

## Use Case: Place Order

### 1. Use case code

UC002

### 2. Brief Description

This usecase describes the interaction between customers and AIMS software when the customer wishes to place order. Naturally, from the use case diagram, we describe how the use case starts and ends to gain the purpose of a use case

### 3. Actors:

- 3.1. Customers
- 3.2. Interbank

### 4. Precondition

None

### 5. Basic Flow of Events

- Step 1: The customer views the cart
- Step 2: The AIMS software checks the availability of products in the cart
- Step 3: The AIMS software displays the cart
- Step 4: The customer request to place order
- Step 5: The AIMS software displays the form of delivery information
- Step 6: The customer enters and submits delivery information
- Step 7: The AIMS software calculates shipping fees
- Step 8: The AIMS software displays the invoice
- Step 9: The customer confirms to place order
- Step 10: The AIMS software calls UC "Pay Order"
- Step 11: The AIMS software creates a new order
- Step 12: The AIMS software makes the cart empty
- Step 13: The AIMS software displays the successful order notification

### 6. Alternative flows

*Alternative flows of events for UC Place order*

No	Location	Condition	Action	Resume Location
1	At Step 3	If there is media of which quantity in the stock is less	- The AIMS software asks the customer to update the cart.	At step 2

		than the ordered quantity	- The customer updates the cart	
2	At Step 7	If a mandatory field is left blank	The AIMS software asks the customer to fill all the mandatory blank.	At Step 5
3	At Step 7	If the phone number is invalid	The AIMS software asks the customer to enter a valid phone number.	At Step 5

## 7. Input data

*Table 1 - Input data of delivery information*

No	Data fields	Description	Mandatory	Valid condition	Examples
1	Receiver Name		Yes		HO ANH
2	Phone Number		Yes	Consist of 10 digits	0123456789
3	Province	Choose from a list	Yes		Hanoi
4	Address		Yes		B1, SOICT, HUST
5	Shipping instructions		No		

*Table 2 - Input data of displaying invoice*

No	Data fields	Description	Mandatory	Valid condition	Examples
1	Title	Title of a media product	Yes		DVD Phim vượt ngục
2	Price	Price of the corresponding media product	Yes		120,000
3	Quantity	Quantity of the corresponding media	Yes		5
4	Amount	Total money of the corresponding media	Yes		600,000

**Note:** The rows with green shading are repeated for all media products in the cart/invoice

## 8. Output data

*Table 1 - Output data of displaying invoice*

No	Data fields	Description	Display format	Examples
1	Title	Title of a media product		DVD Phim vượt ngục
2	Price	Price of the corresponding media product	- Comma for thousands separator - Positive integer - Right alignment	120,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	5
4	Amount	Total money of the corresponding media	- Comma for thousands separator - Positive integer - Right alignment	600,000
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 before VAT		1,100,000
7	Shipping fees			50,000
8	Total	Sum of subtotal and shipping fees		1,150,000
9	Currency			VND
10	Name			HO ANH
11	Phone number			0123456789
12	Province	Choose from a list		Hanoi
13	Address			B1, SOICT, HUST
14	Shipping instructions			

*Table 2 - Output data of displaying cart*

No	Data fields	Description	Display format	Examples
1	Title	Title of a media product		DVD Phim vượt ngục
2	Price	Price of the corresponding media product	- Comma for thousands separator - Positive integer - Right alignment	120,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	5
4	Amount	Total money of the corresponding media	- Comma for thousands separator - Positive integer - Right alignment	600,000
5	Subtotal Before VAT	Total price of products in the cart before VAT	- Comma for thousands separator	1,000,000
6	Subtotal	Total price of products in the cart before VAT	- Positive integer - Right alignment	1,100,000
7	Currency			VND

**Note:** The rows with green shading are repeated for all media products in the cart/invoice

## 9. Postconditions