**USE CASE “View Bike”**

# Use Case code

UC002

# Brief Description

This use case describes the interaction between User and EcoBikeRental when User wishes to view a bike and its information

# Actors

User

# Preconditions

1. Basic flow of events

Step 1: User selects one dock from the last use case.

Step 2: The BikeRental application displays the list of bikes in that dock and their information.

Step 3: The user selects a bike from the displayed list.

Step 4: The The BikeRental application displays the Bike’s detailed information.

Alternative flows

*Table A - Alternative flows of events for UC Rent Bike*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Point | Condition | Action | Resuming point |
| 1 | Step 2 | User uses search bar to search for a bike | The BikeRental application displays all bikes with matching keywords | Step 3 |
| 2 | Step 4 | User click “Return” button | The BikeRental application displays the Bike list | Step 1 |

# Input data

1. Output data

*Table A – View Bike Screen*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Data field | Description | Required | Valid condition | Example |
| 1 | Dock name | Name of dock | yes |  | TRAN DAI NGHIA |
| 2 | BikeID | ID of each bike in the dock | yes |  | 1 |
| 3 | BarCode | Barcode of the lock locking the bike | Yes |  | 4027402-481-284 |
| 4 | LicensePlate | License plate of the bike | Yes |  | 1234678 |
| 5 | Bike Type | Type of the bike | Yes |  | Standard\_bike |

# Post conditions