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 AIMS software

3.2 Customer

4. Preconditions

The precondition of this use case is that there is an active network connection to the Internet.

5. Basic Flow of Events

Step 1. The customer enters and submits delivery information.

Step 2. The AIMS software checks the validity of delivery information.

Step 3. The AIMS software checks the product for fast delivery and updates the results.

Step 4. The AIMS software requires users to fill out a rush delivery information form.

Step 5. The customer enters and submits rush delivery information.

Step 6. The AIMS software calculates shipping fees.

6. Alternative flows

Table 1 - Alternative flow of events for UC "Place rush Order"

No	Location	Condition	Action	Resume location
1.	At Step 2	If a mandatory field is left bank	▪ The AIMS software asks the customer to fill all the mandatory	Resumes at Step 1
2.	At Step 2	If the phone number is invalid	▪ The AIMS software asks the customer to enter a valid phone number	Resumes at Step 1
3.	At Step 3	If there is no product support fast delivery	▪ The system asks the customer to update the delivery information	Resumes at Step 1

7. Input data

Table 2 - 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.	Procinve	Choose from a list	Yes		Hanoi
4.	Address		Yes		12, 34 Alley of Tran Thai Tong street, Cau Giay district
5.	Shipping instructions		No		

Table 3 - Input data of rush delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Time		Yes		08:30 20/10/2022

8. Output data

Table 4 - Output data of displaying invoice

No	Data fields	Description	Display fomat	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	123,000
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	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 5 - Output data of displaying cart

No	Data fields	Description	Display fomat	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	120,000
3.	Quantity	Quantity of the corresponding media	▪ Positive integer ▪ Right alignment	2
4.	Amount	Total moneyof the corresponding media	▪ Commafor thousands separator ▪ Positive integer	240,000

			▪ Right alignment	
5.	Subtotal Before VAT	Total price of products in the cart before VAT	▪ Commaforthousands separator	2,106,000
6.	Subtotal	Total price of products in the cart with VAT	▪ Positive integer ▪ Right alignment	2,316,600
7.	Currency			VND

9. Postconditions

The postcondition of this use case is that "the logs have been updated accordingly" in the case of a failure condition.