**Use Case “Pay order”**

**1. Use case code**

UC001

**2. Brief Description**

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

**3. Actors**

3.1. User

3.2. Administrator

3.3. Interbank

**4. Preconditions**

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**

*Table 1-Alternative flows of events for UC Pay order*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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**

*Table 2-Input data of payment form*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Data fields | Description | Mandatory | Valid condition | Example |
| 1. | Card holder name |  | Yes |  | LE THANH MAI |
| 2. | Card number |  | Yes |  | 0154 1234 4567 8999 |
| 3. | Expiration date |  | Yes | Consist of month and last 2 digits of year only | 01/23 |
| 4. | Security code |  | Yes |  | 123 |

**8. Output data**

None

**9. Postconditions**