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.