

Use Case “View Dock’s Detailed Information”

1. Use case code

UC005

2. Brief Description

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

3. Actors

3.1. User

4. Preconditions

5. 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

6. Alternative flows

7. Input data

8. 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	<ul style="list-style-type: none">• Positive number• Right alignment	200
4.	Number of Standard Bikes	Number of available standard bikes in this dock	<ul style="list-style-type: none">• Positive integer• Right alignment	20
5.	Number of Twin Bikes	Number of available twin bikes in this dock	<ul style="list-style-type: none">• Positive integer• Right alignment	20
6.	Number of Standard Electrical Bikes	Number of available electrical bikes in this dock	<ul style="list-style-type: none">• Positive integer• Right alignment	20
7.	Number of Twin Electrical Bikes	Number of available twin electrical bikes in this dock	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Positive integer• Left alignment	1
10.	Pedal	Number of pair of pedal of the bike in this dock	<ul style="list-style-type: none">• Positive integer• Left alignment	1
11.	Rear Seat	Number of rear seat of the bike in this dock	<ul style="list-style-type: none">• Positive integer• Left alignment	1

12.	Battery	The electric motor's battery percentage	<ul style="list-style-type: none"> • Positive number with percentage symbol • Left alignment 	60.0%
13.	Usage	How much time is left	In minute	180 minutes

9. Postconditions