

# Use Case “Return A Bike”

## 1. Use case code

UC003

## 2. Brief Description

This use case describes the interaction between the Eco-Bike software with the customer and the Interbank when the customer desires to return the bike they rented

## 3. Actor

3.1. Customer

3.2. Eco-Bike software

3.3. Interbank

## 4. Preconditions

- There is Internet connection to the app or the website
- The user enters the app

## 5. Basic Flow of Events

1. The customer requests to return the bike
2. The software displays the list of docks to choose
3. The customer chooses a dock and returns bike
4. The software calls use case “Return Deposit”
5. The software calls use case “Pay For Rental Bike”

## 6. Alternative Flows

*Table A – Alternative flows of events for “Return a bike”*

No	Location	Condition	Action	Resume location
1	At Step 3	If the customer quits returning bike	The software asks for confirmation	
1a		Customer accepts to quit	The software ends the use case	
1b		Customers refuses to quit	The software continues the flow of use case	At Step 4
2	At Step 1	If the customer hasn't rent a bike yet	The software notifies and ends the use case	

## 7. Input data

No need

## 8. Output data

No need

## **9. Postconditions**

No need