

Use case “Place Rush Order”

1. Use case code

- UC0003

2. Brief Description

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

3. Actors

- Customer

4. Preconditions

- Customer’s cart is not empty.

5. 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 rush 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.

6. Alternative flows

Table A-Alternative flows of events for UC Place order

| 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 | <ul style="list-style-type: none">▪ The AIMS software asks the customer to update the cart.▪ The customer updates the cart. | At step 2 |
| 2 | At step 7 | If a mandatory field is left blank | <ul style="list-style-type: none">▪ The AIMS software asks the customer to fill all the mandatory blank | At step 5 |

| | | | | |
|---|-----------|--------------------------------|---|-----------|
| 3 | At step 7 | If the phone number is invalid | <ul style="list-style-type: none"> The AIMS software asks the customer to enter a valid phone number | At step 5 |
|---|-----------|--------------------------------|---|-----------|

7. Input data

Table B-Input data of delivery information

| No | Data fields | Description | Mandatory | Valid condition | Example |
|----|-----------------------|--------------------|-----------|--|---|
| 1 | Receiver Name | | Yes | | Vuong Van An |
| 2 | Phone Number | | Yes | | 0976412509 |
| 3 | Province | Choose from a list | Yes | | Ha Noi |
| 4 | Delivery instructions | | No | | 20 Le Thanh Nghi, Hai Ba Trung district |
| 5 | Address | | Yes | | |
| 6 | Delivery Date | | Yes | Consist of month and last 2 digits of year only. | 05/20 |

8. Output data

Table C-Output data of displaying invoice

| No | Data fields | Description | Display format | Example |
|----|-------------|--|--|--------------------|
| 1 | Title | Title of a media product | | DVD Phim Vượt ngục |
| 2 | Price | Price of the corresponding media product | <ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment | 123,000 |

| | | | | |
|----|-----------------------|--|--|-------------------------------|
| 3 | Quantity | Quantity of the corresponding media | <ul style="list-style-type: none"> Positive integer Right alignment | 2 |
| 4 | Amount | Total money of the corresponding media | <ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment | 246,000 |
| 5 | Subtotal before VAT | Total price of products in the cart before VAT | <ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment | 2,106,000 |
| 6 | Subtotal | Total price of products in the cart with VAT | | 2,316,600 |
| 7 | Shipping fees | | | 30,000 |
| 8 | Total | Sum of subtotal and shipping fees | | 2,346,600 |
| 9 | Currency | | | VND |
| 10 | Name | | | Do Minh Hieu |
| 11 | Phone number | | | 0978654321 |
| 12 | Province | Choose from a list | | Hanoi |
| 13 | Address | | | 83 Duy Tan, Cau Giay district |
| 14 | Shipping instructions | | | |
| 15 | Delivery date | | | 5/10/2020 |

Table D-Output data of displaying cart

| No | Data fields | Description | Display format | Example |
|----|-------------|--|--|----------------------------------|
| 1 | Title | Title of a media product | | CD Em về tỉnh khôì – Hà Anh Tuấn |
| 2 | Price | Price of the corresponding media product | <ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment | 123,000 |

| | | | | |
|---|---------------------|--|--|-----------|
| 3 | Quantity | Quantity of the corresponding media | <ul style="list-style-type: none"> ▪ Positive integer ▪ Right alignment | 2 |
| 4 | Amount | Total money of the corresponding media | <ul style="list-style-type: none"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment | 246,000 |
| 5 | Subtotal before VAT | Total price of products in the cart before VAT | <ul style="list-style-type: none"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment | 2,106,000 |
| 6 | Subtotal | Total price of products in the cart with VAT | | 2,316,600 |
| 7 | Shipping fees | | | 30,000 |

9. Postconditions