

Use Case “Pay Order”

1. Use case code

UC002

2. Brief Description

This use case describes the interaction between AIMS software and Customer, Product Manager, VNPay when Customer wish(es) to pay an order

3. Actors

3.1 Customer

3.2 Product Manager

3.3 VNPay

4. Preconditions

AIMS software have calculated the payment of the order and customer asked to pay the order.

5. Basic Flow of Events

1. AIMS software displays the invoice (see Table A)
2. Customer asks to pay the invoice
3. AIMS software redirects to VNPay with payment information
4. VNPay notifies the transaction result
5. AIMS software saves the payment transaction

6. Alternative flows

Table 1-Alternative flows of events for UC “Place order”

No	Location	Condition	Action	Resume location
1.	At Step 5	If the customer cancels the order or product manager rejects the order	<ul style="list-style-type: none"> ▪ The payment is refunded through VNPay 	Resumes at Step 1

7. Input data

8. Output data

Table A- Output data of invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product	NONE	DVD Phim Vượt ngục

2.	Price	Price of the corresponding media	- Comma for thousands - Positive integer - Right alignment	123,000
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	246,000
5.	Subtotal before VAT	Total price of products in the cart before VAT	- Comma for thousands Separator - Positive integer - Right alignment	2,106,000
6.	Subtotal	Total price of products in the cart with VAT		2,316,600
7.	Shipping fees	Shipping fees		30,000
8.	Total	Sum of subtotal and shipping fees		2,346,600
9.	Currency	Currency of money	NONE	VND
10.	Name	Customer's name	English letters	Do Minh Hieu
11.	Phone number	Customer's phone number	10 digits	0987654321
12.	Province	Choose from a list	NONE	Hanoi
13.	Address	Customer's address	NONE	12, 34 Alley of Tran Thai Tong street, Cau Giay district
14.	Shipping instructions	Shipping instructions	NONE	Hide information

9. Postconditions