Use Case "Place order"

Use case ID	UC001	Name of use case		Place order
Actor	Customer			
Brief Description	This use case describes the interaction between a customer and AIMS when the customer wants to place an order.			
Pre-condition	The customer has products in the cart.			

Basic flow (Complete)				

Step	Done by	Action
1	Customer	Checks cart
2	AIMS	Checks the availability of the products in the cart
3	AIMS	Displays cart and delivery information
4	Customer	Requests order
5	AIMS	Displays delivery information form
6	Customer	Fills and confirms the delivery information
7	AIMS	Calculates shipping fee and displays receipt
8	Customer	Confirms the order
9	AIMS	Calls UC002 "Pay order"
10	AIMS	Displays the order information
11	AIMS	Sends all order and transaction information to the customer's email
12	AIMS	Notifies successful order

Alternative flow

No	Step	Condition	Action	Continue step
1	3	Insufficient quantity of product in stock	AIMS shows notification of insufficient quantity of product in stock and requests customer to update the cart. Customer updates cart.	2
2	6	Customer selects rush	AIMS checks the product for rush order delivery.	8

| | | | order delivery | Goes to UC003 "Place rush order" if any product supports rush order delivery. Otherwise, the process returns to step 6. | |
| | 6 | 7 | Missing or invalid information | Requests customer to re-enter and update the information | 5 |

Post-condition	None

Input data specification

Table 1 – Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1	Customer name		Yes		DINH VIET QUANG
2	Phone number		Yes	10-digit number	0123456789
3	Province	Choose from list	Yes		Ha Noi
4	Address		Yes		No 1, Dai Co Viet street, Hai Ba Trung district
5	Time		Yes		12:00, 01/01/2024
6	Shpping instructions		No		Weekdays delivery

Output data specification

Table 2 - Output data of order information and shipping fee

No	Data fields	Description	Display format	Example
1	Title	Title of a media product		"MTP" DVD
2	Price	Price of the corresponding product	- Positive integer - Separate thousands by commas - Right-aligned	100,000
3	Quantity	Quantity of products		5
4	Amount	Total price of the corresponding product		500,000
5	Subtotal before VAT	Total price in the cart before VAT		500,000
6	Subtotal	Total price in the cart including VAT		550,000
7	Shipping fee			40,000

Table 3 - Output data of general information of order and transaction info

No	Data fields	Description	Display format	Example
1	Customer name			DINH VIET QUANG
2	Phone number			0123456789
3	Province	Choose from list		Ha Noi
4	Address			No 1, Dai Co Viet street, Hai Ba Trung district
5	Total price	Sum of subtotal and shipping fees	Right aligned Vietnamese currency(VND) Vietnamese locate	590,000
6	Transaction ID			12345621
7	Transaction content			Hello 123
8	Transaction date		dd/mm/yyyy	01/01/2024