

Use case “Place rush order”

1. User case code

UC003

2. Brief Description

This use case describes the interaction between customer and AIMS software when the customer wants to place a rush order

3. Actors

The customer

4. Preconditions

5. Basic Flow of Events

Step 1. the AIMS software displays the cart

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

Step 3. the customer requests to place order

Step 4. the AIMS software prompts for the user the delivery information

Step 5. the customer enters, chooses received time and submits delivery information

Step 6. the customer requests to place a rush order

Step 7. the AIMS software checks the delivery information provides all fields needed

Step 8. the AIMS software checks if there is media that supports rush order and if the shipping address supports rush order

Step 9. the AIMS software prompts for the user the rush delivery information

Step 10. the AIMS software calculates shipping fees

Step 11. the AIMS software displays the invoice

Step 12. the customer confirms to place order

Step 13. the AIMS software calls UC “Pay order”

Step 14. the AIMS software creates a new order

Step 15. the AIMS software displays the successful order notification

6. Alternative flows

No	Location	Condition	Action	Resume location
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1.	Step 3	If there is media of which quantity in the stock is less than the ordered quantity	- Software asks customer to update the cart - Customer updates the cart	Step 1
2	At step 7	If the mandatory inputs left empty	Software asks the customer to fill all the mandatory blank	At step 4
3	At step 7	If the phone number is not valid	Software asks the customer to enter a valid phone	At step 4
4.	Step 9	If there is media that does not support the customer's address	Software asks customer to update the delivery information	Step 4

7. Input data

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver		Yes		Phan Kim Hai
2.	Phone number		Yes		0367365090
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		123 Dai Co Viet, Ha Ba Trung district
5.	Shipping instructions		No		
6.	Expected delivery time interval		Yes		15h-18h

8. Output data

No	Data fields	Description	Display format	Example
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1.	Title	Title of a media product		DVD The Lord of the Rings: The Fellowship of the Ring
2.	Price	Price of the corresponding media	- Comma for thousands - Positive integer - Right alignment	120,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	3
4.	Amount	Total money of the corresponding	- Comma for thousands - Positive integer - Right alignment	360,000
5.	Subtotal before VAT	Total price of products in the cart before VAT	- Comma for thousands Separator	1,000,000
6	Subtotal	Total price of products in the cart with VAT	- Positive integer - Right alignment	1,100,000
7	Shipping fees			30,000
8	Total	Sum of subtotal and shipping fees		1,130,000
9.	Currency			VND
10.	Name			Phan Kim Hai
11.	Phone number			0367365090
12.	Province	Choose from a list		Hanoi
13.	Address			123 Dai Co Viet, Ha Ba Trung district
14.	Shipping instructions			

9. Postconditions