

3.1 Specification of Use case UC001 - “Place Order”

1. Use case code

UC001

2. Brief Description

UC “Place Order” describes the interaction between customers and AIMS software when the customer wishes to place order

3. Actors

- User

4. Preconditions

No

5. Basic Flow of Events

1. The customer requests to place order in the cart
2. The AIMS software checks the availability of products in the cart
3. The AIMS software displays the form of delivery information
4. The customer enters and submits delivery information
5. The AIMS software calculates shipping fees
6. The AIMS software displays the invoice
7. The customer confirms to place order
8. The AIMS software calls UC “Pay order”
9. The AIMS software creates a new order
10. The AIMS software makes the cart empty
11. The AIMS software sends email about the order notification and information
12. The AIMS software displays successful order notification and the order information

6. Alternative flows

Table Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
1.	Step 2	If product is not available	▪ Notifies users then navigate them to “View Cart”	End

2.	Step 4	If the delivery info is invalid	▪ notifies that the delivery info is invalid (blank or wrong format	Step 3
3.	Step 4	If the user chooses to place a rush order	▪ Navigate user to UC003	Step 5
4.	Step 8	If the order payment is not successful	▪ notifies that the payment is not successful	Step 7

7. Input data

Table Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Bui Hoang Tu
2.	Phone Number		Yes	10 digits	0987 654 321
3.	Province	Choose from list	Yes		Hanoi
4.	Address		Yes		12/18 Dai Co Viet street, Hai Ba Trung district
5.	Shipping instructions		No		Drive in for about 100m

8. Output data

Table B-Output data of displaying invoice

The first 4 rows are repeated for each product

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim A
2.	Price	Price of the	• Dot for	10.000

		corresponding media product	thousands separator <ul style="list-style-type: none"> • Right alignment 	
3.	Quantity	Quantity of the corresponding media	Right alignment	3
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"> • Dot for thousands separator • Right alignment 	100.000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	<ul style="list-style-type: none"> • Dot for thousands separator • Right alignment 	1.000.000
6.	Subtotal	Total price of products in the cart with VAT		1.100.00
7.	Shipping fees			37.000
8.	Total	Sum of subtotal and shipping fees		1.137.00
9.	Currency			VND
10.	Name			Bui Hoang Tu
11.	Phone number			0987654321
12.	Province			Hanoi
13.	Address			12/18 Dai Co Viet street, Hai Ba Trung district
14.	Shipping instructions			Drive in for about 100m