**Use case “Deduct money from card”**

1. **Use case code:**

UC002

1. **Brief Description:**

This use case describes the interaction between Customer, Interbank and ECOBIKERENTAL Software when the customer wishes to pay for transaction of renting a bike.

1. **Actors**
   1. **Customer**
   2. **Interbank**
2. **Preconditions**
3. **Basic Flow of Events**

Step 1. The ECOBIKERENTAL software displays the payment screen

Step 2. The customer enters card infomation and confirm transaction

Step 3. The ECOBIKERENTAL software asks the Interbank to process the transaction

Step 4. The Interbank processes the transaction

Step 5. The ECOBIKERENTAL software saves the payment transaction.

1. **Alternative flows**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
| **1** | At Step 5 | If the card number is invalid | * Interbank respond to ECOBIKERENTAL software that card number is invalid. * The ECOBIKERENTAL software notifies customer that the card number is invalid. | Resumes at Step 1 |
| **2** | At Step 5 | If the balance is not enough | * Interbank respond to ECOBIKERENTAL software that the balance is not enough. * The ECOBIKERENTAL software notifies customer that the balance is not enough. | Resumes at Step 1 |

1. **Input data**

*Table1 - Input data of delivery information*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
| 1 | Card holder Name |  | Yes |  | Tran Thi Hang |
| 2 | Card number |  | Yes | 16 digits | 1111111111111111 |
| 3 | Expiration date |  | Yes | Expire after 1 day of transaction | 31/12/2022 |
| 4 | Security code |  | Yes |  | 111111 |

1. **Output data**
2. **Postconditions**