

Use Case “Place Order”

1. Use case code

UC002

2. 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.

3. Actors

3.1. Customer

4. Preconditions

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

5. 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

6. 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

7. 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		

8. 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