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
   - AIMS System
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