

Use Case “PAY ORDER”

1. Use case code

UC00X

2. Brief Description

This use case describes the interactions between the AIMS software with the customer and VNPay when the customer desires to pay order.

3. Customers

3.1 Customer 1

3. Preconditions

Because each customer will place orders from his/her cart so the precondition will be the cart is not empty.

3. Basic Flow of Events

1. After customer asks to pay an order, the software displays the invoice. (See in table B)
2. Customer asks to pay the invoice.
3. AIMS software redirects to VNPay with payment information.
4. The software asks customer to provide necessary information and steps as requested by VNPay to successfully complete the transaction.
5. VNPay notifies the transaction result.
6. AIMS software creates notification with the link that the customer can click to see his/her payment.
7. AIMS software returns the homepage and sends a successful payment notification to the customer.
8. AIMS software save the payment.

6. Alternative flows

Table A- The alternative flows of events for UC Pay Order

No	Location	Condition	Action	Resume location
1.	At step 4	If the information are not true or invalid	<ul style="list-style-type: none">The software asks the customer to do exactly what the the system instructs to do.	At step 4
2.	At step 8	If the customer cancel the payment	<ul style="list-style-type: none">The software send the notification of cancel successfully to the customer.	At step 1

7. Input data

Table B-Output data of invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD phim Mai
2.	Price	Price of the corresponding media	<ul style="list-style-type: none">Comma for thousands separatorPositive integerRight alignment	100,000

		Product		
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"> • Positive integer • Right alignment 	6
4.	Amount	Total money of the corresponding Media	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	296,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	1,000,000
6.	Subtotal	Total price of products in the cart with VAT	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	1,200,000
7.	Shipping fees	Delivery fee	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	40,000
8.	Total	Sum of subtotal and shipping fees	<ul style="list-style-type: none"> • Comma for thousands separator • Positive integer • Right alignment 	1,240,000
9.	Currency	Type of value in paymen	<ul style="list-style-type: none"> • Text 	VND
10.	Name	Full name of the customer	<ul style="list-style-type: none"> • Text 	Pham Nhat Minh
11.	Phone number	Phone number to contact with the customer	<ul style="list-style-type: none"> • String of number 	0123456789
12.	Province	Province of the Customer	<ul style="list-style-type: none"> • Text 	Phu Tho
13.	Address	Detail address	<ul style="list-style-type: none"> • Text 	72 Hung Tien, Doan Hung, Phu Tho
14.	Shipping instructions	Provided by the exporter (or agent) to the carrier, containing details of the	<ul style="list-style-type: none"> • Table and Text 	

		cargo to be shipped		
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