Use Case "Pay Order"

1. **Use case code**

   UC001

2. **Brief Description**

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

3. **Actors**

   3.1 InterBank

   3.2 Customer

   3.3 AIMS software

4. **Preconditions**

   The precondition of this use case is that the AIMS software has calculated the total amount of money that the customer has to pay.

5. **Basic Flow of Events**

   Step 1. The AIMS software displays the payment screen

   Step 2. The customer enters credit card info and confirm to pay order

   Step 3. The AIMS software check if the credit card info is in the correct format

   Step 4. The AIMS software asks the Interbank to pay order

   Step 5. The Interbank processes the payment transaction

   Step 6. The AIMS software saves the payment transaction.

6. **Alternative flows**

   The alternative flows of events of this use case are illustrated in the following table.

No	Location	Condition	Action	Resume location
1.	At Step 4	If the card info has wrong format	The AIMS software notifies that the card info has wrong format	At Step 1

2.	At Step 5	If the card info is invalid	The AIMS software notifies that the card info is valid	At Step 1
3.	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

The input data of patment form is shown as follows

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes		DO MINH HIEU
2.	Card number		Yes		1234 5678 9123 4567
3.	Expiration date		Yes		01/23
4.	Security code		Yes		123

8. Output data

9. Postconditions