

1.1 Specification of Use case UC002 – “Pay order”

1. Use case code

UC002

2. Brief Description

This use case describes the interaction between Customer and AIMS, VNPay when Customer wishes to Pay Order , after confirm invoice.

3. Actors

3.1 Customer

3.2 AIMS

3.3 VNPay

4. Preconditions

There is an active network connection to the Internet.

5. Basic Flow of Events

Table 4-Basic flow of events for UC Pay Order

No	Doer	Actions
1.	System	Display payment form
2.	Customer	Enter information transactions, including information cards and content transactions
3.	System	Request VNPay to to process the payment transaction
4.	VNPay	The VNPay processes the payment transaction
5.	System	System saves the payment transaction
6.	System	System displays transaction information

6. Alternative flows

Table 5-Alternative flows of events for UC Pay order

No	Location	Condition	Action	Resume location
-----------	-----------------	------------------	---------------	------------------------

1.	At Step 3	If the card info is invalid	▪ System System notifies that the card info is invalid	Step 1
2.	At Step 5	If the card info is wrong	▪ System notifies that the card info is wrong	Step 1
3.	At Step 5	If the balance is not enough	▪ System notifies that the balance is not enough	Step 1

7. Input data

Table 6-Input data of payment form

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes		ONG THE TUNG
2.	Card number		Yes		120819312904891
3.	Expiration Date		Yes		10/23
4.	Security Code		Yes		1234

8. Output data

Table B-Output data of payment form

No	Data fields	Description	Display format	Example
1.	Transaction ID			
2.	Card holder name			ONG THE TUNG
3.	Amount			3,350,000 VND
4.	Transaction			

	content			
5.	Transaction date		Dd/mm/yy	01/01/2021

9. Postconditions

After successful payment, the system will display the encrypted transaction (transaction ID), cardholder name, amount, transaction content, transaction by date and time.