**Use Case “Pay Order”**

1. **Use case code**

UC002

1. **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.

1. **Actors**
   1. **Customer**
   2. **Interbank**
2. **Preconditions**
3. **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.

1. **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 |

1. **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 |

1. **Output data**
2. **Postconditions**