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		Nguyen Viet Tien
2	Card number		Yes		09123232134132
3	Expiry		Yes	Month, two last digits of year	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		Anti-social t-shirt
2	Price	Price of the corresponding product	- Positive integer - Separate thousands by commas - Rightaligned	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			Nguyen Viet Tien
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