**Use Case “View Bike Information”**

1. **Use case code**

UC002

1. **Brief description**

UC “View Bike Information” allows users to see all the information of each bike they’re renting, including bike type, renting time, the amount to be paid up to now, and bike status (e.g current battery percentage of e-bike).

1. **Actor**

3.1 Customer

1. **Preconditions**

Successfully login

1. **Basic flow of events**

Step 1: Customer use the app to see information of bikes in rental

Step 2: Software check the user’s rental details and collect the bike information in database

Step 3: Software display the view of bike information currently rented by the user

1. **Alternative flows**

*Table 1 - Alternative flow of events for UC View Bike Information*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 2 - Input data of UC View Bike Information*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data Fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
| 1. | Userid | Unique id for each user | Yes |  | 11037 |

1. **Output data**

*Table 3 - Output data of UC View Bike Information*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
| 1 | Bike type | Type | * Code | 1/2/3 |
| 2 | Renting time | Renting time | * Time | 4m20s |
| 3 | Current amount to be paid | Money | * Currency | 69$ |
| 4 | Current amount of battery (e-bikes) | Battery | * Percentage | 69% |

1. **Postconditions**