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Use Case Specification

Group 5, tutorial 2

Lý Trung Kiên, Lê Đức Long, Tôn nữ tú Anh, Nghiêm thị xuân thủy, đặng trần trung hiếu

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USE CASE FOR BOTH

CUSTOMERS AND ADMINISTRATORS

1.Log in

|  |  |
| --- | --- |
| Use case’s Name | Log in |
| Description | Process represents steps for logging in |
| Actors | * Customer * Administrator * System |
| Triggers | Users want to access website |
| Pre-Conditions | Users haven’t logged in the website |
| Post-Conditions | Users logged in successful |
| Main Event Flow | 1. Users insert their username and password 2. Users press log in button 3. System receive information and request, permit user to access the website |
| Alternative Event Flow | 1. Information does not exist: System sends an error message and require the user to sign up 2. Wrong information: Send and error message and require the user to try again |
| Special Requirements | User must have basic knowledge about Website and Internet Using. |

2.Log out

|  |  |
| --- | --- |
| Use case’s Name | Log out |
| Description | Process represents steps for logging out |
| Actors | * Customer * Administrator * System |
| Triggers | Users finish their purpose on Website |
| Pre-Conditions | Users logged in the website |
| Post-Conditions | Users logged out successful |
| Main Event Flow | 1. Users clicks on Log out button 2. System receives request and permits users to log out |
| Alternative Event Flow | None |
| Special Requirements | User must have basic knowledge about Website and Internet Using. |

3.Change Password

|  |  |
| --- | --- |
| Use case’s Name | Change Password |
| Description | Process of create a new password. |
| Actors | * Customer * Admin * System |
| Triggers | Users access to My account page |
| Pre-Conditions | User logged in the account |
| Post-Conditions | New password is created successfully. |
| Main Event Flow | 1. Users press change password button 2. Users enter required information 3. System verified information 4. System save changed information to database 5. System displayed new date |
| Alternative Event Flow | 1. Wrong datatype input: System sends error message and required users to reinput information 2. Empty required fields: System sends error message and requires users to fill in required field |
| Special Requirements | Password must validate the description |

4.Create account

|  |  |
| --- | --- |
| Use case’s Name | Create Account |
| Description | Process of create an account for member.  Customer access to registration page. |
| Actors | * Customer * System * Admin |
| Triggers | Customer click to registration page. |
| Pre-Conditions | The registration page is still working. |
| Post-Conditions | Customer has an member account. |
| Main Event Flow | 1. Customer access to the website 2. Customer clicks on Create Account button 3. Customer enters all required information 4. Customer submits all required information 5. System verifies information 6. System saves verified information to the database 7. System displays new user account data value |
| Alternative Event Flow | 1. Wrong datatype input: System sends error message and requires users to reinsert information 2. Empty required fields: System sends error message and requires users to fill in required fields |
| Special Requirements | Customer need to confirm some information such as phone number, address,etc… |

5. Edit account

|  |  |
| --- | --- |
| Name | Edit profile |
| Actor | Administrator  Customers  System |
| Summary | Allows users to edit profile |
| Pre-condition | Account already registered |
| Post-condition | Profile edited successfully |
| Trigger | Users selects edit profile |
| Basic flow | 1. Users selects edit account option  2. Display profile to be edited  3. Users insert new information  4. Users selects save profile  5. Display confirmation prompt  6. Users selects accept  5. Save edited profile |
| Alternative flow | 6a. Users selects deny  7a. Return to Profile manage page |

USE CASE FOR ONLY ADMINISTRATOR

**Account manage**

1.Add account

|  |  |
| --- | --- |
| Use case | Add Account |
| Description | Administrator adds new product(s) to the database ‌ |
| Actors | Administrator |
| Triggers | Click on “Add Account” button |
| Pre-Conditions | The admin must log in the website |
| Post-Conditions | New account save database |
| Main Event Flow | The staff: click “Add Account” button.  -> Enter information account  -> Click “Save” button |
| Special Requirements | At least one news is required |

2. Edit account

|  |  |
| --- | --- |
| Name | Edit account |
| Actor | Administrator |
| Summary | Allows administrator to edit account |
| Pre-condition | Account already registered |
| Post-condition | Account is edited |
| Trigger | Administrator selects edit account |
| Basic flow | 1. Administrator selects edit account option  2. Display account information to be edited  3. Let administrator edit account  4. Administrator selects save account information  5. Display confirmation prompt  6. Administrator selects accept  5. Save edited account information |
| Alternative flow | 6a. Administrator selects deny  7a. Return to account manage page |

3. Remove account

|  |  |
| --- | --- |
| Name | Remove account |
| Actor | Administrator |
| Summary | Allows administrator to remove account |
| Pre-condition | Account already registered |
| Post-condition | Account is removed |
| Trigger | Administrator selects remove account |
| Basic flow | 1. Administrator selects remove account option  2. Display prompt to confirm removal  3. Administrator selects accept  4. Remove account |
| Alternative flow | 3a. Administrator selects deny  4a. Return to account manage page |

**Order manage**

1. Add order

|  |  |
| --- | --- |
| Name | Add order |
| Actor | Administrator |
| Summary | Allows administrator to add order |
| Post-condition | Order is added |
| Trigger | Administrator selects add order |
| Basic flow | 1. Administrator selects add order  2. Display order placement page  3. Let administrator fill in order placement details  4. Administrator selects place order  5. Display confirmation prompt  6. Administrator selects accept  7. Save new order |
| Alternative flow | 6a. Administrator selects deny  7a. Return to order placement page |
| Exception flow | 5a. Unsuccessful order placement, required information not filled in.  6a. Display message  7a. Return to order placement page  Use case continues at step 3 |
| Non-functional Requirements | Necessary information must be provided to successfully add order placement |

2. Edit order

|  |  |
| --- | --- |
| Name | Edit order |
| Actor | Administrator |
| Summary | Allows administrator to edit order |
| Pre-condition | Order already placed |
| Post-condition | Order is edited |
| Trigger | Administrator selects edit order |
| Basic flow | 1. Administrator selects edit order  2. Display edit order page  3. Let administrator edit order  4. Administrator selects save order information  5. Display confirmation prompt  6. Administrator selects accept  5. Save edited order information |
| Alternative flow | 6a. Administrator selects deny  7a. Return to order manage page |

3. Remove order

|  |  |
| --- | --- |
| Name | Remove order |
| Actor | Administrator |
| Summary | Allows administrator to remove order |
| Pre-condition | Order already placed |
| Post-condition | Order is removed |
| Trigger | Administrator selects remove order |
| Basic flow | 1. Administrator selects remove order  2. Display prompt to confirm removal  3. Administrator selects accept  4. Remove order |
| Alternative flow | 3a. Administrator selects deny  4a. Return to order manage page |

**Product Manage**

1.Add Product:

|  |  |
| --- | --- |
| Use case | Add product |
| Description | Administrator‌ adds new product(s) to the database |
| Actors | Administrator |
| Triggers | Click on “Add Product” button |
| Pre-Conditions | The admin must log in the website |
| Post-Conditions | A list of product(s) is shown after adding new product(s). |
| Main Event Flow | The staff: click “Add Product” button.  -> Enter information for new product(s)  -> Click “Save” button |
| Special Requirements | At least one news is required |

2.Edit Product:

|  |  |
| --- | --- |
| Use case | Edit Product |
| Description | Process of managing news |
| Actors | Administrator |
| Triggers | Click on “Manage Product” button |
| Pre-Conditions | The admin must log in the website |
| Post-Conditions | A list of product is shown with a change in edited profile |
| Main Event Flow | The staff: click “Manage Product” button.  -> Choose profile to edit  -> Enter required information  -> Click “Save” button |
| Special Requirements | At least one news is required |

3. Remove Product:

|  |  |
| --- | --- |
| Use case | Remove Product |
| Description | Process of managing news |
| Actors | Administrator |
| Triggers | Click on “Remove Product” button |
| Pre-Conditions | The admin must log in the website |
| Post-Conditions | The removed poducts ưill shown in new list |
| Main Event Flow | The staff: click “Remove Product” button  -> Select the product want to move  ->Select new position  -> Click “Remove” button  -> Click “Save” button |
| Special Requirements | At least one news is required |

USE CASE FOR ONLY CUSTOMERS

1. Fill the order

|  |  |
| --- | --- |
| Use case’s Name | Fill the order |
| Description | Process of making a list of items you want to buy.  Customer shopping and add to cart items they want. |
| Actors | * Customer |
| Triggers | Customer access to website. |
| Pre-Conditions | Customer want to find necessary products. |
| Post-Conditions | Customer waiting for order confirmation. |
| Main Event Flow | 1. Customer log in Amazing e- commerce website 2. Customer choose product to add to cart 3. Customer clicks Add To Cart button 4. Product is added to cart |
| Alternative Event Flow | * Error case : items out of stock |
| Special Requirements | Customer have to log in the website |

2.Search Product

|  |  |
| --- | --- |
| Use case’s Name | Search product |
| Description | Process of search items that customer needs. |
| Actors | * Customer |
| Triggers | Customer access to website. |
| Pre-Conditions | The search function is still working. |
| Post-Conditions | Customer can find product they needed. |
| Main Event Flow | 1. Customer clicks search button 2. Customer fill in product information 3. System display desired product data |
| Alternative Event Flow | 1. Wrong datatype input: System sends error message and requires users to reinput information 2. Empty required fields: System sends error message and required users to fill in required fields |
| Special Requirements | Customer must type name of product corectly. |

3.Add product to cart

|  |  |
| --- | --- |
| Use case’s Name | Add product to cart |
| Description | Process of add items to cart. |
| Actors | * Customer |
| Triggers | Customer access to website |
| Pre-Conditions | Add to cart function still is work. |
| Post-Conditions | None |
| Main Event Flow | 1. Customer choose product to add to cart 2. Customer clicks add to cart button 3. System receives request and add product to cart |
| Alternative Event Flow | 1. Product is not available: System sends error message and suggest customer to choose another product |
| Special Requirements | Customer must login to payment order |

4.Check order

|  |  |
| --- | --- |
| Use case’s Name | Check order |
| Description | Process of checking the order |
| Actors | Customer |
| Triggers | Customer check all items before payment |
| Pre-Conditions | 1. Customer must be online with Web access into Amazing e-commerce website 2. Customer must have valid order number |
| Post-Conditions | The system will display all information of the order which fit with filled order number |
| Main Event Flow | 1. Customer enter order number 2. Customer clicks check order button 3. System display order status |
| Alternative Event Flow | 1. Order status is not available: System send error message 2. Customer enter invalid order number: System send error message and required user to reinput valid order number. |
| Special Requirements | Customer must have basic knowledge about Website and Internet using |

5.Add product to cart

|  |  |
| --- | --- |
| Use case’s Name | Remove product from cart |
| Description | Process of removing items from cart. |
| Actors | * Customer |
| Triggers | Customer access to website |
| Pre-Conditions | 1. User must log in the website 2. At least one product must be existed in the cart |
| Post-Conditions | Product removed successfully |
| Main Event Flow | 1. Customer access cart site 2. Customer choose product 3. Customer choose remove button 4. System receive the request and remove product from cart |
| Alternative Event Flow | 1. Product is not available: System sends error message and suggest customer to choose another product 2. Product haven’t been in the cart: User can’t choose product which is not in the cart |
| Special Requirements | Customer must login to payment order |

6.View product detail

|  |  |
| --- | --- |
| Use case’s Name | View product detail |
| Description | Process of viewing product’s details |
| Actors | * Customer |
| Triggers | Customer access to website |
| Pre-Conditions | 1. User must log in the website 2. At least one product must be existed in the system |
| Post-Conditions | Product details displayed successfully |
| Main Event Flow | 1. Customer access cart site 2. Customer choose product 3. Customer choose view details option 4. System receive the request and display product details. |
| Alternative Event Flow | 1. Product is not available: System sends error message and suggest customer to choose another product |
| Special Requirements | Customer must login to payment order |

7.Place the order

|  |  |
| --- | --- |
| Use case’s Name | Place the order |
| Description | Process of placing order |
| Actors | * Customer |
| Triggers | Customer access to website. |
| Pre-Conditions | Customer finish choosing their target products |
| Post-Conditions | Customer waiting for order confirmation. |
| Main Event Flow | 1. Customer choose purchase button 2. Customer specify quantity, item detail, shipping method, shipping address, payment detail 3. Customer clicks on confirm button 4. Customer clicks on confirm button 5. System display order confirmation |
| Alternative Event Flow | 1. Purchase form does not load: User refresh the page 2. Invalid quantity: System send error message and require user to seinput quantity 3. Customer left required fields blank: System send error message and require user to fill in the blank fields |
| Special Requirements | Customer have basic knowledge of using Website and Internet |