

Use Case “Place Rush Order”

1. Use case code

UC003

2. Brief Description

The use case describes the interaction between customers and AIMS software when the customer wishes to place a rush order.

3. Actors

Customer

4. Preconditions

- There is an active network connection to the Internet
- Customer must add selected products to the cart (cart is not empty)
- Customers decide to place a rush order

5. Basic Flow of Events

Step 1. Customer chooses to place a rush order

Step 2. Software displays the screen for rush order, allowing the customer to fill in.

Step 3. Customer enters and submits the delivery form

Step 4. Software validates customer’s delivery input

Step 5. Software checks if there is media and the shipping address that are supported to place rush order

Step 6. Software changes the formula to calculate shipping fees

Step 7. Continue to calculate shipping fees step

6. Alternative flows

Table 1: Alternative flows of events for UC Place rush order

No	Location	Condition	Action	Resume location
1.	At Step 4	A mandatory field is left blank or there exists invalid input	<ul style="list-style-type: none">• The AIMS software asks the customer to enter input again• The customer updates the input data and submit again	Resumes at Step 2
2.	At Step 4	If there is no support either from any media or the shipping address	<ul style="list-style-type: none">• The AIMS software notifies the customer the un-support media/address• Software asks the customer to update delivery information	Resumes at Step 2

3.	At Step 5	Only some products in the order support rush order	<ul style="list-style-type: none"> Supported products will be delivered together to the delivery address for the rush order 	Resume at Step 6
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7. Input data

Table 2: Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes	Not contains special characters	Hoang Van Tien
2.	Phone Number		Yes	Only accept digit and form 10-11 characters	0953267345
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		12 Dai Co Viet Road, Hai Ba Trung District
5.	Shipping instructions		No		Second floor, room 12A
6.	Expected delivery time interval	Choose from a list			5 hours

8. Output data

Table 3: Output data of displaying invoice for rush order

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Hai Phụng
2.	Price	Price of the corresponding media Product	<ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment 	99,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"> Positive integer Right alignment 	3
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"> Comma for thousands separator Positive integer Right alignment 	297
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 	1,098,000
6.	Subtotal	Total price of products in the cart with VAT		1,230,000
7.	Shipping fees			30,000

8.	Total	Sum of subtotal and shipping fees		1,260,000
9.	Currency			VND
10.	Name			Hoang Van Tien
11.	Phone number			0852250816
12.	Province	Choose from a list		Hanoi
13.	Address			12 Dai Co Viet Road, Hai Ba Trung District
14.	Shipping instructions			Second floor, room 12A
15.	Expected delivery time interval	Choose from a list		5 hours

9. Postcondition

The logs have been updated accordingly.