***Use Case “View Bike In Station”***

1. **Use case code**
2. **Brief description**

UC “View Bike in Station” allows user to see all the information of each bikes in a specified station including: the battery of e-bikes and the maximum amount of time that customer is able to use.

1. **Actor**

3.1 Customer

1. **Preconditions**

Successfully login

1. **Basic flow of events**

Step 1: Customer click on a dock to see information of bikes in that station

Step 2: Software check the station code from that click and collect the information in database

Step 3: Software display the view of available bike in a list/table for customer to choose

1. **Alternative flows**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Location | Condition | Action | Resume location |
| 1. | At Step 2 | in case of failed querying, notify to the user, end of use case | * The software notify for the error to the user | End of use case |

1. **Input data**

Table 1- Input data for view bike in station

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data Fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
| 1. | Station code | Choose by clicking | Yes |  | Station1 |

1. **Output data**

Table 1- Output data from entering station code by clicking

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
| 1 | Current amount of battery (e-bikes) | Battery | * Percentage | 58% |
| 2 | Maximum time to use | Time remaining | * Numbers and words | 4h36m |
| 3 | Bike’s code | Code | * No space, words and numbers | TN234 |

1. **Postconditions**

being able to choose renting option