Use Case "Place Order"

1. **Use case code**
   UC002

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

3. **Actors**
   3.1 Customer

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

5. **Basic Flow of Events**
   1. The customer request to place order in the view cart screen
   2. The AIMS software checks the availability of products in the cart
   3. The AIM software displays the form for delivery information
   4. The customer enters and submits delivery information
   5. The AIMS software check the validity of delivery information
   6. The AIMS software calculates shipping fees
   7. The AIMS software displays the invoice
   8. The customer confirms to place order
   9. The AIMS software calls UC "Pay Order"
   10. The AIMS software save order
   11. The AIMS software makes the cart empty
   12. The AIMS software displays the successful order notification

6. **Alternative flows**

Table 1 - Alternative flow of events for UC Place Order

No	Location	Condition	Action	Resume location
1.	At Step 2	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 5	If a mandatory field is left blank	● The AIMS software asks the customer to fill all the mandatory blank	At Step 3
3.	At Step 5	If the phone number is invalid	● The AIMS software asks the customer to enter a valid phone number	At Step 3

7. Input data

Table 2 - Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver name		Yes		TVT
2.	Phone number		Yes	Includes 10 numbers	012345678
3.	Province	Choose from a list	Yes		Ha Noi
4.	Address		Yes		81 Kim Hoa
5.	Shipping instructions		No		

8. Output data

Table 3 - Output data of displaying invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim
2.	Price	Price of the corresponding media product	• Comma for thousands separator • Positive integer	123,000
3.	Quantity	Quantity of the corresponding media	• Positive integer	2
4.	Amount	Total money of the corresponding media	• Comma for thousands separator • Positive integer	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		2,316,600
7.	Shipping fees			30,000
8.	Total			2,346,600
9.	Currency			VND
10.	Name			TVT
11.	Phone number			0123456789
12.	Province	Choose from a list		Ha Noi

No	Data fields	Description	Display format	Example
13.	Address			81 Kim Hoa
14.	Shipping instructions			

Table 4 - Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim
2.	Price	Price of the corresponding media product	• Comma for thousands separator • Positive integer	123,000
3.	Quantity	Quantity of the corresponding media	• Positive integer	2
4.	Amount	Total money of the corresponding media	• Comma for thousands separator • Positive integer	240,000
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		2,316,600
7.	Currency			VND

9. Postconditions

In the case of failure condition the logs have been updated accordingly