

Use Case “Pay order”

Use case ID	UC002	Name of use case		Pay order	
Actor	Customer, VNPay				
Brief Description	This use case describes the interaction between the customer, VNPay and AIMS when the customer wants to make a payment				
Pre-condition	AIMS has calculated the total price to be paid				
Basic flow (Complete)					
	Step	Done by	Action		
	1	AIMS	Displays the payment screen		
	2	Customer	Enters card information and confirms transaction		
	3	AIMS	Requests VNPay to process the transaction		
	4	VNPay	Processes the transaction		
	5	AIMS	Records the transaction information		
Alternative flow	No	Location	Condition	Action	Resume location
	1	At step 5	Invalid information	Notifies the invalid information	1
	2	At step 5	Insufficient payment value	Notifies the insufficient payment value	1
Post-condition	None				

Input data

Table 1 – Input data of purchasing information

No	Data fields	Description	Mandatory	Valid condition	Example
1	Card owner		Yes		DINH VIET QUANG
2	Card number		Yes		09123232134132
3	Expiry		Yes	mm/yy	12/23
4	PIN code		Yes		246891

Output data

Table 2 - Output data of invoice

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
8	Total price	Sum of subtotal and shipping fees		590,000
9	Currency	Vietnamese currency		VND
10	Customer name			DINH VIET QUANG
11	Phone number			0123456789
12	Province	Choose from list		Ha Noi
13	Address			No 1, Dai Co Viet street, Hai Ba Trung district
14	Transaction date			01/01/2024
15	Shpping instructions			Weekdays delivery