Use Case "Place Rush Order"

1. Use case code
UC003

2. Brief Description
This use case describes the interaction between Customer and AIMS software when the customer wishes to place order to pay order at a scheduled time.

3. Actors
3.1 Customer

4. Preconditions
There is an active network connection to the Internet.

5. Basic Flow of Events
1. The customer views the cart.
2. The AIMS software checks the availability of products in the cart
3. The AIMS software displays the cart
4. The customer requests to place order
5. The AIMS software displays the form of delivery information
6. The customer enters and submits delivery information
7. The AIMS software displays options for rush order
8. The customer chooses products for rush order and scheduled time.
9. The AIMS software calculates shipping fees
10. The AIMS software displays the invoice
11. The customer confirms to place order
12. The AIMS software calls UC "Pay order"
13. The AIMS software creates a new order
14. The AIMS software makes the cart empty
15. The AIMS software displays the successful order notification.

6. Alternative flows

No	Location	Condition	Action	Resume location
1.	At 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 2
2.	At 7	If the delivery information is invalid	The AIMS software asks the customer to enter valid delivery information	At 5
3.	At 7	If the mandatory field is left blank	The AIMS software asks the customer to fill all the mandatory blank	
4.	At 9	If the time is invalid	The AIMS software asks the customer to enter valid time	At 7

7. Input data

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes		Nguyen Van A
2.	Card number		Yes		23141352
3.	Exploratory date		Yes	Include month and last 2 digits of year only	02/23
4.	Security code		Yes		1231234
5.	Scheduled time		No	Include date	23/05/23

8. Output data

The output data when displaying the invoice or the cart is shown in the following tables (the rows with green shading are repeated for all media products in the cart/invoice).

Displaying invoice:

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Vượt ngục
2.	Price	Price ofthe corresponding media product	+ Commafor thousands separator + Positive integer + Right alignment	123,000
3.	Quantity	Quantity of the corresponding media	+ Positive integer + Right alignment	2
4.	Amount	Total moneyof the corresponding media	+ Commafor thousands separator + Positive integer + Right alignment	246,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	+ Commaforthousands separator + Positive integer + Right alignment	2,106,000
6.	Subtotal	Total price of products in the cart with VAT	+ Commaforthousands separator + Positive integer + Right alignment	2,316,600
7.	Shipping fees	30,000	+ Commaforthousands	30,000

No	Data fields	Description	Display format	Example
			separator + Positive integer + Right alignment	
8.	Total	Sum of subtotal and shipping fees	+ Commaforthousands separator + Positive integer + Right alignment	2,346,600
9.	Currency			VND
10.	Name			Do Minh Hieu
11.	Phone number			0987654321
12.	Province		Choose from a list	Ha Noi
13.	Address			12,34 Alley of Tran Thai Tong street, Cau Giay district
14.	Shipping instructions			

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	+ Commafor thousands separator + Positive integer + Rightalignment	120,000
3.	Quantity	Quantity of the corresponding media	+ Positive integer + Right alignment	2
4.	Amount	Total money of the corresponding media	+ PositiveInteger + Right alignment	240,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	+ Commafor 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

The logs have been updated accordingly