

Use Case Place rush order

1. Use case code

UC00X

2. Brief Description

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

3. Actors

3.1 Customer

4. Preconditions

There must be product in the cart.

5. Basic Flow of Events

- 5.1 The customer request to place order in the view cart screen(see table 3)
- 5.2 The AIMS software checks the availability of products in the cart
- 5.3 The AIMS software displays the form of delivery information
- 5.4 The customer choose place rush order and submits delivery information(see table 1)
- 5.5 The AIMS software check validity of delivery information
- 5.6 The AIMS software calculates shipping fees
- 5.7 The AIMS software displays the invoice(see table 2)
- 5.8 The customer confirms to place rush order
- 5.9 The AIMS software calls UC"pay order"
- 5.10 The AIMS software saves order
- 5.11 The AIMS software makes the cart empty
- 5.12 The AIMS software displays the successful order notification

6. Alternative flows

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

No	Location	Condition	Action	Resume location
1.	At Step 5.3	If there is media of which quantity in the stock is less than the	▪ The AIMS software asks the customer to update the cart	Resumes at Step 5.2

		ordered quantity	<ul style="list-style-type: none"> The customer updates the cart. 	
2.	At Step 5.5	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. 	Resumes at Step 5.3
3.	At Step 5.5	If the phone number is invalid	<ul style="list-style-type: none"> The AIMS software asks the customer to enter a valid phone number. 	Resumes at Step 5.3
4.	At Step 5.5	If address is not supported	<ul style="list-style-type: none"> The AIMS software asks the customer to enter a address. 	Resumes at Step 5.3

7. Input data

Table 1-Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Tran Hoang Viet
2.	Phone Number		Yes		0911452146
3.	Province	Choose from a list	Yes		Ha Tinh
4.	Address		Yes		04,Nguyen Bieu Street,TP Ha Tinh
5.	Shipping instructions		No		
6.	Delivery time	Choose from calendar	Yes		15/06/2000

8. Output data

Table 2-Output data of displaying invoice

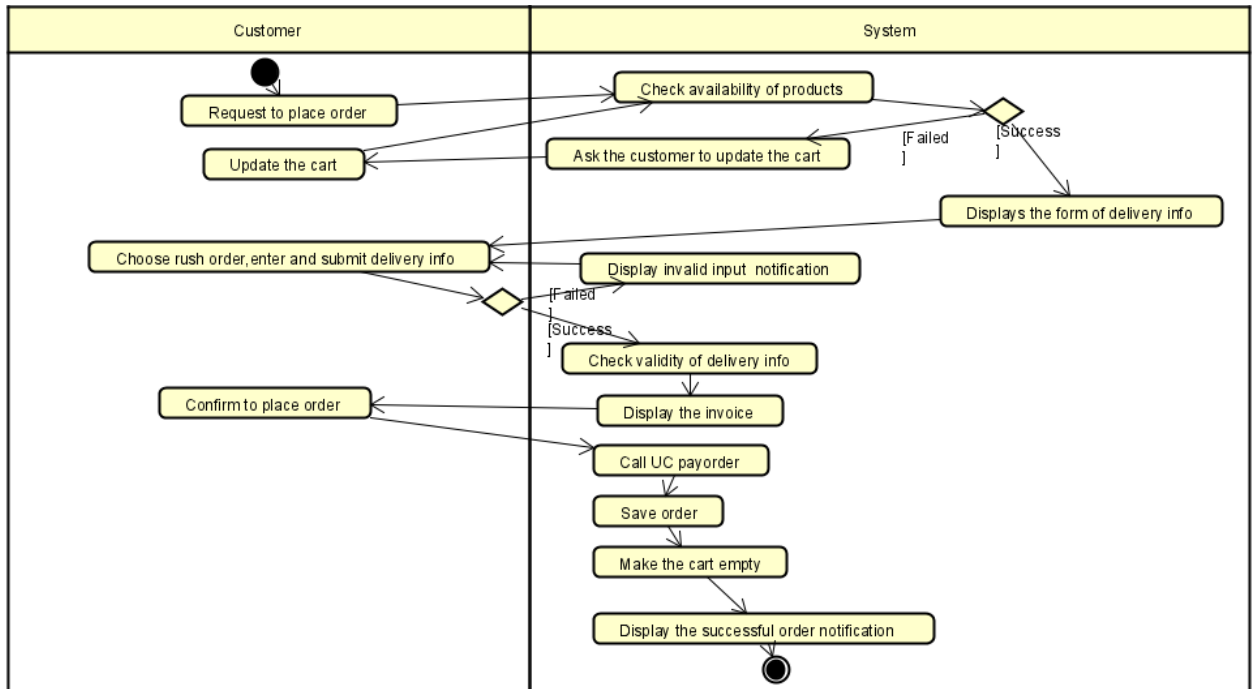
No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Vượt ngục
2.	Price	Price of the corresponding media product	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	123,000
3.	Quantity	Quantity of the corresponding 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			Tran Hoang Viet
11.	Phone number			09114521146
12.	Province	Choose from a list		Hanoi
13.	Address			12, 34 Alley of Tran Thai Tong street, Cau Giay district

Table 3-Output data of displaying cart

No	Data fields	Description	Display format	Example
1	Title	Title of a media product		CD Em về tình khôi – Hà Trần
2	Price	Price of the corresponding media product	<ul style="list-style-type: none"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment 	120,000
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"> ▪ Positive Integer ▪ Right alignment 	240,000
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 after VAT		2,316,600
7	Currency			VND

9. Postconditions

10. Activity diagram



11. ...