**Use Case “View dock information”**

1. **Use case code**

UC004

1. **Brief Description**

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

1. **Actors**
   1. **User**
   2. **Software**
2. **Preconditions: User signed in software**
3. **Basic Flow of Events**

1.User request to view dock ‘s information

2.Software show information of the dock and end use case

1. **Alternative flows**
2. **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** |

1. **Output data**

Table B-Output data of View dock ‘s information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
|  | Dock ‘s name |  | Bold text  Middle alignment | **Trương Định** |
|  | Address | Address of the dock |  | 1 Trương Định street, Hoang Mai district |
|  | Dock area |  |  | 700m2 |
|  | Number of available bikes |  |  | 60 |
|  | Number of empty docking |  |  | 50 |
|  | Distance | Distance from current user ‘s location to dock |  | 500m |
|  | Walking time | Walking time from user ‘s location to this dock |  | 10 minutes |
|  | List available bike | List available bikes: type and quantity coresponding to these bike |  | Standard bike: 10 |

1. **Postconditions**

User has viewed dock ‘s information