**Flower Shop**

**Use-Case Model**

**Version <1.0>**

**Revision History**

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**Use-Case Model**

* **Use-Cases Identification**

***Use case:*** Log In

***Primary actor:*** User

***Main success scenario:***

* 1. The user provides to the UI a username and a password
  2. The validity of the provided data is checked
  3. The user is logged in either as a Regular User, or as an Admin, depending on the role associated to him
  4. The user is redirectioned to a page, depending on its role

***Extensions:***

In case of failure:

* 1. The username or the password is not valid
  2. The system signals the error to the user
  3. The user is not further redirectioned to another page.

***Use case:*** Search list of flowers/bouquets

***Primary actor:*** Regular User

***Main success scenario:***

* 1. The user applies the desired filters
  2. The system provides a list of the existing flowers/bouquets that are compatible with the filters

***Extensions:***

In case of failure:

* 1. The system is unable to provide a result list, and it signals this to the user

***Use case:*** Buy one item

***Primary actor:*** Regular User

***Main success scenario:***

* 1. The user picks the item he desires
  2. The user pays for the item
  3. The value of the item is subtracted from the user’s wallet
  4. The item now belongs to the user

***Extensions:***

In case of failure – user has unsufficient funds:

* 1. The user does not have enough funds to pay for the item
  2. The system notifies the user of the error
  3. The user does not obtain the item

***Use case:*** CRUD on flowers/bouquets

***Primary actor:*** Admin

***Main success scenario:***

* 1. The Admin chooses the type of operation he wants to perform
  2. The system performs the operation and, depending on its type, returns or not data to the user

***Extensions:***

In case of failure:

* 1. The system signals the failure to the Admin

***Use case:*** CRUD on user’s information

***Primary actor:*** Admin

***Main success scenario:***

* 1. The Admin chooses the type of operation he wants to perform
  2. The system performs the operation and, depending on its type, returns or not data to the user

***Extensions:***

In case of failure:

* 1. The system signals the failure to the Admin

***Use case:*** Generate sold flowers report file

***Primary actor:*** Admin

***Main success scenario:***

* 1. The Admin requests a report in a format (html or txt)
  2. The system provides the report
  3. The Admin can choose to save it in a selected location

***Extensions:***

In case of failure:

* 1. The system signals the failure to the Admin
* **UML Use-Case Diagrams**

