**Use case “Place Rush Order”**

1. **Use case code**

UC002

1. **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.

1. **Actors**

* Customer

1. **Preconditions**

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

1. **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”

1. **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 |

1. **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 |

1. **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 |

1. **Postconditions**

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