

Use Case “View dock information”

1. Use case code

UC004

2. Brief Description

This use case describes the interaction between user and EcobikeRental software when user wishes to view information of the dock in detail

3. Actors

3.1 User

3.2 Software

4. Preconditions: User signed in software

5. Basic Flow of Events

- 1.User request to view dock ‘s information
- 2.Software show information of the dock and end use case

6. Alternative flows

7. Input data

Table A-Input data of View dock information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Dock id	Id of the dock in database	yes	Id is in database	DOCK01

8. Output data

Table B-Output data of View dock 's information

No	Data fields	Description	Display format	Example
1.	Dock 's name		Bold text Middle alignment	Trương Định
2.	Address	Address of the dock		1 Trương Định street, Hoang Mai district
3.	Dock area			700m ²
4.	Number of available bikes			60
5.	Number of empty docking			50
6.	Distance	Distance from current user 's location to dock		500m
7.	Walking time	Walking time from user 's location to this dock		10 minutes
8.	List available bike	List available bikes: type and quantity corresponding to these bike		Standard bike: 10

9. Postconditions

User has viewed dock 's information