**Use Case “Place Order”**

1. **Use case code**

UC00X

1. **Brief Description**

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

1. **Actors**
   1. User
   2. AIMS software
2. **Preconditions**

Customer complete add product to cart and wish to place a order

1. **Basic Flow of Events**

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

1. **Alternative flows**

Table N-Alternative flows of events for UC Place rush order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
|  | At Step 2 | If the products in cart is not available | The AIMS software notifies that the products is not available and ask if customer want to remove that products | Resumes at Step 1 |
|  | At Step 5 | The AIMS software notifies that information has wrong format | The AIMS software notifies that the information is not correct | Resumes at Step 4 |

1. **Input data**

Table A-Input data of events for UC Place rush order

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
|  | Receiver  Name |  | Yes | Not include special character | Nguyen Viet Thanh Long |
|  | Phone  Number |  | Yes | Number, valid length for each country | 20184140123 |
|  | Province |  | Yes |  | Ha Noi |
|  | Address |  | Yes |  | Bach Khoa |
|  | Shipping  instructions |  | No |  | None |
|  | Zip Code |  | Yes | Number | 20000 |

1. **Output data**

Table B-Output data of events for UC Place rush order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
|  | The order shipping information |  | Text | Name: …  Phone number:…  Shipping  Instructions:…. |

1. **Postconditions**

None

Diagram, timeline

Description automatically generated