

Use Case “Place order with Place Rush Orde ”

1. Use case code

UC00

2. Brief Description

This use case describes the interaction between Customer and AIMS when Customer wish to place an order and choose place rush order.

3. Actors

3.1. Customer

4. Pre-conditions

Customer choose place rush order

5. Basic Flow of Events

- Step1. The customer requests to place an order on the view cart screen
- Step2. The AIMS software checks the availability of products in the cart
- Step 3. The AIMS software displays the form of delivery information
- Step 4. The customer enters and submits delivery information
- Step 5. The AIMS software checks the validity of delivery information
- Step 6. The customer choose place rush order
- Step7. AIMS checks if support rush order
- Step8. AIMS displays rush order form
- Step9. Customer updates rush order information
- Step10. AIMS validates inputs
- Step11. AIMS updates formula for calculate shipping fees
- Step 12. The AIMS software calculates shipping fees
- Step 13. The AIMS software displays the invoice
- Step 14. The customer confirms to place order
- Step 15. The AIMS software calls UC “Pay order”
- Step 16. The AIMS software save order
- Step 17. The AIMS software makes the cart empty
- Step 18. The AIMS software displays the successful order notification.

6. Alternative flows

Table 1 - Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
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1.	Step 2	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.	Step 2
2.	Step 5	If a mandatory field is left blank	- The AIMS software asks the customer to fill all the mandatory blank.	Step 3
4.	Step 5	If the phone number is invalid	- The AIMS software asks the customer to enter a valid phone number.	Step 3
5.	Step 7	If the media or shipping location are not supported	- Notifies media or shipping location are not available for rush order - customer update delivery information	End UC
6.	Step 10	If invalid information	- The AIMS software asks the customer to enter valid info	Resumes at Step 9

7. Input data

Table 2 - Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver name		Yes		Tran The Thinh
2.	Phone number		Yes		0333333333
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		12, 34 Alley of Tran Thai Tong street, Cau Giay district
5.	Shipping instruction		No		

8. Output data

Table 3 - Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		CD em ve tinh khoi - Ha Tran
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	2
4.	Amount	Total money of the corresponding media	- Positive integer - Right alignment	240,000
5.	Subtotal before VAT	Total price of products in the cart before VAT	- 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

Table 4 - Output data of displaying invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Vuot Nguc
2.	Price	Price of the corresponding media product	- Comma for thousands separator - Positive integer	123,000

			- Right alignment	
3.	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	2
4.	Amount	Total money of the corresponding media	- Positive integer - Right alignment	246,000
5.	Subtotal before VAT	Total price of products in the cart before VAT	- 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.	Shipping fees			30,000
8.	Total	Sum of subtotal and shipping fees		2,346,600
9.	Currency			VND
10.	Name			Tran The Thinh
11.	Phone number			0333333333
12.	Province	Choose from a list		Hanoi
13.	Address			12, 34 Alley of Tran Thai Tong Street Cau Giay district
14.	Shipping instructions			