

Use case “Pay order”

1. Use case code

- UC003

2. Brief Description

- This use case describes the interaction between Customer and AIMS System when Customer wishes to pay order before finishing place an order.

3. Actors

- Customer
- AIMS System
- VNPay

4. Preconditions

- Customer has already furnished delivery information(or rush delivery).

5. Basic Flow of Events

- Step 1 : The AIMS software shifts to checkout process (See Table 2)
- Step 2 : The AIMS software redirects to VNPay with payment information
- Step 3 : Customer selects a payment method
- Step 4 : VNPay displays a form for customers to fill out (See Table 1)
- Step 5 : Customer provides the necessary information
- Step 6 : VNPay asks the customer to verify their information and authorize the payment
- Step 7 : Customer confirms the payment
- Step 8 : VNPay notifies the transaction result and redirects to AIMS software
- Step 9 : AIMS software saves the payment transaction

6. Alternative flows

No	Location	Condition	Action	Resume location
1	At step 7	If customer does not confirm payment or they can not afford payment	VNPay redirects to AIMS software	Resume at step 1
2	At step 8	If an issue occurs on the VNPay server	VNPay notify the customer to try again	Resume at step 3

7. Input data

Table 1

No	Data fields	Description	Mandatory	Valid condition	Example
1	Phone number		Yes		0358337038

8. Output data

Table 2

No	Data fields	Description	Display format	Example
1	Product Name	Name of product	String	Book
2	Price	Price of the corresponding media product	Positive number denominated in VND with “,” delimiter	100,000 VND
3	Quantity	Quantity of the corresponding media	Positive integer number	4
4	Amount	Total money of the corresponding media	Positive number denominated in VND with “,” delimiter	750,000 VND

5	Subtotal Before VAT	Total price of products in the cart before VAT	Positive number denominated in VND with “,” delimiter	350,000 VND
6	Subtotal	Total price of products in the cart before VAT	Positive number denominated in VND with “,” delimiter	375,000 VND
7	Shipping fees		Positive number denominated in VND with “,” delimiter	50,000 VND
8	Total	Sum of subtotal and shipping fees	Positive number denominated in VND with “,” delimiter	425,000 VND
9	Name			Nguyễn Đình Hồng Phong
10	Phone number			0358337038
11	Province			Bắc Ninh
12	Address			Khu phố Rích Gạo, Phù Chẩn, Thành phố Từ Sơn, Bắc Ninh
13	Shipping instructions			Ship to my house

9. Postconditions

- Customer's available online balance exceeds the total fees