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. Software notify user to choose the method used to pay order
2. User choose to pay order via VNPAY
3. VNPAY request user to provide necessary information
4. User send all necessary information
5. Software request VNPAY to handle transaction
6. VNPAY handle transaction
7. Software save the transaction 's information
8. Software display transaction 's information

6, Alternative flow

No	Location	Condition	Action	Resume location
1	1	If user doesn't choose any payment method	Notify error: choose the payment method appeared above	1
2	4	User 's information is invalid	Software will notify that there exist invalid information	3
3	6	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	3
4	7	If the user cancels the payment transaction		1

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