**Use Case “View Dock’s Detailed Information”**

1. **Use case code**

UC005

1. **Brief Description**

This use case describes the interactions between user and EBR software when user wishes to view the detailed information of chosen dock.

1. **Actors**
   1. **User**
   2. **EBR Software**
2. **Preconditions**

User must log in

1. **Basic Flow of Events**

Step 1. The user choose a dock from the list of docks

Step 2. The software return the information of the dock

1. **Alternative flows**
2. **Input data**
3. **Output data**

*Table 1 - Output data of view dock’s detailed information*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Data fields | Description | Display format | Example |
| 1. | Name | Name of the chosen dock |  | Dock No.01 |
| 2. | Address | The address of this dock |  | 12 Inner Road |
| 3. | Dock Area | The area of this dock | * Positive number * Right alignment | 60m2 |
| 4. | Number of Available Bikes | Number of available bikes in this dock | * Positive integer * Right alignment | 20 |
| 5. | Bike | Available bike in this dock |  | Standard Bike 01 |
| 6. | Number of empty slot | The number of empty docking point | * Positive integer * Right alignment | 10 |
| 7. | Distance | The distance from user’s location this dock | * Positive number * Right alignment | 100m |
| 8. | Walking Time | The calculated walking time from user’s location to this dock | Positive number | 2 minutes |

1. **Postconditions**