#### 4.3.4.1. Admin

##### 4.3.4.1.1. Login

###### Description

* Administrator uses this function to login into system.

###### Class Diagram



*Figure 4-23: Login Class Diagram*

###### Class Specification

ParentController class

Physical Address: (olives health)\ Controllers\*ParentController.cs*

Method: RetrieveValidationError(ModelState)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Purpose | Check ModelState whether it contains any validation errors or not. If it does, return an array with error messages, otherwise, initialize the empty list. | | | | |
| Return | **Type** | | | **Description** | |
| ResponseError | | | .List of validation errors | |
| Parameter | **No** | **Name** | **Type** | | **Description** |
| 1 | modelState | ModelState | | Model contains state of posting parameters. |

AdminController class

Physical Address: (olives health)\Controllers\AdminController.cs

Attribute

|  |  |  |  |
| --- | --- | --- | --- |
| No | Name | Type | Description |
| 1 | \_repositoryAccount | IRepository | Instance of interface using to call methods in IRepositoryAccount. |

Method: Login(LoginViewModel)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Purpose | Sign in system with given information.. | | | |
| Return | **Type** | | | **Description** |
| Person | | | Return admin’s account. |
| Parameter | **No** | **Name** | **Type** | **Description** |
| 1 | info | LoginViewModel | Model contains account information. |

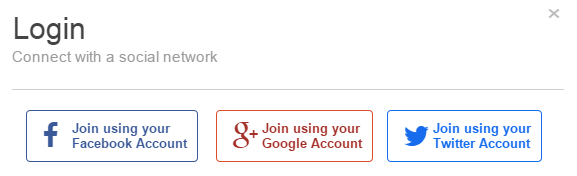
###### Sequence Diagram



*Figure 4-24: Login Sequence Diagram*

*Figure 4-25: Login Screen*

###### Screen Design



|  |  |  |
| --- | --- | --- |
| **Element** | **Type** | **Description** |
| **Join using your Facebook Account** | Button | Click to login by Facebook account. |
| **Join using your Google Account** | Button | Click to login by Google account. |
| **Join using your Twitter Account** | Button | Click to login by Twitter account. |