Use Case "Deduct money"

1. **Use case code:**

2. **Brief Description:**
  This use case can be included whenever the software need to deduct an amount of money from user by using the interbank API

3. **Actors:**
  3.1 Customer

4. **Preconditions:**
  None

5. **Basic Flow of Events:**
  Step 1. The software calls check account API
  Step 2. The interbank return the balance on the customer's credit card
  Step 3. The software compares amount of money need to deduct with the balance
  Step 4. The software call "deduct money" API
  Step 5. The interbank deduct money from customer's account
  Step 6. The software returns status of transactions

6. **Alternative flows:**

Location	Doer	Condition	Action	Resume Location
Step 2 of basic flow	Interbank	Interbank Error	Sends the failure message to Software	The use case ends
Step 3 of Basic Flow	Interbank	Not enough money for renting	Sends the failure message to software	The use case ends
Step 5 of Basic Flow	Interbank	Interbank Error	Sends the failure message to software	The use case ends

7. **Input data:**

Table 1- Input data for calling deduct money API

No	Data Fields	Description	Mandatory	Valid condition
1.	Current balance		• Yes	Must not contain words
2.	Account number		• Yes	Must not contain words
3.	Bank's name	Choose from a list	• Yes	

8. **Output data:**

Table 1- Output data from calling deduct money API

No	Data fields	Description	Display format	Example
1	Owner's balance	Balance	• Number, separated comma for big number	2,000,000 VND
2	Deposit amount	Deposit amount	• Number, separated comma for big number	2,000,000 VND
3	Transaction status	status	• Success or failed	Successfully transaction
4	Card's owner information(owner's name, …)	Information of card's owner	• Words	12310243324 Nguyen Trung Nghia

9. Post-conditions:
None