**Use Case Specification for "Pay Order"**

1. Use Case Code

UC002

2. Brief Description

This use case describes the interactions between AIMS software, the customer, and VNPay when the customer wishes to pay for an order.

3. Actors

* Customer
* AIMS Software
* VNPay

4. Preconditions

The customer has a pending order for payment.

5. Basic Flow of Events

1. The AIMS software presents the invoice.
2. Customer view the invoice.
3. Customer chooses “Pay Order”.
4. The AIMS software redirects to VNPay gateway.
5. Customer enter payment information on VNPay.
6. Customer confirms the payment on VNPay.
7. VNPay processes the transaction and returns the payment results

6. Alternative Flows

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Location | Condition | Action | Resume Location |
| 1 | Step 7 | If the transaction fail | Goes back to view invoice | Step 1 |
| 2 | Step 7 | If the transaction success | Stores the invoice and payment transaction, sends a confirmation email |  |

7. Input Data

Same as “Place Order”

8. Output Data

Same as “Place Order”

9.. Postconditions

* If payment is successful, the order is recorded as paid and the payment results is sent to the customer via email.
* If payment fails, the order stays unpaid.