger Icon on the bottom right of their screen. User will click on that icon.  3.A chat box will pop up and user can see the Message “Chat with …” and the Start Chat button. Then, user can click on the “Start chat” button in the chat box.  4.There are two options: Use Messenger and Continue as Guest. User may choose “User Messenger”.  5.User click on the User Messenger button and they will login to their Messenger account and then start chatting with the business manager. |
| **Alternative Flow** | User may click on “Continue as Guest” button to chat.  1. At stage 4 of the basic flow, user may click on the “Continue as Guest” button to chat.  2. User will not need to login to their Messenger account but start chatting directly with the business manager. |
| **Special Requirements** | Implement a notification system to alert users about new chat messages. |
| **Preconditions** | Users must have access to the chat feature. |
| **Postconditions** | User should be able to chat with the business managers.  User should be able to see the chat box and start chatting via Messenger Live Chat with their Messenger account or as a Guest. |

# View Profile

| **User case ID** | UC13 |
| --- | --- |
| **Use Case Name** | View Profile |
| **Brief Description** | View Profile use case occurs when user want to view their profile details. |
| **Basic Flow** | 1.User will click on the account icon on the top right to navigate to the login page.  2.User will login to their account and get redirected to the home page.  3.User will notice the account icon on the top right of their screen. User will click on the icon.  4.User are then redirected to the User Profile page. Here, user can see a section with multiple tabs representing different information. The Basic Info tab will be displayed as default which shows basic information of the user such as Full Name, Email, Username, Phone number, …  5.User can also click on the other tabs which are Orders and Comments.  6.If user click on the Orders tab, they can view the orders they placed in the past with its details like Order ID, Placed Date, Order Amount, … .  7.If user click on the Comments tab, they can view the comments and ratings they left for the products in the past. |
| **Alternative Flow** | User may click on the bin icon to delete their comment in the comments tab.  1. At stage 7 of the basic flow, user may click on the bin icon to delete one of their past comment and rating.  2. A dialog will pop up confirming if the user want to delete the comment. Use can click on the “Yes, delete comment” to delete the comment or “No, don’t delete” to cancel. |
| **Special Requirements** |  |
| **Preconditions** | User is logged in to their account.  User have to be logged in to their account to view their user profile. |
| **Postconditions** | User should be able to view their information.  User should be able to view their basic information, past orders and past comments, ratings. |