Use Case “Return A Bike”

# Use case code

UC003

# 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

1. **Actor**
   1. Customer
   2. Eco-Bike software
   3. Interbank

# Preconditions

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

# 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 calculates the fee
6. The software calls use case “**Pay For Rental Bike**”

# 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 |  |
| 3 | At Step 6 | If the fee is free | The software notifies that the customer doesn’t have to pay.  The use case ends. |  |

# Input data

# No need

# Output data

# No need

# Postconditions

No need