3.2 Specification of Use case UC002 - "Pay order"

1. Use case code

UC002

2. Brief Description

This use case describes the interaction between users and the AIMS software and VNPay when the customer wishes to pay his/her order.

3. Actors

1. User
2. VNPay

4. Preconditions

The AIMS software has calculated the total amount of money which the customer has to pay.

5. Basic Flow of Events

1. The AIMS software displays the payment screen
2. The customer enters credit card info and confirms to pay order
3. The AIMS software asks the Interbank to process the payment transaction
4. The Interbank processes the payment transaction
5. The AIMS software saves the payment transaction
6. The AIMS software displays transaction information
7. The AIMS software sends e-mail to the customer

6. Alternative flows

Table N-Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
5.	At Step 3	If the card info is in invalid	▪ The AIMS software notifies that the card info is invalid	At Step 1
6.	At Step 4	If the card info is wrong	▪ The AIMS software notifies that the card info is wrong	At Step 1

7.	At Step 4	If the balance is not enough	▪ The AIMS software notifies that the balance is not enough	At Step 1

7. Input data

Table Input data of credit card information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes	Maximum of 50 characters, all in uppercase	BUI HOANG TU
2.	Card number		Yes	16 digits	0123 4567 8912 3456
3.	Expiration date		Yes	Consist of month and last 2 digits of year only	01/23
4.	Security code		Yes	3 digits	221

8. Output data

Table B-Output data of …

No	Data fields	Description	Display format	Example
1.	Transaction ID			
2.	Card holder name			BUI HOANG TU
3.	Amount	Amount of money has been subtracted from your account	• Right alignment • With Vietnamese currency (VND) • Vietnam locale	12.000VND
4.	Transaction Content			
5.	Balance	New balance after this transaction	• Right alignment • With Vietnamese currency (VND) • Vietnam locale	2.300.123VND
6.	Transaction Date		dd/mm/yyyy	12/08/2002