

Use Case “PLACE ORDER”

1. Use case code

UC003

2. Brief description

This use case describes the interaction between the customer and the AIMS software when the customer wishes to select the rush order delivery option when placing an order.

3. Actors:

3.1 Customer – Initiates the order and provides necessary details for delivery.

4. Preconditions:

- The customer’s delivery address must be within eligible districts of Hanoi for rush order delivery.

5. Basic Flow of Events:

1. System verifies if delivery address and products are eligible for expedited shipping.
2. System requests additional expedited shipping information from customer.
3. **Place Order** use case continues.

6. Alternative Flows:

Table 1: Alternative flow of events in use case "Place Order"

No	Location	Condition	Action	Resume location
1	At step 1	Selected products or delivery address ineligible for expedited shipping.	1. System informs customer that expedited shipping is unavailable for some or all items. 2. Customer revises delivery information or product selection.	Step 1

7. Input Data:

Table 2: Input data of delivery information

No.	Data Fields	Description	Mandatory	Valid Condition	Example
1	Recipient Name	Name of the person receiving order	Yes	Non-empty	Viet Anh
2	Email	Customer's email address	Yes	Valid email format	vietanh@gmail.com
3	Phone Number	Contact number for delivery	Yes	Valid phone number	0123456789
4	Province/City	Delivery location	Yes	Selected from predefined list	Hanoi
5	Delivery Address	Street address for delivery	Yes	Non empty	123 Main St
6	Credit Card Details	Payment information	Yes	Valid card information as per VNPay requirements	N/A
7.	Delivery Time	Time of delivery	Yes	Valid date time format	"Sun Sep 22 2024 23:37:27 GMT+0700 (Indochina Time)"
8.	Delivery Instructions	Instructions for delivery	No	Text	"Put the package in front of the door"

8. Output Data:

9. Post conditions:

- The selected products or delivery address are eligible for rush order delivery.