

Use case “Place rush order”

1. Use case code: UC003

2. Brief descriptions:

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

3. Actors:

3.1. Customer

3.2. AIMS software

4. Preconditions:

- The customer needs to review the cart and select the products they want to purchase.
- There is at least one item in the cart.

5. Basic flow of events:

1. Customer requests to place rush orders.
2. AIMS software check delivery address and eligible products.
3. AIMS software requests additional delivery information and calculates and displays order and shipping fees.
4. Customer asks to pay order.
5. AIMS software calls use case “Pay Order”.
6. AIMS software creates a new order.
7. AIMS software makes the cart empty.
8. AIMS software sends email about the order notification and information.
9. AIMS software displays the successful notification, the order and the transaction information.

6. Alternative flows:

No	Location	Condition	Action	Resume location
1	Step 2	If no products are eligible or delivery address doesn't support rush order delivery	AIMS software prompts the customer to update delivery information or delivery method	Use case end

7. Input data

No	Data fields	Descriptions	Mandatory	Valid condition	Example
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1	Receiver name		Yes		Name
2	Phone number		Yes		Number
3	Province	Choose from a list	Yes		Province
4	Address		Yes		Address
5	Shipping instructions		No		

8. Output data

No	Data fields	Descriptions	Display format	Example
1	Title	Title of a media product		Product_name
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 product	- Positive integer - Right alignment	2
4	Amount	Total money of the corresponding media product	- Comma for thousands separator - Positive integer - Right alignment	123,000
5	Subtotal before VAT	Total price of products in the cart before VAT	- Comma for thousands separator - Positive integer - Right alignment	123,000
6	Subtotal	Total price of products in the cart with VAT		123,000
7	Shipping fees			123,000
8	Total	Sum of subtotal and shipping fees		123,000
9	Currency			VND
10	Name			Name
11	Phone number			Number
12	Province			Province
13	Address			Address
14	Shipping instructions			
15	Transaction ID			

16	Transaction content			
17	Transaction date		dd/mm/yy	

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.