

Use Case “Place Order”

1. Use case code

UC002

2. Brief Description

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

3. Actors

3.1 Customer

3.2 Software

4. Preconditions

There is an active network connection to the Internet

5. Basic Flow of Events

1. The customer request to place order in 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 display 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

Table N-Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
1.	At Error! Reference source not found	If there is media of which quantity in the stock is less than the ordered quantity	<ul style="list-style-type: none">▪ The AIMS software asks the customer to update the cart▪ The custotmer updates	Resumes at Step 2

			the cart	
2.	At Step 5	If a mandatory field is left blank	<ul style="list-style-type: none"> The AIMS software asks the customer to fill at the mandatory blank 	Resumes at Step 3
3.	At step 5	If the phone number is invalid	<ul style="list-style-type: none"> The AIMS software asks the customer to enter a valid phone number 	Resumes at step 3
4.	At step 5	If the customer chooses to place a rush order	<ul style="list-style-type: none"> Call use case Place rush order 	Resume at step 6

7. Activity diagrams

8. Input data

Table A-Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Do Minh Hieu
2.	Phone number		Yes		0972974295
3.	Province	Choose from a list	Yes		Ha noi
4.	Address		Yes		12,34 Alley of Tran Thai Tong street, Cau Giay district
5.	Shipping instructions		No		

9. Output data

Table B1-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	<ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment 	123,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"> Positive integer Right alignment 	2
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment 	246,000

5.	Subtotal before VAT	Total price of the products in the cart before VAT	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	2,106,000
6.	Subtotal	Total price of the 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			0972974295
12.	Province	Choose from a list		Ha noi
13.	Address			12, 34 Alley of Tran Thai Tong street, Cau Giay district
14.	Shipping instructions			
15.	Place rush order	Expected delivery time interval if customer choose to place rush order. Default “No”		8:30 am – 12:00 am

Table B2-Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		CD Em ve tinh khoi
2.	Price	Price of the corresponding media product	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	120,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"> • Positive integer • Right alignment 	2
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"> • Positive integer • Right alignment 	240,000
5.	Subtotal before VAT	Total price of the products in the cart before VAT	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	2,106,000
6.	Subtotal	Total price of the products in the cart with VAT		2,316,600
7.	Currency			VND

10. Postconditions

The logs have been updated accordingly