

Use case “Deduct money from card”

1. Use case code:

UC002

2. 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.

3. Actors

3.1. Customer

3.2. Interbank

4. Preconditions

5. Basic Flow of Events

Step 1. The ECOBIKERENTAL software displays the payment screen

Step 2. The customer enters card information 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.

6. Alternative flows

No	Location	Condition	Action	Resume location
1	At Step 5	If the card number is invalid	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Interbank respond to ECOBIKERENTAL software that the balance is not enough.	Resumes at Step 1

			- The ECOBIKERENTAL software notifies customer that the balance is not enough.	
--	--	--	--------------------------------------------------------------------------------	--

7. 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

8. Output data

9. Postconditions