# Use Case “View Bike Information”

## Use case code

UC003

## Brief Description

This use case describes the interactions between the EcoBikeRental software with the customer when the customer view bike information on app.

## Actors

* 1. **Customer**

## Preconditions

* Customer is renting a bike.

## Basic Flow of Events

1. The customer select feature “renting”.
2. The system check and displays the bike that customer is renting.
3. The customer select view bike information.
4. The system check, computing and displays information of the bike: bike type, renting time, the amount to be paid up to now, bike status (battery, …), nearby station

## Alternative flows

*Table 1 - Alternative flows of events for UC View bike information.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
| 1. | At 2 | If customer isn’t renting a bike. | * The application notifies to customer: “You isn’t renting a bike.” | At Step 1 |
| 2. | At 4 | If the bike need maintenance | * Customer can contact via hotline | At Step 4 |

## 7. Input data

No

## 8. Output data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Data fields | Description | Display format | Example |
| 1. | Bike type | Show type of bike | String | - Normal bike  - Normal double bike  - Electric bike |
| 2. | Renting time | Period from customer start renting to current(minute) | Time | 60 minute |
| 3. | Amount | Amount to be paid up to now |  | 10.000 VND |
| 4. | Remaining Battery | Show capability of bike can active | % | 30% |
| 5. | Operation date | The date bike start operating | Date String | 20/10/2020 |
| 6. | Bike brand name | Name brand of bike | String | * Thong nhat * Giant |
| 7. | Bike model code | Name of model code in brand | String and Number | * TN34 * GT243 |

## 9. **Postcondition**

No.