

Use case “Place Rush Order”

1. Use case code

UC002

2. Brief Description

This use case describes the interaction between Customer and AIMS System when Customer wishes to place an rush order with the confirmed items.

3. Actors

- Customer

4. Preconditions

- Customer has already selected products
- Customer has completed the delivery information

5. Basic Flow of Events

- Step 1: Customer selects rush order delivery
- Step 2 : The AIMS software verifies whether addresses are located within the inner city of Hanoi or not
- Step 3 : The AIMS software checks product eligibility
- Step 4 : The AIMS software prompts the customer to update the delivery information or delivery method (See Table 1)
- Step 5 : Customer completes all procedure that software request
- Step 6: The AIMS software recalculates the delivery fees and updates the corresponding invoice (See Table 2)
- Step 7: The customer proceeds to Step 8 – Use Case “Place Order”

6. Alternative flows

No	Location	Condition	Action	Resume location
1	At step 2	If address does not support rush order	AIMS Software notifies and requests customer to update address	Resume at step 1
2	At step 3	If no product is eligible for rush delivery	AIMS Software notifies the and requests customer to update cart	Resume at step 5

7. Input data

Table 1

No	Data fields	Description	Mandatory	Valid condition	Example
1	Delivery Time	Time for delivery follow format “dd/mm/yyyy hh:mm”	Yes	hh from 6 to 22 mm from 0 to 59 dd/mm/yyyy must be valid date	20/03/2024 17:30
2	Delivery note	String	Yes	String with minimum length of 5 characters	Ship to my company

8. Output data

Table 2

No	Data fields	Description	Display format	Example
1	Product Name	Name of product	String	Book

2	Rush delivery availability	Check whether rush delivery is eligible or not	True if rush delivery is eligible or False otherwise	False
3	Price of products		Positive number denominated in VND with “,” delimiter	100,000 VND
4	Fee for rush delivery	If rush delivery is eligible, determine fee for rush delivery	0 if rush delivery is unavailable, otherwise Positive number denominated in VND with “,” delimiter	0 50,000 VND
5	Fee for normal delivery	If rush delivery is ineligible, determine fee for normal delivery	0 if rush delivery is available, otherwise Positive number denominated in VND with “,” delimiter	0 40,000 VND
6	Total fee	Total amount for products and delivery	Positive number denominated in VND with “,” delimiter	350,000 VND

9. Postconditions

- AIMS System sends information about rush delivery order to Customer
- Customer can see notice from AIMS System