Use Case "Place order"

1. Use case code :

UC001

2. Brief Description

This use case describes the interaction between customer and AIMS software when the customer wishes to place an order.

3. Actors

3.1. Customer

3.2. AIMS software

4. Preconditions

The customer has an active network connection to the Internet.

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 requests 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

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

		less 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	Resumes 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	Resumes at Step 5

7. Input data

Table 1 – Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1	Receiver Name		Yes		Tran Cong Minh
2	Phone Number	Choose from a list	Yes		0978373791
3	Province		Yes		Hanoi
4	Address		Yes		1A, 41 Alley of Dong Tac street, Dong Da district
5	Shipping instructions		No		

8. Output data

Table 1 – 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 product	- Comma for thousands seperator - Positive integer - Right alignment	123,000
3	Quantity	Quantity of the corresponding media	- Positie integer - Right alignment	2
4	Amount	Total money of the corresponding media	- Comma for thousands separator - 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		2,316,000
7	Shipping fees			30,000
8	Total	Sum of subtotal and shipping fees		2,346,000
9	Currency			VND
10	Name			Tran Cong Minh
11	Phone Number			0978373791
12	Province	Choose from a list		Hanoi
13	Address			1A, 41 Alley of Dong Tac street, Dong Da 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 của ngày hôm qua - Sơn Tùng MTP
2	Price	Price of the corresponding media product	- Comma for thousands separator - Positive integer - Right alignment	150,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	2
4	Amount	Total money of the corresponding media	- Positive integer - Right alignment	300,000

5	Subtotal before VAT	Total price of products in the cart befort VAT	- Comma for thousands separator	2,106,000
6	Subtotal	Total price of products in the cart after VAT	- Positive integer - Right alignment	2,316,000
7	Currency			VND

9. Postcondtions