# USE CASE "PAY ORDER"

1. **Use case code**
   UC001
2. **Brief Description**
   This use case describes the interaction between 3 components: the AIMS system, the customer and Interbank. The customer wants to pay an order.
3. **Actors**
   3.1.  Customer
   3.2.  Interbank
4. **Preconditions**
   The precondition is that the AIMS software system needs to calculate the total amount of money that 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 confirm to pay an order
   3. The AIMS software validates format of the credit card info.
   4. The AIMS software asks the Interbank to pay an order
   5. The Interbank processes the payment transaction.
   6. The AIMS software saves the payment transaction.
6. **Alternative flows**
   *Table 1-Alternative flows of events for UC Pay order*

| No | Location | Condition | Action | Resume location |
|----|----------|-----------|--------|-----------------|
| 1. | At Step 3 | If the card info has wrong format | The AIMS software notifies that the card info has wrong format | At Step 1 |
| 2. | At Step 3 | If the card info is invalid | The AIMS software notifies that the card info is invalid | 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

*Table 2-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 | | 1234 5678 9123 4567 |
| 3. | Expiration date | | Yes | Consist of month and last 2 digits of year only | 01/23 |
| 4. | Security code | | Yes | | 123 |

## 8. Output data
## 9. Postconditions