**Use Case “Pay order”**

1. **Use case code**

UC005

1. **Brief Description**

This usecase describes the interaction between customers and AIMS software when the customer wishes to place order.

1. **Actors**
   1. Customer
2. **Preconditions**

The precondition of this use case is that there must be products in the cart.

1. **Basic Flow of Events**
   1. The customer request to place order in the view cart screen
   2. The AIMS software checks the availability of products in the cart
   3. The AIMS software displays the form of delivery information
   4. The customer enters and submits delivery information
   5. The AIMS software check the validity of delivery information
   6. The AIMS software calculates shipping fees
   7. The AIMS software displays the invoice
   8. The customer confirms to place order
   9. The AIMS software calls UC “Pay order”
   10. The AIMS software save order
   11. The AIMS software makes the cart empty
   12. The AIMS software displays the successful order notification.
2. **Alternative flows**

Table N-Alternative flows of events for UC Place order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Alternative flow** | **Resume location** |
|  | At Step 5.2 | If there is media of which quantity in the stock is less than the ordered quantity | * The AIMS software asks the customer to update the cart * The customer updates the cart. | Resumes at Step 5.2 |
|  | At Step 5.5 | If a mandatory field is left bank | * The AIMS software asks the customer to fill all the mandatory blank | Resumes at Step 5.3 |
|  | At Step 5.5 | If the phone number is invalid | * The AIMS software asks the customer to enter a valid phone number. | Resumes at Step 5.3 |

1. **Input data**

Table A-Input data of …

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
|  | Receiver Name |  | YES |  | Duong Van Bach |
|  | Phone number |  | YES |  | 113 |
|  | Province | Choose from a list | YES |  | HaNoi |
|  | Address |  | YES |  | Than xuan |
|  | Shipping instructions |  | NO |  |  |

1. **Output data**

**8.1. The output data of displaying in voice**

***Table B-Output data of …***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
|  | **Title** | **Title of media product** |  | **DVD Phim vuot nguc** |
|  | **Price** | **Price of the correponding media product** | **Comma for thousands separator**  **Positive integer**  **Right alignment** | **123,00** |
|  | **Quantity** | **Quantity of the corresponding** | **Positive integer**  **Right alignment** | **2** |
|  | **Amount** | **Total money of the corresponding media** | **Comma for thousands separator**  **Positive integer** | **246,000** |
|  | **Subtotal Before VAT** | **Total price of products in the cart before VAT** |  |  |
|  | **Subtotal** | **Total price of products in the cart with VAT** |  |  |
|  | **Shipping fees** |  |  |  |
|  | **Total** | **Sum of sub total and shipping fees** |  | **2,345,000** |
|  | **Currency** |  |  | **VND** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10 | Receiver Name |  |  | Duong Van Bach |
| 11 | Phone number |  |  | 113 |
| 12 | Province | Choose from a list |  | HaNoi |
| 13 | Address |  |  | 13 Nguyen trai |
| 14 | Shipping íntructions |  |  |  |

**8.2 The output data of displaying cart**

**Table

Description automatically generated**

**Table

Description automatically generated**

1. **Activity diagram**

Diagram

Description automatically generated