

## Use Case “Pay Order”

### 1. Use case code

UC003

### 2. Brief Description

This use case describes the interaction between customer and the AIMS software when the customer wants to pay an order.

### 3. Actors

3.1 Customer

3.2 VNPay

### 4. Preconditions

### 5. Basic Flow of Events

#	Doer	Actions
1	Customer	chooses the payment method.
2	AIMS software	connects to VNPay for further payment by credit cards.
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 N-Alternative flows of events for UC Pay Order

No	Location	Condition	Action	Resume location
1.	At Step 4	If customer does not complete mandatory field(s)	▪ VNPay requires customer to provide the information before proceeding	Resumes at Step 3
2.	At Step 5	If the payment is not successful	▪ VNPay notifies the customer about the failed payment	Resumes at Step 3

3.	At Step 5	If the customer cancels the payment transaction	▪	Resumes at Step 1
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## 7. Input data

**Table A-Input data of payment information**

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card number		Yes	<ul style="list-style-type: none"> <li>16-digit number</li> <li>Valid credit card number</li> </ul>	9704 5356 4413 6232
2.	Expiration date		Yes	MM/YY	08/27
3.	Security code (CVV code)		Yes	3-digit number	123

## 8. Output data

**Table B-Output data of ...**

No	Data fields	Description	Display format	Example
1.				

## 9. Postconditions