

## USE CASE "PLACE ORDER"

### 1. Use case code UC005

### 2. Brief Description

This use case describes the interaction between Customer, and AISM when the customer wishes to place an order.

### 3. Actors

a) Customers

### 4. Preconditions

When user log in with customer role.

### 5. Basic flow of events

Step 1: The customer views the cart

Step 2: The AIMS software checks the availability of products in the cart

Step 3: The AIMS software displays the cart

Step 4: The customer requests to place order

Step 5: The AIMS software displays the form of delivery information

Step 6: The customer enters and submits delivery information

Step 7: The AIMS software calculates shipping fees

Step 8: The AIMS software displays the invoice

Step 9: The customer confirms to place order

Step 10: The AIMS software calls UC "Pay order"

Step 11: The AIMS software creates a new order

Step 12: The AIMS software makes the cart empty

Step 13: The AIMS software displays the successful order notification

### 6. Alternative flows

| No | Location  | Condition  | Action   | Resume location   |
|----|-----------|--|--|-------------------|
| 1  | At Step 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.<br>- The customer updates the cart | Resumes at Step 2 |
| 2  | At Step 7 | If a mandatory field is left blank   | - The AIMS software asks the customer to fill all the mandatory blank                        | Resumes at Step 1 |
| 3  | At Step 7 | If the phone number is invalid   | - The AIMS software asks the customer to enter a valid phone number                          | Resumes at Step 5 |

## 7. Input data

| No | Data fields           | Description        | Mandatory | Valid condition           | Example               |
|----|-----------------------|--------------------|-----------|---------------------------|-----------------------|
| 1  | Receiver Name         |                    | Yes       |                           | VU                    |
| 2  | Phone number          |                    | Yes       | 10 characters only number | 0123456789            |
| 3  | Province              | Choose from a list | Yes       |                           | Vinh Phuc             |
| 4  | Address               |                    | Yes       |                           | Vinh Tuong, Vinh Phuc |
| 5  | Shipping instructions |                    | No        |                           |                       |

## 8. Output data

| No | Data fields           | Description                                    | Display format   | Example               |
|----|-----------------------|--|--|-----------------------|
| 1  | Title                 | Title of a media a product                     |  | DVD Fifty Shades      |
| 2  | Price                 | Price of the corresponding media product       | - Comma for thousands separator<br>- Positive integer<br>- Right alignment | 100,000               |
| 3  | Quantity              | Quantity of the corresponding media            | - Positive integer<br>- Right alignment                                    | 2                     |
| 4  | Amount                | Total money of the corresponding media         | - Comma for thosands separator<br>- Positive integer<br>- Right alignment  | 150,000               |
| 5  | Subtotal Before VAT   | Total price of products in the cart before VAT | - Comma for thousands separator<br>- Positive integer<br>- Right alignment | 1,000,000             |
| 6  | Subtotal              | Total price of products in the cart with VAT   |  | 1,100,000             |
| 7  | Shipping fees         |  |  | 30,000                |
| 8  | Total                 | Sum of subtotal and shipping fees              |  | 2,230,000             |
| 9  | Currency              |  |  | VND                   |
| 10 | Name                  |  |  | Vu                    |
| 11 | Phone number          |  | 10 characters only number  | 0123456789            |
| 12 | Province              | Choose from a list                             |  | Vinh Phuc             |
| 13 | Address               |  |  | Vinh Tuong, Vinh Phuc |
| 14 | Shipping instructions |  |  |                       |

