

## Use Case: Place Rush Order

### 1. Use case code

UC003

### 2. Brief Description

This use case expanded to use case **Place Order**. Placing rush order allows the customer to receive the goods at a scheduled time.

### 3. Actors:

3.1. Customer

### 4. Precondition

1. The customer submits the delivery form

### 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 request to place **rush** 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 check whether the address is supported by place rush order

Step 8: The AIMS software displays the products that are supported by place rush order

Step 9: The customer selects the product to place rush order and set time for shipping scheduled time.

Step 10: The customer submits the form for place rush order

Step 11: The AIMS software calculates shipping fees

Step 12: The AIMS software displays the invoice

Step 13: The customer confirms to place order

Step 14: The AIMS software calls UC "Pay Order"

Step 15: The AIMS software creates a new order

Step 16: The AIMS software makes the cart empty

Step 17: The AIMS software displays the successful order notification

## 6. Alternative flows

*Table N-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	- The AIMS software asks the customer to update the cart. - The customer updates the cart	At step 2
2	At Step 7	If address is not supported by place rush order	- The AIMS software notifies to the customer	At step 3
3	At Step 8	If there are not exist products that are supported by place rush order	- The AIMS software notifies to the customer	At step 3
2	At Step 6	If a mandatory field is left blank	The AIMS software asks the customer to fill all the mandatory blank.	At Step 5
3	At Step 6	If the phone number is invalid	The AIMS software asks the customer to enter a valid phone number.	At Step 5

## 7. Input data

*Table 1 - Input data of delivery information*

No	Data fields	Description	Mandatory	Valid condition	Examples
1	Receiver Name		Yes		HO ANH
2	Phone Number		Yes	Consist of 10 digits	0123456789
3	Province	Choose from a list	Yes		Hanoi
4	Address		Yes		B1, SOICT, HUST
5	Shipping instructions		No		

*Table 2 - Input data of displaying invoice*

No	Data fields	Description	Mandatory	Valid condition	Examples
1	Title	Title of a media product	Yes		DVD Phim vượt ngục
2	Price	Price of the corresponding media product	Yes		120,000
3	Quantity	Quantity of the corresponding medi	Yes		5
4	Amount	Total money of the corresponding media	Yes		600,000
5	Place rush order	For address are supported by rush order, if you want to place rush order the product	No		Yes/No

**Note:** The rows with green shading are repeated for all media products in the cart/invoice

## 8. Output data

*Table 1 - Output data of displaying invoice*

No	Data fields	Description	Display format	Examples
1	Title	Title of a media product		DVD Phim vượt ngục
2	Price	Price of the corresponding media product	- Comma for thousands separator - Positive integer - Right alignment	120,000
3	Quantity	Quantity of the corresponding medi	- Positive integer - Right alignment	5
4	Amount	Total money of the corresponding media	- Comma for thousands separator - Positive integer - Right alignment	600,000
5	Subtotal Before VAT	Total price of products in the	- Comma for thousands separator	1,000,000

		cart before VAT	- Positive integer - Right alignment	
6	Subtotal	Total price of products in the cart before VAT		1,100,000
7	Shipping fees			50,000
8	Total	Sum of subtotal and shipping fees		1,150,000
9	Currency			VND
10	Name			HO ANH
11	Phone number			0123456789
12	Province	Choose from a list		Hanoi
13	Address			B1, SOICT, HUST
14	Shipping instructions			

*Table 2 - Output data of displaying cart*

No	Data fields	Description	Display format	Examples
1	Title	Title of a media product		DVD Phim vượt ngục
2	Price	Price of the corresponding media product	- Comma for thousands separator - Positive integer - Right alignment	120,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	5
4	Amount	Total money of the corresponding media	- Comma for thousands separator - Positive integer - Right alignment	600,000
5	Subtotal Before VAT	Total price of products in the cart before VAT		1,000,000

6	Subtotal	Total price of products in the cart before VAT	- Comma for thousands separator - Positive integer - Right alignment	1,100,000
7	Currency			VND

**Note:** The rows with green shading are repeated for all media products in the cart/invoice

## 9. Postconditions