1.1 *Specification of Use case UC002 – "Place Order"*

1. Use case code

UC002

2. Brief Description

The **User** place order of the chosen item or the item in cart

3. Actors: Customer

4. Preconditions

There is an active network connection to the Internet.

There is at least one product in cart.

5. Basic Flow of Events

1. The customer requests to place order in the cart
2. The AIMS software display a captcha to confirm the user is human
3. The customer do the captcha test
4. The AIMS software checks the availability of products in the cart
5. The AIMS software displays the form of delivery information
6. The customer enters and submits delivery information
7. The customer choose to use the rush order or not.
8. The AIMS software have the customer fill in the shipments information and time, note.
9. The AIMS software calculates shipping fees
10. The AIMS software displays the invoice
11. The customer confirms to place order
12. The AIMS software calls UC "Pay order"
13. The AIMS software creates a new order
14. The AIMS software makes the cart empty
15. The AIMS software sends email about the order notification and information
16. The AIMS software displays the successful order notification and the order information

6. Alternative flows

Table N-Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location

1.	At Step 4	If the customers failed to do the captcha test	▪ The AIMS software notifies that the captcha test failed and display another Captcha test	Resumes at Step 2
2.	At Step 5	If the products are not available	▪ The AIMS software notifies that the products in the cart are not available and come back to the use case "View cart"	Use case ends
3.	At step 7	If the delivery info is invalid	▪ The AIMS software notifies that the delivery info is invalid	At step 5
4.	At step 8	If the user chooses to place a rush order but none of the products support "Rush order" function	▪ The AIMS software notifies that none of the products support "Rush order" function.	At step 7
5.	At step 8	If the user chooses to place a rush order but the location of delivery support "Rush order" function	▪ The AIMS software notifies that none of the location of delivery not support the "Rush Order" function	At step 7
6.	At step 9	If the rush order information is not valid	▪ The AIMS software notifies that the rush order information is invalid.	At step 8
7.	At step 13	If the order payment is not successful	▪ The AIMS software notifies that the payment is not successful	At step 12

7. Input data

Table A-Input data of UC Place order

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver name		Yes	All letter is in CAPITAL. Maximum of 30 characters.	NGUYEN HUU VIET
2.	Phone number		Yes	10 digits	0896124268
3.	Province	Choose from a list	Yes		Hải Phòng
4.	Address		Yes	Maximum of 50 character.	Số 1, Kim Đồng
5.	Shipping instructions		No	Maximum of 50 character.	Nhẹ tay, hàng dễ vỡ
6.	Time arrival	Choose from datepick	No	Not earlier than the time fill the form	

8. Output data

Table B-Output data of UC Place order

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		
2.	Price	Price of the corresponding media products	▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment	123,000
3.	Quantity	Quantity of the corresponding media	▪ Positive integer ▪ Right alignment	2
4.	Amoount	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