

Use case “Place order”

1. Use case code

UC001

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

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

No	Location	Condition	Action	Resume location
1.	At step 3	If there is media of which quantity in the stock is less than the ordered quantity	- Software asks customer to update the cart - Customer updates the cart	Resumes at step 2
2.	At step 7	If a mandatory field is left blank	Software asks the customer to fill all the mandatory blank	Resumes at step 5
3.	At step 7	If the phone number is invalid	Software asks the customer to enter a valid phone	Resumes at step 5
4.	At step 4	If the customer wants to place a rush order	- Invokes “place rush order” use case	End of use case

7. Input data

Input data of delivery information:

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver	Name of the receiver	Yes		Le Van Cuong
2.	Phone number	Phone number of the receiver	Yes	Valid phone number	0123456789
3.	Province	Choose from a list	Yes		Hanoi
4.	Address	Address of the receiver	Yes	Contain a number	40 Ta Quang Buu Street, Hai Ba Trung district
5.	Shipping instructions	More shipping information: building, floor, room, ...	No		

8. Output data

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		Harry Potter: The complete 8-Film Collection [DVD]

2.	Price	Price of the corresponding media	- Comma for thousands - Positive integer - Right alignment	\$39.99
3	Quantity	Quantity of the corresponding media	- Positive integer - Right alignment	2
4.	Amount	Total money of the corresponding	- Comma for thousands - Positive integer - Right alignment	\$79.98
5.	Subtotal before VAT	Total price of products in the cart before VAT	- Comma for thousands Separator - Positive integer - Right alignment	
6	Subtotal	Total price of products in the cart with VAT		
7	Shipping fees			
8	Total	Sum of subtotal and shipping fees		
9.	Currency			
10.	Name	Name of the receiver		
11.	Phone number	Phone number of the receiver		
12.	Province	Choose from a list		
13.	Address	Address of the receiver		
14.	Shipping instructions	More shipping information: building, floor, room, ...		

9. Postcondition