Use Case “Place Order”

# Use case code

UC002

# Brief Description

This use case describes the interaction between the AIMS software with the customer and Interbank when the customer desires to place an order.

# Actors

## Customer

# Preconditions

* The precondition of this use case is that the customer has selected products and corresponding quantities to the cart.

# Basic flow of events

* Step 1. the customer view the carts
* Step 2. the customer requests to place order
* Step 3. the AIMS software checks the availability of the products in cart
* Step 4. the AIMS software prompts for customer the delivery information
* Step 5. the customers inputs and submits the delivery information
* Step 6. the AIMS software calculates shipping fees
* Step 7. the AIMS software displays the invoice
* Step 8. the customer confirms to place order
* Step 9. the AIMS software calls UC “Pay order”
* Step 10. the AIMS software creates a new order
* Step 11. the AIMS software displays the successful order notification

# Alternative flows

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Location | Condition | Action | Resume location |
| 1 | At step 4 | If there is media of which quantity in the stock is less than the ordered quantity | Software asks customer to update the cart  Customer updates the cart | At step 1 |
| 2 | At step 6 | If the mandatory inputs left empty | Software asks the customer to fill all the mandatory blank | At step 4 |
| 3 | At step 6 | If the phone number is not valid | Software asks the customer to enter a valid phone | At step 4 |

# Input data

*Table 1- Input data of delivery information*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
| 1. | Receiver |  | Yes |  | Phan Kim Hai |
| 2. | Phone number |  | Yes |  | 0367365090 |
| 3. | Province | Choose from a list | Yes |  | Hanoi |
| 4. | Address |  | Yes |  | 123 Dai Co Viet, Ha Ba Trung district |
| 5. | Shipping instructions |  | No |  |  |

# Output data

*Table 2-Output data of displaying payment summary*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | | **Example** |
| 1. | Title | Title of a media product |  | DVD The Lord of the Rings: The Fellowship of the Ring | |
| 2. | Price | Price of the corresponding media | * Comma for thousands * Positive integer * Right alignment | 120,000 | |
| 3 | Quantity | Quantity of the corresponding media | * Positive integer * Right alignment | 3 | |
| 4. | Amount | Total money of the corresponding | * Comma for thousands * Positive integer * Right alignment | 360,000 | |
| 5. | Subtotal before VAT | Total price of products in the cart before VAT | * Comma for thousands   Separator   * Positive integer * Right alignment | 1,000,000 | |
| 6 | Subtotal | Total price of products in the cart with VAT | 1,100,000 | |
| 7 | Shipping fees |  | 30,000 | |
| 8 | Total | Sum of subtotal and shipping fees | 1,130,000 | |
| 9. | Currency |  |  | VND | |
| 10. | Name |  |  | Phan Kim Hai | |
| 11. | Phone number |  |  | 0367365090 | |
| 12. | Province | Choose from a list |  | Hanoi | |
| 13. | Address |  |  | 123 Dai Co Viet, Ha Ba Trung district | |
| 14. | Shipping instructions |  |  |  | |

# 9. Postconditions