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 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	Resumes at Step 2

2.	At step 5	If a mandatory field is left blank	• The AIMS software asks the customer to fill all the mandatory blank	Resumes at Step 3
3.	At step 5	If the phone number is invalid	• The AIMS software asks the customer to enter a valid phone number	Resumes at Step 3
4.	At step 5	If the customer has chosen to place a rush order	• The AIMS software inserts UC "Place Rush Order"	Resumes 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 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	• 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		2,346,600
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 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	• Comma for thousands separator • 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	2,316,000
7.	Currency			VND

9. Postconditions

The logs have been updated accordingly