# Use case "Pay order"

1. Use case code

   UC002

## 2. Brief description

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

3. Actors

   3.1. Customer

   3.2. Interbank

## 4. Preconditions

The software has calculated the total amount of money which the customer has to pay.

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 S. The AIMS software saves the payment transaction.

## 6. Alternative flows

| | | | | |
|---|---|---|---|---|
| 1. | At step 3 | If the card number is invalid. | - The AIMS software notifies the customer - | Resumes at Step 1 |
| 2. | At Step 5 | If the balance is not enough | - The AIMS software notifies the customer | Resumes at Step 1 |

7. Input data

Input data of card information:

| No | Data fields | Description | Mandatory | Valid condition | Example |
|---|---|---|---|---|---|
| 1. | Card holder name | Name of the card holder | Yes | No special characters | LE ANH DUC |
| 2. | Card number | | Yes | Number only | 000101102 |
| 3. | Expiration date | | Yes | Valid format of date | 15/10/2022 |
| 4. | Security code | | Yes | Correct password | 123456 |

## 8. Output data

| No | Data fields | Description | | Example |
|---|---|---|---|---|
| 1. | Amount | Total money depleted | Positive number | $10.00 |
| 2. | | | | |

## 9. Postcondition