

Use Case “PLACE ORDER WITH RUSH ORDER”

1. Use case code

UC003

2. Brief Description

This use case describes the interaction between the software and the customer when the customer wants to place an order with rush order.

3. Actors

3.1 Customer

4. Preconditions

Customer must be in their working session; the cart is not empty, and the customer's information is valid.

5. Basic Flow of Events

1. Customer requests to place rush order
2. AIMS software checks whether the delivery address supports this service and the eligibility of the products.
3. AIMS software displays the form of additional information (See table 1) and rerequests customer to complete.
4. Customer completes the form of additional information and submit the form.
5. AIMS processes, calculates, and displays the order and shipping fees. (See table 2)
6. Customer asks to pay order.
7. AIMS calls the UC002 – “Pay Order”
8. The AIMS software makes the cart empty
9. The AIMS software sends email about the order notification and information
10. The AIMS software displays the successful order notification, the order and the transaction information (see Table 3).

6. Alternative flows

Table A-Alternative flows of events for UC “Place Order”

No	Location	Condition	Action	Resume location
1.	At Step 2	If the no products are not available or address is not eligible for rush order	<ul style="list-style-type: none">▪ The AIMS software notifies that the the products in the cart are not available or address is not supported and stay at the use case “View cart”	Use case ends

2.	At any Step	If the customer chooses other order methods	<ul style="list-style-type: none"> AIMS returns to use case “Place Order” 	Use case ends
3.	At Step 6	If the order payment is not successful or goes back from payment	<ul style="list-style-type: none"> 	At Step 3

7. Input data

Table 1-Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver name		Yes		Do Minh Hieu
2.	Phone number		Yes	10 digits	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		
6.	Delivery time	Rush delivery time	No		

8. Output data

Table 2-Output data of order information and shipping fee

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD ‘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	Total amount of all products in the order		2,316,000

6.	Shipping fee			30,000
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Table 3-Output data of general information of order and transaction info

No	Data fields	Description	Display format	Example
1.	Customer name			Do Minh Hieu
2.	Phone number			0987654321
3.	Province			Hanoi
4.	Address			12, 34 Alley of Tran Thai Tong Street, Cau Giay district
5.	Total amount		Right alignment Vietnamese currency (VNĐ) Vietnamese locale	1.200.000 VNĐ
6.	Rush delivery time			
7.	Delivery instruction			
8.	Transaction ID			
9.	Transaction content			
10.	Transaction date		dd/mm/yyyy	05/10/2023

9. Postconditions

A new order is created, and its information is sent via email to the customer or nothing happens if payment is not successful.