Use Case "Place Rush Order"

1. Use case code

UC003

2. Brief Description

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

3. Actors

3.1. Customer

3.2. AIMS software

4. Preconditions

There is an active network connection to the Internet.

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 requests to place order

Step 5. The AIMS software displays the form of delivery information

Step 6. The customer enters and submits delivery information which has the option "Place Rush Order"

Step 7. The AIMS software checks whether it is possible to place rush order to the shipping address.

Step 8. The AIMS software calculates shipping fees for 2 types of orders which are rush order and normal order.

Step 9. The AIMS software displays the invoice

Step 10. The customer confirms to place order

Step 11. The AIMS software calls UC "Pay order"

Step 12. The AIMS software creates a new order

Step 13. The AIMS software makes the cart empty

Step 14. The AIMS software displays the successful order notification

6. Alternative flows

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 a mandatory field is left blank	• 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	• The AIMS software asks the customer to enter a valid phone number	At Step 5

7. Input data

No	Data fields	Description	Example	Valid condition
1.	Receiver name	Yes	Tran Le Hiep	
2.	Phone number	Yes	0933202719	
3.	Province	Choose from a list	Yes	Hanoi

				132 Truong Dinh, Hoang Mai, Ha Noi	
4.	Address	Yes		132 Truong Dinh, Hoang Mai, Ha Noi	
5.	Shipping instructions	Yes			
6.	Rush order option	Yes	Yes/No		

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	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	299,000
3.	Quantity	Quantity of the corresponding media	▪ Positive integer ▪ Right alignment	2
4.	Amount	Total money of the corresponding media	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	926,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	3,293,000
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	

No	Data fields	Description	Display format	Example
9.	Currency	VND		
10.	Name	Do Minh Hieu		
11.	Phone number	0933212918		
12.	Province	Choose from a list	Hanoi	
13.	Address	Activity Diagram - Place order with Place rush order		
14.	Shipping instructions			

Table 3-Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product	CD Em về tinh khôi – Hà Trần	
2.	Price	Price of the corresponding media product	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	920,000
3.	Quantity	Quantity of the corresponding media	▪ Positive integer ▪ Right alignment	2
4.	Amount	Total money of the corresponding media	▪ Positive Integer ▪ Right alignment	377,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	7,182,000
6.	Subtotal	Total price of products in the cart after VAT	7,199,000	
7.	Currency			VND

9. Post-conditions

The logs have been updated accordingly in the case of failure condition.