

Use Case “Place rush Order”

1. Use case code

UC003

2. Brief Description

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

3. Actors

3.1 AIMS software

3.2 Customer

4. Preconditions

The precondition of this use case is that there is an active network connection to the Internet.

5. Basic Flow of Events

Step 1. The customer requests to place an order on the view cart screen

Step 2. The AIMS software checks the availability of products in the cart

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

Step 4. The customer chooses the delivery method.

Step 5. The AIMS software checks for fast delivery and updates the results.

Step 6. The customer enters and submits delivery information

Step 7. The AIMS software checks the validity of delivery information

Step 8. The AIMS software calculates shipping fees

Step 9. The AIMS software displays the invoice

Step 10. The customer confirms to place order

Step 11. The AIMS software calls UC “Pay order”

Step 12. The AIMS software save order

Step 13. The AIMS software makes the cart empty

Step 14. The AIMS software displays the successful order notification.

6. Alternative flows

Table 1 - Alternative flow of events for UC “Place rush Order”

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	<ul style="list-style-type: none"> ▪ The AIMS software asks the customer to update the cart. ▪ The customer updates the cart. 	Resumes at Step 2
2.	At Step 7	If a mandatory field is left blank	<ul style="list-style-type: none"> ▪ The AIMS software asks the customer to fill all the mandatory 	Resumes at Step 3
3.	At Step 7	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

7. Input data

Table 2 - Input data of delivery information

No	Data fields	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		No		

8. Output data

Table 3 - 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	<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 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 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			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 4 - Output data of displaying cart

No	Data fields	Description	Display fomate	Example
1.	Title	Title of a media product		DVD Phim Vượt ngục
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"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment 	240,000
5.	Subtotal Before VAT	Total price of 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 products in the cart with VAT		2,316,600
7.	Currency			VND

9. Postconditions

The postcondition of this use case is that "the logs have been updated accordingly" in the case of a failure condition.