Use Case Pay order

1. **Use case code**

    UC00X

2. **Brief Description**

3. **Actors**

3.1 **Customer**

3.2 **Interbank**

4. **Preconditions: The customer has an invoice**

5. **Basic Flow of Events**

5.1 **The AIMS software displays the payment screen**

5.2 **The customer enters card info and confirm to pay order(see table 7.1)**

5.3 **The AIMS software check if the card info is in correct format**

5.4 **The AIMS software asks the Interbank to pay order**

5.5 **The Interbank processes the transaction**

5.6 **The AIMS software saves the payment transaction**

5.7 **The AIMS software displays information after transaction(see table 8.1)**

6. **Alternative flows**

Table N-Alternative flows of events for UC Place order

No	Location	Condition	Action	Resume location
1.	At step 5.4	If the card information has wrong format	▪ The AIMS software notifies that card info has wrong format	At step 5.1
2.	5.5	If the card info is invalid	▪ The AIMS software notifies that card info is invalid	At step 5.1
3.	5.5	If the balance is not enough	▪ The AIMS software notifies the balance is not enough	At step 5.1
4.			▪	

7. Input data

Table A-Input data of …

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Card holder name		Yes		Tran Hoang Viet
2.	Card number		Yes		1234 5678 9123 4567
3.	Expiration date		Yes	Consist of month and last 2 digits of year only	01/23
4.	Security code		Yes		123

8. Output data

Table B-Output data of …

No	Data fields	Description	Display format	Example
1.	Card holder name			Tran Hoang Viet
2.	Card number			1234 5678 9123 4567
3.	Bank name			Agribank
4.	Amount before payment		XXX VNĐ	100000 VNĐ
5.	Amount before payment		XXX VNĐ	100000 VNĐ
6.	Day trading		Date-month-year	20-11-2020

9. Postconditions
10. Activity diagram

User	Software	Interbank

Enter card info and confirm transaction

Display screen for payment

Process payment request

Process payment

[FAILED]

SUCCESS]

[SUCCESS]

[FAILED]

Display failure with reason

Save transaction

Display transaction information