

Use Case “Pay Order”

1. Use case code

UC003

2. Brief Description

This use case describes the interaction between Customer and AIMS System when Customer wants to perform the order payment.

3. Actors

3.1. Customer

3.2. Interbank

4. Preconditions

The Customer has already placed the order.

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 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

6. Alternative flows

Table 1-Alternative flows of events for UC Pay Order

No	Location	Condition	Action	Resume Location
1.	Step 5	If the card info is invalid	The AIMS software notifies that the card info is valid	Step 1
2.	Step 5	If the balance is not enough	The AIMS software notifies that the balance is not enough	Step 1

7. Input data

Table 2-Input data of Pay Order

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes		Vu Quang Truong
2.	Card number		Yes		121321214
3.	Expiration date		Yes	Consist of month and last 2 digits	10/27

				of year only	
4.	Security code		Yes		721341

8. Output data

Table 3-Output data of Pay Order

No	Data fields	Description	Display format	Example
1.	Transaction ID			ME12333
2.	Card holder name			Vu Quang Truong
3.	Amount spent		Comma for thousands separator Positive integer Right alignment	2,111,000
4.	Transaction Description			Mua đơn hàng đồ dùng học tập
5.	Balance		Comma for thousands separator Positive integer Right alignment	4,000,000

6.	Transaction time		hh:mm AM/PM dd/mm/yyyy	10:00 AM 01/02/2022
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9. Postconditions