Use Case Place order

1. Use case code
UC00X

2. Brief Description
This use case describes the interaction between customers and AIMS software when the customer wished to place order.

3. Actors
3.1   Customer

4. Preconditions
There must be products in the cart.

5. Basic Flow of Events
5.1   The customer request to place order in the view cart screen(see table 3)

5.2   The AIMS software checks the availability of products in the cart

5.3   The AIMS software displays the form of delivery information

5.4   The customer enters and submits delivery information(see table 1)

5.5   The AIMS software check validity of delivery information

5.6   The AIMS software calculates shipping fees

5.7   The AIMS software displays the invoice(see table 2)

5.8   The customer confirms to place oder

5.9   The AIMS software calls UC"pay order"

5.10   The AIMS software saves order

5.11   The AIMS software makes the cart empty

5.12   The AIMS software displays the successful order notification

6. Alternative flows

Table N-Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
1.	At Step 5.3	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.	Resumes at Step 5.2

No		Description			Resumes
2.	At Step 5.5	If a mandatory field is left bank	▪	The AIMS software asks the customer to fill all the mandatory blank.	Resumes at Step 5.3
3.	At Step 5.5	If the phone number is invalid	▪	The AIMS software asks the customer to enter a valid phone number.	Resumes at Step 5.3
4.			▪		

7. Input data

Table 1-Input data of delivery infomation

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Tran Hoang Viet
2.	Phone Number		Yes		0911452146
3.	Province	Choose from a list	Yes		Ha Tinh
4.	Address		Yes		04,Nguyen Bieu Street,TP Ha Tinh
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		DVD Phim Vượt ngục

		product		
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		2,106,000
6.	Subtotal	Total price of products in the cart with VAT	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	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 Hoang Viet
11.	Phone number			09114521146
12.	Province	Choose from a list		Hanoi
13.	Address			12, 34 Alley of Tran Thai Tong street, Cau Giay district

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	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	2,106,000
6	Subtotal	Total price of products in the cart after VAT	• Positive integer • Right alignment	2,316,600
7	Currency			VND

9. Postconditions

10. Activity diagram