**Use Case “Place rush order”**

**1. Use case code**

UC003

**2. Brief Description**

This use case describes the interaction between customer and AIMS software when the customer wishes to place a rush order.

**3. Actors**

3.1. Customer

3.2. AIMS software

**4. Preconditions**

The AIMS software has displayed the form of delivery information .

**5. Basic Flow of Events**

Step 1. The customer requests to place a rush order on delivery form

Step 2. The AIMS software checks if there is media and the shipping address that are supported to place rush order.

Step 3. The AIMS software displays the screen for rush order

Step 4. The customer updates rush order information

Step 5. The AIMS software checks the validity of rush order information

Step 6. The AIMS software saves the information

Step 7. The AIMS software changes the formula to calculate the shipping fees

**6. Alternative flows**

*Table 1-Alternative flows of events for UC “Place rush order”*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Location | Condition | Action | Resume location |
| 1. | At step 2 | If there is no support either from any media or shipping address | -The AIMS software notifies and asks the customer to update the delivery information.  - The customer updates the delivery information | Resumes at step 1 |
| 2. | At step 5 | If the input is invalid | The AIMS software asks the customer to update the input | Resumes at Step 3 |

**7. Input data**

*Table 2-Input data of delivery information*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Data fields | Description | Mandatory | Valid condition | Example |
| 1. | Receiver Name |  | Yes |  | LE THANH MAI |
| 2. | Phone number |  | Yes |  | 0912345789 |
| 3. | Province | Choose from a list | Yes |  | Ha Noi |
| 4. | Address |  | Yes |  | 12 Le Thanh Nghi street, Hai Ba Trung district |
| 5. | Place rush order | Can choose to place rush order or not | Yes |  | Yes |
| 6. | Shipping instructions |  | No |  |  |

*Table 3-Input data of information for rush order*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Data fields | Description | Mandatory | Valid condition | Example |
| 1. | Order time | The time when the customer wants the store to ship the goods | Yes |  | 10:00 am |
| 2. | Delivery type | Đ.vị giao hàng | Yes |  | GHTK |

**8. Output data**

**Table 4- Output of notifyError for rush order**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Data fields | Description | Mandatory | Valid condition | Example |
| 1. | Unsupported media(s) | List name of unsupported media | Yes |  | DVD Conan |
| 2. | Unsupported shipping address |  | Yes |  | Must in HaNoi |

**9. Postconditions**

- The logs have been updated accordingly.