Use Case Introduction

###### Write Introduction

General use case diagram for Baibao website



Actor:

As shown on the diagram above, there are five types of users with each one has a different policy on this web system. The users as follow:

* **Admin**: Administrator of this web system who has the power to control all of the system.
* **Manager**: This user has manageable controls on users, products and orders list except registering new user as a manager.
* **Customer**: This is the user who register new account on the website and purchase items.
* **Seller**: This user, supplier, seller or company is the one who will sell the products on this website.
* **Shipper**: This user is the one that make the order deliver to the customer.

Manage Order use case diagram



Descriptions for Order use case diagram:

|  |  |
| --- | --- |
| View and choose product | |
| Description: Customer can view and choose a product from the product view page.  Actor: Customer | |
| User Action | System Action |
| 1. Open product page | 2. Get products from the database |
| 3. Select a product | 4. Retrieve product details |
| Alternative Flow | |
| Step 2: approval products will be displayed only. | |

|  |  |
| --- | --- |
| Add to Cart | |
| Description: add product into the cart and show cart’s details after shopping has done.  Actor: Customer | |
| User Action | System Action |
| 1. Select and Add product into Cart | 2. Add product in web’s local storage |
| 3. Open cart | 4. Retrieve and display information from web’s local storage |
| 5. Edit product’s quantity | 6. increase or decrease the quantity |

|  |  |
| --- | --- |
| Checkout | |
| Description: For finalizing shopping, customer will click on make order link from shopping cart page to proceed to the checkout form.  Actor: Customer | |
| User Action | System Action |
| 1. Click on make order link | 2. bring the cart data and display checkout form |
| 3. Fill shipping details & select shipping plan. |  |
| 4. Choose payment method, and click checkout link | 5. check user and add order information into database |
| Alternative Flow | |
| Step 3: The system calculates shipping cost and display final price.  Step 5: if the user is not registered, go to login page and if the customer has not made checkout successfully, alert error message. | |

|  |  |
| --- | --- |
| Check Receipt | |
| Description: Show receipt to the customer  Actor: Customer | |
| Precondition: Registered customer had checkout successfully. | |
| User Action | System Action |
|  | 1. System sent the receipt to the user account. |
| 2. Review receipt |  |

|  |  |
| --- | --- |
| Check shipment list | |
| Description: Shipper will check the shipment detail and update the shipment status.  Actor: Shipper | |
| User Action | System Action |
| 1. Go to shipment view page | 2. Retrieve all order list. |
| 3. Update status | 4. change the shipment status |
| Alternative Flow | |
| Step 2: System will display all order list under the user.  Step 4: System will confirm to the user whether the shipment is delivered or not. | |

Manage product Use case diagram



Descriptions for manage product use case diagram:

|  |  |
| --- | --- |
| Add new Product | |
| Description: Add new product as a request  Actor: Seller | |
| User Action | System Action |
| 1. Go to add new product page | 2. Display new product form page. |
| 3. Add product information and save & request | 4. Import information into database |
| Alternative Flow | |
| Step 4: System will check the filled information is valid or not. | |

|  |  |
| --- | --- |
| Edit Product | |
| Description: Edit and Update the product’s information  Actor: Seller | |
| User Action | System Action |
| 1. Go to user’s product list | 2. Retrieve all products information under user |
| 3. Click one product’s detail | 4. Retrieve specific product’s detail and display it. |
| 5. Edit and save the product’s detail | 6. Update the product’s information to the database. |
| Alternative Flow | |
| Step 6: The updated product will reset he approve column and will not display on the product view for the customer until admin or manager make approval again. | |

|  |  |
| --- | --- |
| Check & Approve Product | |
| Description: Approve the new products  Actor: Admin and Manager | |
| User Action | System Action |
| 1. Go to product list | 2. Retrieve all products information list. |
| 3. Click one product’s detail | 4. Retrieve specific product’s detail and display it. |
| 5. Approve the product | 6. Update the data |
| Alternative Flow | |
| Step 6: Approved products will display on the product view for the customer. | |

Filter & Search Data Use Case Diagram



|  |  |
| --- | --- |
| Description: Search data with the database  Actor: Anyone | |
| User Action | System Action |
| 1. Search for the items in search box | 2. Retrieve and display requested information |
| 3. Filter some data with dynamic advance search with filter such as check box on categories and brands | 4. Display the specific items with filtered data |
| Alternative Flow | |
| Step 1: Users will type the data inside the search box for the things they want to search.  Step 3: Users will click on their favored categories or brands together from the side navigation checkbox.  Step 2 & 4: System will carry the requested data from the database and display to the users with filtered data. | |

Approve Users Use Case Diagram



Description for approve users use case diagram:

|  |  |
| --- | --- |
| Register Manager | |
| Description: Only admin can register new manager and manager can not register him or herself.  Actor: Admin | |
| User Action | System Action |
| 1. Go to user registration page | 2. Show register form |
| 3. Select Manager Role and fill up the register form and click register | 4. insert information into database |
| Alternative Flow | |
| Step 1: Users must be login as admin. | |

|  |  |
| --- | --- |
| Approve users | |
| Description: Admin and managers can approve the members of sellers and shippers requested to sign in.  Actor: Admin & Manager | |
| Precondition: Registered as manager users and admin. | |
| User Action | System Action |
| 1. Go to user view list | 2. Retrieve user list |
| 3. Click approve button | 4. Change user’s approval status |
| Alternative Flow | |
| Step 1: Users must be login as admin or manager.  Step 4: After the user of seller or shipper approval status changed, they can log in into the website. | |