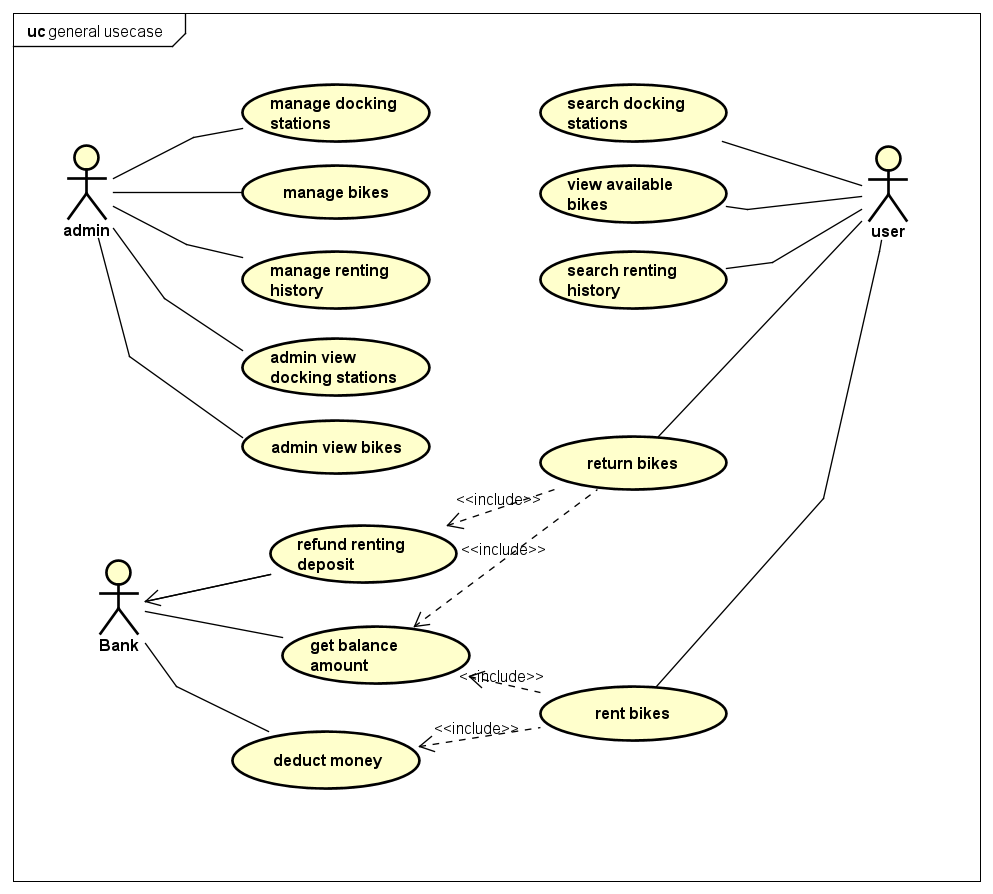
Requirement Analysis

Group LTU13B.02

* Trần Lê Hoàng
* …

# Use case diagram

## General use case diagram

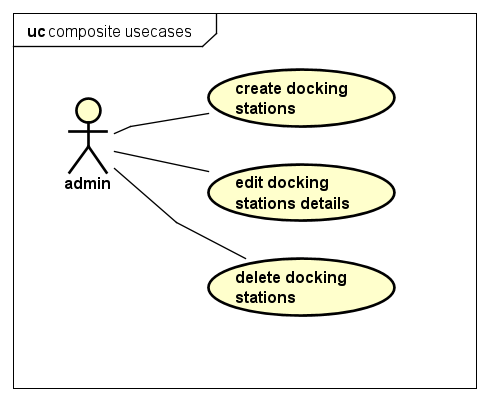


Explanation:

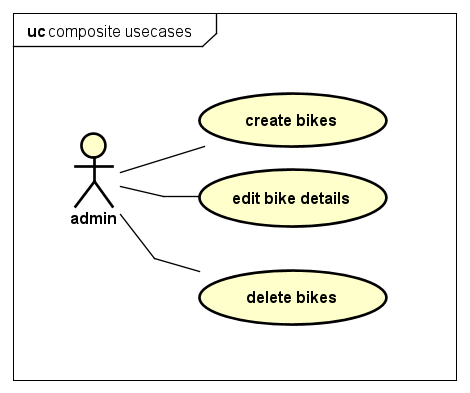
Composite use case:

* Manage docking stations
* Manage bikes
* Manage renting history
* Rent bikes
* Return bikes

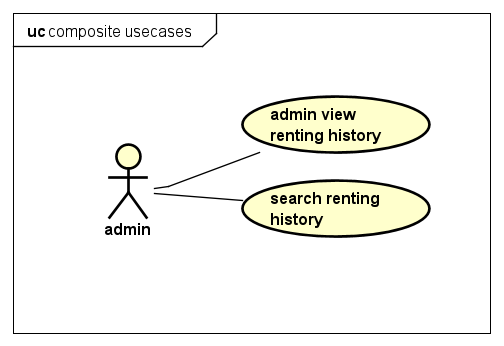
## Use case diagram for “Manage docking stations”



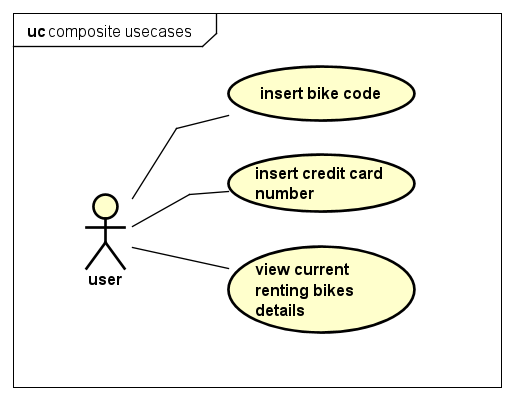
## Use case diagram for “Manage bikes”



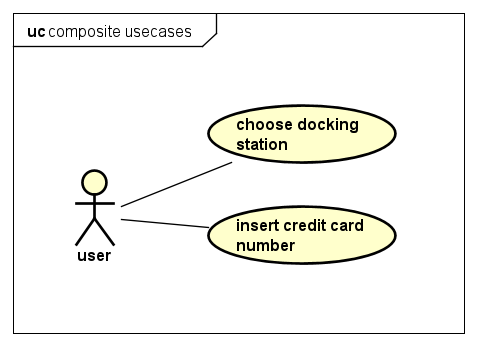
## Use case diagram for “Manage renting history”



## Use case diagram for “Rent bikes”



## Use case diagram for “Return bikes”



# Use case specification

## Use case “Edit bike details”

|  |  |  |  |
| --- | --- | --- | --- |
| UC Code | UC001 | Use case name | Edit bike details |
| Actor | Admin | | |
| Description | Allow admin to update the details of specific bike in bike list | | |
| Precondition | Admin successful Login | | |
| Main flow of event (success) | | # | Doer | Action | | --- | --- | --- | |  | Admin | Choose edit bike button in bikes page | |  | Software | displays admin edit bike screen with selected bike | |  | Admin | enters bike details to update | |  | Admin | Choose save bike button | |  | Software | checks if the entered detail fields is valid | |  | Software | Save updated bike if details is valid | |  | Software | Displays successfully update bike detail message | |  | Software | Close edit page and return to bike list page | | | |
| Alternative flow of event | |  |  |  | | --- | --- | --- | | # | Doer | Action | |  | Admin | Cancels edit page at any time | | 5a. | Software | Notifies error “Invalid field input” if the entered detail field is invalid, go to step 2 | | 5b | Software | Notifies information “No field change” if nothing is edited, go to step 2 | | | |