Use case "Place rush order"

1. User case code
UC003

2. Brief Description
This use case describes the interaction between customer and AIMS software when the customer wants to place a rush order

3. Actors
The customer

4. Preconditions

5. Basic Flow of Events
Step 1. the AIMS software displays the cart

Step 2. the customer requests to place order

Step 3. the AIMS software checks the availability of items in the cart

Step 4. the AIMS software asks user to fill the delivery information

Step 5. the customer enters, chooses received time and submits delivery information

Step 6. the customer requests to place a rush order

Step 7. the AIMS software checks the delivery information provides all fields needed

Step 8. the AIMS software checks if there is media that supports rush order and if the shipping address supports rush order

Step 9. the AIMS software asks user the rush delivery information

Step 10. the AIMS software calculates shipping fees

Step 11. the AIMS software displays the invoice

Step 12. the customer confirms to place order

Step 13. the AIMS software calls UC "Pay order"

Step 14. the AIMS software creates and saves a new order

Step 15. the AIMS software displays the successful order

6. Alternative flows

No	Location	Condition	Action	Resume location

1.	Step 3	If there is media of which quantity in the stock is less than the ordered quantity	- Software asks customer to update the cart - Customer updates the cart	Step 1
2	Step 7	If the mandatory inputs left empty	Software asks the customer to fill all the mandatory blank	Step 4
3	Step 7	If the phone number is not valid	Software asks the customer to enter a valid phone	Step 4
4.	Step 9	If there is media that does not support the customer's address	Software asks customer to update the delivery information	Step 4

7. Input data

Table 1- Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Do Minh Hieu
2.	Phone number		Yes		0987654321
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		12, 34 Alley of Tran Thai Tong street, Cau Giay district
5.	Shipping instructions		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	- Comma for thousands - Positive integer - Right alignment	123,000
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	2
4.	Amount	Total money of the corresponding	- Comma for thousands - 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 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			Do Minh Hieu
11.	Phone number			0987654321
12.	Province	Choose from a list		Hanoi
13.	Address			12, 34 Alley of Tran Thai Tong street, Cau Giay district
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 - 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	- Comma for thousands - 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 with VAT		2,316,600
9.	Currency			VND

9. Postconditions