

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

3.2. EBR Software

4. Preconditions

User must log in

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		12 Inner Road
3.	Dock Area	The area of this dock	<ul style="list-style-type: none">• Positive number• Right alignment	60m ²
4.	Number of Available Bikes	Number of available bikes in this dock	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Positive integer• Right alignment	10
7.	Distance	The distance from user’s location this dock	<ul style="list-style-type: none">• Positive number• Right alignment	100m
8.	Walking Time	The calculated walking time from user’s location to this dock	Positive number	2 minutes

9. Postconditions