**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. **Preconditions**
3. **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 |  | Address: 12 Inner Road |
| 3. | Dock Total slots | The total number of slot in this dock | * Positive number * Right alignment | 200 |
| 4. | Number of Standard Bikes | Number of available standard bikes in this dock | * Positive integer * Right alignment | 20 |
| 5. | Number of Twin Bikes | Number of available twin bikes in this dock | * Positive integer * Right alignment | 20 |
| 6. | Number of Standard Electrical Bikes | Number of available electrical bikes in this dock | * Positive integer * Right alignment | 20 |
| 7. | Number of Twin Electrical Bikes | Number of available twin electrical bikes in this dock | * Positive integer * Right alignment | 20 |
| 8. | Barcode | Barcode of available bike in this dock | Left alignment | 784318 |
| 9. | Saddle | Number of saddle of the bike in this dock | * Positive integer * Left alignment | 1 |
| 10. | Pedal | Number of pair of pedal of the bike in this dock | * Positive integer * Left alignment | 1 |
| 11. | Rear Seat | Number of rear seat of the bike in this dock | * Positive integer * Left alignment | 1 |
| 12. | Battery | The electric motor’s battery percentage | * Positive number with percentage symbol * Left alignment | 60.0% |
| 13. | Usage | How much time is left | In minute | 180 minutes |

1. **Postconditions**