Use Case "Place order"

1. Use case code

UC00 **2. Brief**

Description

This use case describes the interaction between Customer and AIMS when Customer wish to place an order.

3. Actors

3.1. Customer 4.

Pre-conditions

There is an active network connection between customer and the Internet.

5. Basic Flow of Events

Step1. The customer requests to place an order on the view cart screen

Step2. The AIMS software checks the availability of products in the cart

Step 3. The AIMS software displays the form of delivery information

Step 4. The customer enters and submits delivery information

Step 5. The AIMS software checks the validity of 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 save order

Step 11. The AIMS software makes the cart empty

Step 12. The AIMS software displays the successful order notification.

6. Alternative flows

Table 1 - Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
1.	Step 2	If there is media of which quantity in the stock is less than the ordered quantity	- The AIMS software asks the customer to update the cart. - The customer updates the cart.	Step 2
2.	Step 5	If a mandatory field is left bank	- The AIMS software asks the customer to fill all the mandatory blank.	Step 3

No					
4.	Step 5	If the phone number is invalid	- The AIMS software asks the customer to enter a valid phone number.	Step 3

7. Input data

Table 2 - Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver name		Yes		Vu Quang Thanh
2.	Phone number		Yes		0837647674
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		10/64 An Son, Dai La, Ha Noi
5.	Shipping instruction		No		

8. Output data

Table 3 - Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		CD Canh cung 3 – Do Bao
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	2
4.	Amount	Total money of the corresponding media	- Positive integer - Right alignment	240,000
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 after VAT		2,316,600
7.	Currency			VND

Table 4 - 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 media product	- Comma for thousands separator - 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 media	- 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 after 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			Vu Quang Thanh
11.	Phone number			0837647674
12.	Province	Choose from a list		Hanoi
13.	Address			
14.	Shipping instructions			