**Use Case “Return Deposit Money”**

1. **Use case code**

UC002

1. **Brief Description**

This Use case describes the interaction between Customer and EcoBikeRental System where Customer wish to take back the deposit money they had already deposit before.

1. **Actors**
   1. User (Customer)
   2. Interbank
2. **Preconditions**

Customer had already deposit money for rented bike in EcoBikeRental System.

1. **Basic Flow of Events**

Step 1. The Software calls Add API from the bank .

Step 2. The Interbank shows the card information of customer.

Step 3. The Customer confirms that the card information is correct.

Step 4. The Interbank adds deposit money to customer’s credit card

Step 5. The Software displays the success transaction.

1. **Alternative Flows**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
| 2 | Step 3 | If the card information is invalid | Software notifies that the interbank return the wrong card information | Resumes at Step 1 |

1. **Input Data**
2. **Output Data**
   1. Output data of displaying card information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
| 1 | Bank’s name | The name of the card’s bank |  | Techcombank Hang Dau |
| 2 | Card’s information | Information of the card holder, includes card number and card holder’s name |  | 1902470153012  Chu Viet Dung |

* 1. Output data of displaying transaction status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
| 1 | Bank’s name | The name of the card’s bank |  | Techcombank Hang Dau |
| 2 | Card’s information | Information of the card holder, includes card number and card holder’s name |  | 1902470153012  Chu Viet Dung |
| 4 | Return Deposit Amount | Total deposit money to be returned | Comma for thousands separator  Positive integer  Right alignment | 200,000 |
| 5 | Currency |  |  | VND |
| 6 | Transaction status | The status of the transaction | Success - Failed | Success |
| 8 | Transaction instructions |  |  | Return Deposit Money for Bike rented in EcoBikeRental System |

1. **Postconditions**

None