**Use Case “Place Order”**

1. **Use case code**

UC002

1. **Brief Description**

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

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

There is an active network connection to the Internet.

1. **Basic Flow of Events**

1. The customer views the cart.

2. The AIMS software checks the availability of products in the cart

3. The AIMS software displays the cart

4. The customer requests to place order

5. The AIMS software displays the form of delivery information

6. The customer enters and submits delivery information

7. The AIMS software calculates shipping fees

8. The AIMS software displays the invoice

9. The customer confirms to place order

10. The AIMS software calls UC “Pay order”

11. The AIMS software creates a new order

12. The AIMS software makes the cart empty

13. The AIMS software displays the successful order notification.

1. **Alternative flows**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
| 1. | At 3 | 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. | At 2 |
| 2. | At 7 | If the balance is not enough | The AIMS software asks the customer to fill all the mandatory blank | At 5 |
| 3. | At 7 | If the delivery information is invalid | The AIMS software asks the customer to enter valid delivery information | At 5 |

1. **Input data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
| 1. | Card holder name |  | Yes |  | Nguyen Van A |
| 2. | Card number |  | Yes |  | 23141352 |
| 3. | Exploratory date |  | Yes | Include month and last 2 digits of year only | 02/23 |
| 4. | Security code |  | Yes |  | 1231234 |

1. **Output data**

The output data when displaying the invoice or the cart is shown in the following tables (the rows with green shading are repeated for all media products in the cart/invoice).

1. **Postconditions**

The logs have been updated accordingly