

# Use Case “Place Order”

## 1. Use case code

UC001

## 2. Brief Description

This use case describes the interaction between Customer and AIMS System when Customer wants to place order.

## 3. Actors

### 3.1. Customer

## 4. Preconditions

## 5. Basic Flow of Events

Step 1. The customer views the cart.

Step 2. The AIMS software checks the availability of products in the cart

Step 3. The AIMS software displays the cart

Step 4. The customer requests to place order

Step 5. The AIMS software displays the form of delivery information

Step 6. The customer enters and submits delivery information

Step 7. The AIMS software calculates shipping fees

Step 8. The AIMS software displays the invoice

Step 9. The customer confirms to place order

Step 10. The AIMS software calls UC “Pay order”

Step 11. The AIMS software creates a new order

Step 12. The AIMS software makes the cart empty

Step 13. The AIMS software displays the successful order notification.

## 6. Alternative flows

*Table 1-Alternative flows of events for UC Place Order*

No	Location	Condition	Action	Resume Location
1.	Step 2	If the amount of product in storage is not enough.	The AIMS software notifies that the product amount is not enough.	Step 1
2.	Step 6	If some information is missing.	The AIMS software notifies that some information is missing.	Step 6

## 7. Input data

*Table 2-Input data of Place Order*

N o	Data fields	Description	Mandator y	Valid conditio n	Example
1.	Receiver name		Yes		Vu Quang Truong
2.	Phone number		Yes		121321214
3.	Province	Choose from a list	Yes		Hung Yen
4.	Address		Yes		1 <sup>st</sup> Dong Thanh,

					Quang Trung, Hung Yen
5.	Shipping instructions		No		

## 8. Output data

*Table 3-Output data of Place Order*

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Harry Porter
2.	Price	Price of the corresponding media product	Comma for thousands separator Positive integer Right alignment	100,000
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	200,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	Comma for thousands separator	2,000,000

<b>6.</b>	Subtotal	Total price of products in the cart with VAT	Positive integer Right alignment 1,116,000 3,143,000	2,200,000
<b>7.</b>	Shipping fees			25,000
<b>8.</b>	Total	Sum of subtotal and shipping fees		2,225,000
<b>9.</b>	Currency			VND
<b>10.</b>	Name			Vu Quang Truong
<b>11.</b>	Phone number			0988888888
<b>12.</b>	Province	Choose from a list		Hung yen
<b>13.</b>	Address			1 <sup>st</sup> , Dong Thanh, Quang Trung, Hung Yen
<b>14.</b>	Shipping Instruction			Giao sau 8h sáng

## 9. Postconditions