

SOFTWARE DESIGN AND CONSTRUCTION

Lab 00: Software Requirement Specification

1. Use Case "Pay Order"

1. Use case code UC009

2. Brief Description

After the customer is sure about the options in the "Place Order" step, the customer will proceed to "Payment" by entering the bank information and additional information.

3. Actors

Actors : Customer, InterBank

4. Preconditions

Need to "Place order" before "Pay order"

5. Basic Flow of Events

Step 1. The AIMS software displays the payment screen

Step 2. The customer enters credit card info and confirm payment transaction

Step 3. The AIMS software asks the Interbank to process the payment transaction

Step 4. The Interbank processes the payment transaction

Step 5. The AIMS software saves the payment transaction

6. Alternative flows

Table N - Alternative flows of events for UC Pay order

No	Location	Condition	Action	Resume
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				location
1	At Step 5	If the card info is invalid	The AIMS software notifies that the card info is valid	At Step 1
2	At Step 5	If the balance is not enough	The AIMS software notifies that the balance is not enough	At Step 1

7. Input data

Table A - Input data of UC Pay order

No	Data Fields	Description	Mandatory	Valid Condition	Example
1	Card holder name		Yes		DO MINH HIEU
2	Card number		Yes		1234567891 234567
3	Expiration date		Yes	Consist of month and last 2 digits of year only	01/23
4	Security code		Yes		123
