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 views the cart
- 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 ask customer to fill 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 and saves a new order
- Step 11: the AIMS software makes the cart empty
- Step 12. 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 Name		Yes		Do Minh Hieu
2.	Phone number		Yes		0987654321
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		12, 34 Alley of Tran Thai Tong street, Cau Giay district
5.	Shipping instructions		No		

8. Output data

Table 2-Output data of displaying invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Vượt ngục
2.	Price	Price of the corresponding media	- Comma for thousands - Positive integer - Right alignment	123,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	2
4.	Amount	Total money of the corresponding	- Comma for thousands - Positive integer - Right alignment	246,000
5.	Subtotal before VAT	Total price of products in the cart before VAT	- Comma for thousands Separator - Positive integer - Right alignment	2,106,000
6	Subtotal	Total price of products in the cart with VAT		2,316,600
7	Shipping fees			30,000

8	Total	Sum of subtotal and shipping fees		2,346,600
9.	Currency			VND
10.	Name			Do Minh Hieu
11.	Phone number			0987654321
12.	Province	Choose from a list		Hanoi
13.	Address			12, 34 Alley of Tran Thai Tong street, Cau Giay district
14.	Shipping instructions			

Table 3-Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		CD Em về tinh khôi – Hà Trần
2.	Price	Price of the corresponding media product	- Comma for thousands - Positive integer - Right alignment	120,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	2
4.	Amount	Total money of the corresponding media	- Comma for thousands - Positive integer - Right alignment	240,000
5.	Subtotal before VAT	Total price of products in the cart before VAT	- Comma for thousands Separator	2,106,000
6	Subtotal	Total price of products in the cart with VAT	- Positive integer - Right alignment	2,316,600
9.	Currency			VND

9. Postconditions