### **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 when the customer wishes to place order.

#### 3. Actors

#### 3.1 Customer

#### 4. Preconditions

There is an active network connection to the Internet.

#### 5. Basic Flow of Events

- 1. The customer request to place an order on the view cart screen
- 2. The AIMS software checks the availability of products in the cart
- 3. The AIMS software displays the form of delivery information
- 4. The customer enters and submits delivery information
- 5. The AIMS software check the validity of delivery information
- 6. The AIMS software calculates shipping fees
- 7. The AIMS software displays the invoice
- 8. The customer confirms to place order
- 9. The AIMS software calls UC "Pay order"
- 10. The AIMS software saves order
- 11. The AIMS software makes the cart empty
- 12. The AIMS software displays the successful order notification

#### 6. Alternative flows

No	Location	Condition	Action	Resume
				Location
1.	At step 2	If there is media of which	<ul> <li>The AIMS software asks the</li> </ul>	Resumes
		quantity in the stock is less	customer to update the cart.	at Step 2
		than the ordered quantity	<ul> <li>The customer updates the cart</li> </ul>	

2.	At step 5	If a mandatory field is left	The AIMS software asks the	Resumes
		blank	customer to fill all the mandatory	at Step 3
			blank	
3.	At step 5	If the phone number is	The AIMS software asks the	Resumes
		invalid	customer to enter a valid phone	at Step 3
			number	
4.	At step 5	If the customer has chosen	The AIMS software inserts UC	Resumes
		to place a rush order	"Place Rush Order"	at Step 6

## 7. Input data

Table 1 – Input data of delivery information

No	Data field	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		Yes		

# 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 Vuot
				nguc
2.	Price	Price of the corresponding	Comma for thousands	123,000
		media product	separator	
			Positive integer	
			<ul> <li>Right alignment</li> </ul>	
3.	Quantity	Quantity of the	Positive integer	2
		corresponding media	<ul> <li>Right alignment</li> </ul>	
4.	Amount	Total money of the	<ul> <li>Comma for thousands</li> </ul>	246,000
		corresponding media	separator	
			Positive integer	
			<ul> <li>Right alignment</li> </ul>	
5.	Subtotal before	Total price of products in	Comma for thousands	2,106,000
	Vat	the cart before VAT	separator	
6.	Subtotal	Total price of products in	Positive integer	2,316,000
		the cart with VAT	<ul> <li>Right alignment</li> </ul>	
7.	Shipping fees			30,000
8.	Total	Sum of subtotal and		2,346,600
		shipping fees		
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	<ul> <li>Comma for thousands</li> </ul>	120,000
		media product	separator	
			Positive integer	
			<ul> <li>Right alignment</li> </ul>	
3.	Quantity	Quantity of the	Positive integer	2
		corresponding media	<ul> <li>Right alignment</li> </ul>	
4.	Amount	Total money of the	<ul> <li>Comma for thousands</li> </ul>	240,000
		corresponding media	separator	
			Positive integer	
			<ul> <li>Right alignment</li> </ul>	
5.	Subtotal	Total price of products in	<ul> <li>Comma for thousands</li> </ul>	2,106,000
	before Vat	the cart before VAT	separator	
6.	Subtotal	Total price of products in	Positive integer	2,316,000
		the cart with VAT	Right alignment	
7.	Currency			VND

## 9. Postconditions

The logs have been updated accordingly