Use case specification

# UC “Create product information”

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| **UC Code** | UC001 | **Use case name** | Create product information |
| **Actor** | Overseas Import Site | | |
| **Precondition** | Successful Login | | |
| **Main flow of event (success)** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 1. | Overseas Import Site | chooses create product | | 2. | System | displays product creation screen | | 3. | Overseas Import Site | enters and submits the product information | | 4. | System | checks if the needed fields are filled | | 5. | System | checks if the quantity is not negative | | 6. | System | checks if the product is existed | | 7. | System | notifies that the product is added successfully | | | |
| **Alternative flow of event** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 4a. | System | notifies “All the fields with red star must be filled” if there is any needed field is blank. | | 5a. | System | notifies “The quantity of product in stock mustn’t be negative” if the value of quantity is smaller than 0. | | 6a. | System | notifies “This product is existed!” if the product name is existed. | | | |
| **Post condition** | None | | |

# UC “Update product information”

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| **UC Code** | UC002 | **Use case name** | Update product information |
| **Actor** | Overseas Import Site | | |
| **Precondition** | Successful Login | | |
| **Main flow of event (success)** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 1. | Overseas Import Site | chooses the product that need to be updated | | 2. | System | displays update product screen | | 3. | Overseas Import Site | changes the fields that need to be updated | | 4. | System | checks if the needed fields are filled | | 5. | System | checks if the quantity is not negative | | 6. | System | checks if the product is existed | | 7. | System | notifies that the product is updated successfully | | | |
| **Alternative flow of event** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 4a. | System | notifies “All the fields with red star must be filled” if there is any needed field is blank. | | 5a. | System | notifies “The quantity of product in stock mustn’t be negative” if the value of quantity is smaller than 0. | | 6a. | System | notifies “This product is existed!” if the product name is existed (when the product name is changed). | | | |
| **Post condition** | None | | |

# UC “Create delivery manner information”

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| **UC Code** | UC003 | **Use case name** | Create delivery manner information |
| **Actor** | Overseas Import Site | | |
| **Precondition** | Successful Login | | |
| **Main flow of event (success)** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 1. | Overseas Import Site | chooses create delivery manner information | | 2. | System | displays create delivery manner screen | | 3. | Overseas Import Site | enters and submits delivery information form | | 4. | System | checks if the way of delivery is existed | | 5. | System | checks if the number of days is not positive | | 6. | System | notifies “The delivery information is added successfully” | | | |
| **Alternative flow of event** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 4a. | System | notifies “The way of delivery is existed” if the kind of transportation is used. | | 5a. | System | notifies “The number of days for delivery must be greater than 0!” if the number of days is negative. | | | |
| **Post condition** | None | | |

# UC “Update delivery manner information”

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| **UC Code** | UC004 | **Use case name** | Update delivery manner information |
| **Actor** | Overseas Import Site | | |
| **Precondition** | Successful Login | | |
| **Main flow of event (success)** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 1. | Overseas Import Site | chooses the delivery information need to be updated | | 2. | System | displays update delivery information screen | | 3. | Overseas Import Site | changes the fields that need to be updated | | 4. | System | checks if the way of delivery is existed | | 5. | System | checks if the number of days is not positive | | 6. | System | notifies “The delivery information is updated successfully” | | | |
| **Alternative flow of event** | |  |  |  | | --- | --- | --- | | **#** | **Doer** | **Action** | | 4a. | System | notifies “The way of delivery is existed” if the kind of transportation is used. | | 5a. | System | notifies “The number of days for delivery must be greater than 0!” if the number of days is negative. | | | |
| **Post condition** | None | | |