

Use Case: Pay Order

1. Use case code

UC001

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. The precondition of this use case is that the AIMS software has calculated the total amount of money which the customer has to pay. On the other hand, there is no need of specification of output data nor the postcondition.

3. Actors:

3.1. Customers

3.2. Interbank

4. Precondition

The AIMS 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 the credit card info and confirm payment transaction.

Step 3: The AIMS software asks the Interbank to process the payment transaction.

Step 4: The Interbank processes the payment transaction.

Step 5: The AIMS software saves the payment transaction. At the same time, the system sends an email of invoice and transaction info to the customer.

6. Alternative flows

Alternative flows of events for UC Pay order

No	Location	Condition	Action	Resume Location
1	At Step 4	If Interbank system is maintenance	- The AIMS software receives the notification from Interbank and asks customers, change payment method	At Step 1
1	At Step 5	If the card info is invalid	- The AIMS software notifies that the card info is invalid	At step 1

2	At Step 5	If the balance is not enough	- The AIMS software notifies that the balance is not enough	At step 1
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7. Input data

Input data of Pay Order

No	Data fields	Description	Mandatory	Valid condition	Examples
1	Card holder name		Yes		HO ANH
2	Card number		Yes		12345678910
3	Expiration date		Yes	Consist of month and last 2 digits of year only	10/22
4	Security code		Yes	Consist of 3 digits	111

8. Output data

None

9. Postconditions

None