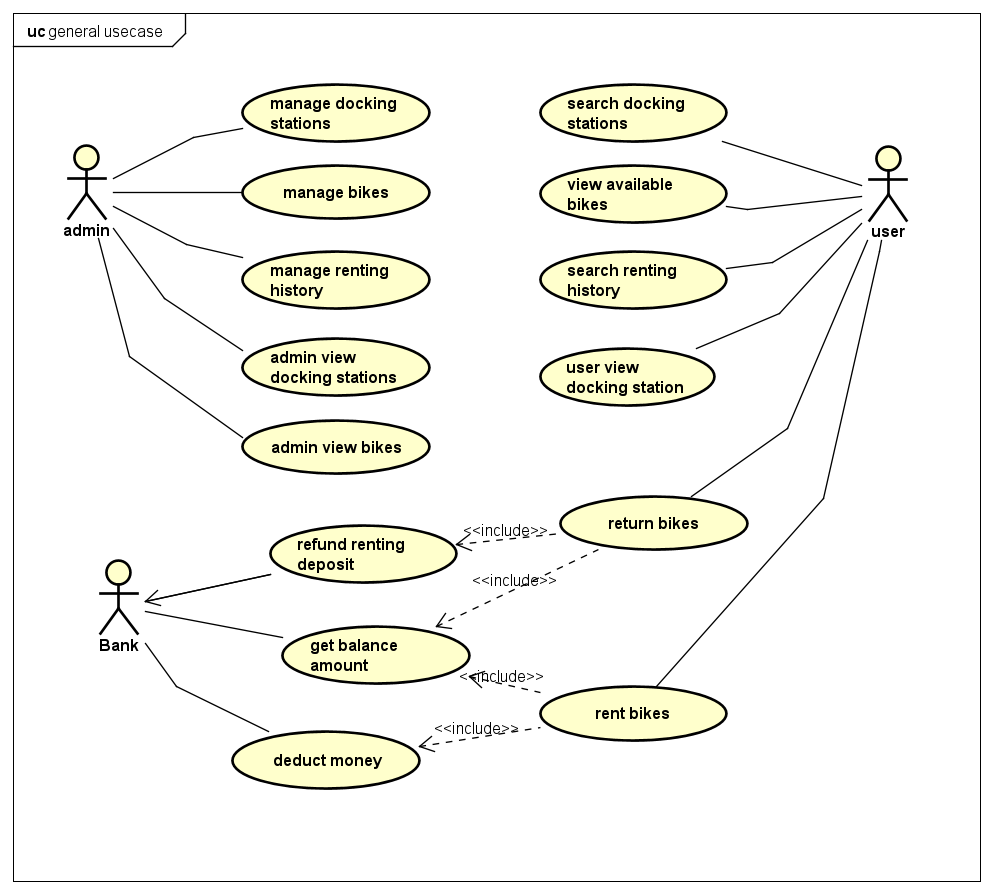
Requirement Analysis

Group ICT1.K62.20201-09

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# Use case diagram

## General use case diagram



# Use case specification

## Use case “Search docking stations”

|  |  |  |  |
| --- | --- | --- | --- |
| UC Code | UC004 | Use case name | User Search Docking Stations |
| Actor | User | | |
| Description | The “user search docking stations” use case is initiated when user press the log in as user button in the log in page. Subsequently, a new page with title “Eco Bike Rental for USER” appears containing 3 text fields (ID, Name, Address) for user to enter search keywords. User then can enter some keywords in those fields. System then display a list of station matched the input keywords when user press Search button. | | |
| Precondition | User successful Login | | |
| Main flow of event (success) | |  |  |  | | --- | --- | --- | | # | Doer | Action | | 1 | User | Enter search keywords in search pane search fields | | 2 | User | Press Search Button | | 3 | Software | Get search parameters | | 4 | Software | Search for stations that match the keyword | | 5 | Software | Display list of matched station | | | |
| Alternative flow of event | |  |  |  | | --- | --- | --- | | # | Doer | Action | |  | User | Close Software at any time | | 5a | Software | Display nothing in station list pane if there is no matching station | | | |
| Post-condition | None | | |

\* Input requirement:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#** | **Data field** | **Description** | **Required?** | **Valid condition** | **Example** |
| 1 | ID | Keyword for ID of station | No | Characters and digits | 12Bc1 |
| 2 | Name | Keyword for name of station | No | Characters and digits | Station1 |
| 3 | Address | Keyword for address of station | No | Characters and digits | Ta Quang Buu |