

Use Case “Pay Order”

1. Use case code

UC002

2. Brief Description

This use case describes the interactions between customer, interbank and AIMS software when customer wishes to pay an order; hence, can place it.

3. Actors

3.1. Customer

3.2. Interbank

4. Preconditions

5. Basic Flow of Events

Step 1. The AIMS software displays the payment screen

Step 2. The customer enters card info and confirm transaction

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

Step 4. The Interbank processes the transaction

Step 5. The AIMS software saves the payment transaction.

6. Alternative flows

Table 1 - Alternative flow of events for UC Pay Order

No	Location	Condition	Action	Resume location
1.	At step 5	If the card number is invalid	_ Respond error to AIMS software _ AIMS software asks customer to re-input card info	Resumes at Step 1
2.	At step 5	If the balance is not enough	_ Respond not enough balance to AIMS _ AIMS software informs customer to add balance or use another card	Resumes at Step 1

7. Input data

Table 2 - Input data of payment form

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes		NGUYEN THAI AN
2.	Card number		Yes	16 digits	1111 2222 3333 4444
3.	Expiration date		Yes	In MM/YY format	11/25
4.	Security code		Yes		123

8. Output data

9. Postconditions