**Use Case “Pay Order”**

1. **Use case code**

UC00X

1. **Brief Description**

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

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

* AIMS software has calculated the total amount of money which the customer has to pay

1. **Basic Flow of Events**

**Steps:**

* 1. The AIMS software display the payment screen.
  2. Customer enters card info, and confirm to pay order. (Table 7.1)
  3. The AIMS software check if the card info is in correct format.
  4. The AIMS software asks the Interbank to pay order.
  5. The Interbank processes the transaction.
  6. The AIMS software saves the payment transaction.
  7. The AIMS software send successful transaction notification to Customer.

1. **Alternative flows**

Alternative flows of events for UC Pay order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Alternative flow** | **Resume location** |
|  | At Step 4 | If the card info has wrong format | * The AIMS software notifies that the card info has wrong format. | At Step 1 |
|  | At Step 5 | If the card info is invalid | * The AIMS software notifies that the card info is invalid | At Step 1 |
|  | At Step 5 | If the balance is not enough | * The AIMS software notifies that the balance is not enough | At Step 1 |

1. **Input data**

Table 7.1-Input data of payment form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
|  | Card holder name |  | Yes |  | TRAN DUC QUAN |
|  | Card number |  | Yes | All is numbers | 1234 5678 8765 4321 |
|  | Expired date |  | Yes | dd/yy form | 12/25 |
|  | CVV number |  | Yes | 3 numbers | 123 |

1. **Output data**

Output data: Nothing to write

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |

1. **Postconditions**

* When the AIMS software send successful transaction notification to Customer.

1. **Activity diagram**

**Diagram

Description automatically generated**