UC – Pay Order

1, Use Case Code: UC04

2, Brief Description:

* User pay for their order

3, Actor

* User, Software, VNPAY

4, Precondition:

* The system has calculated user ‘s total fee ( which is The total amount that customers need to pay includes the total product price including VAT and the delivery fee)

5, Basic flows of event

1. AIMS software displays the invoice
2. Customer asks to pay the invoice
3. Software notify user to choose the method used to pay order
4. User choose to pay order via VNPAY
5. VNPAY request user to provide necessary information
6. User send all necessary information
7. Software request VNPAY to do the transaction
8. VNPAY notifies the transaction result
9. Software save the transaction ’s information
10. Software display transaction ‘s information

6, Alternative flow

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
| 1 | 3 | If user doesn’t choose any payment method | Notify error: choose the payment method appeared above | 3 |
| 2 | 8 | User ‘s information is invalid | Software will notify that there exist invalid information | 5 |
| 3 | 78 | User ‘s account balance is insufficient to pay the order | Software notify that user ‘s account doesn’t have enough money to handle the transaction | 5 |

7, Input data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Data fields | Description | Mandatory | Valid condition | Example |
| 1 | Name of user |  | Yes | Less than 50 characters | Le Minh Phuc |
| 2 | Number of card |  | Yes | 16 digits | 0123 4567 8910 1112 |
| 3 | Expired date |  | Yes | MM/YYYY | 03/2024 |
| 4 | Transaction password |  | Yes | 4 digits | 1234 |

8, Output data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Data fields | Description | Display format | Example |
| 1 | Transaction ID |  |  | LMP298080324 |
| 2 | Cardholder's name |  |  | Le Minh Phuc |
| 3 | Deducted amount |  |  | 50000 VND |
| 4 | Total received fee |  |  | 1200000 VND |
| 5 | Transaction date and time |  | MM/DD/YYYY HH:MM:SS TT | 08/05/2024 03:05:15 PM |

9, Post Condition

No