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**BAKERY STORE**

Report #2 – Class Design

|  |  |  |
| --- | --- | --- |
| **Bakery Store** | | |
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**- Hanoi, 09/2017**

# SIGNATURE PAGE

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Supervisor

Record of change

\*A - Added M - Modified D – Deleted

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
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| 01/Dec/2015 | Update sequence diagram | M | Update sequence diagram | Update sequence diagram | 1.1 |
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# 

# **INTRODUCTION**

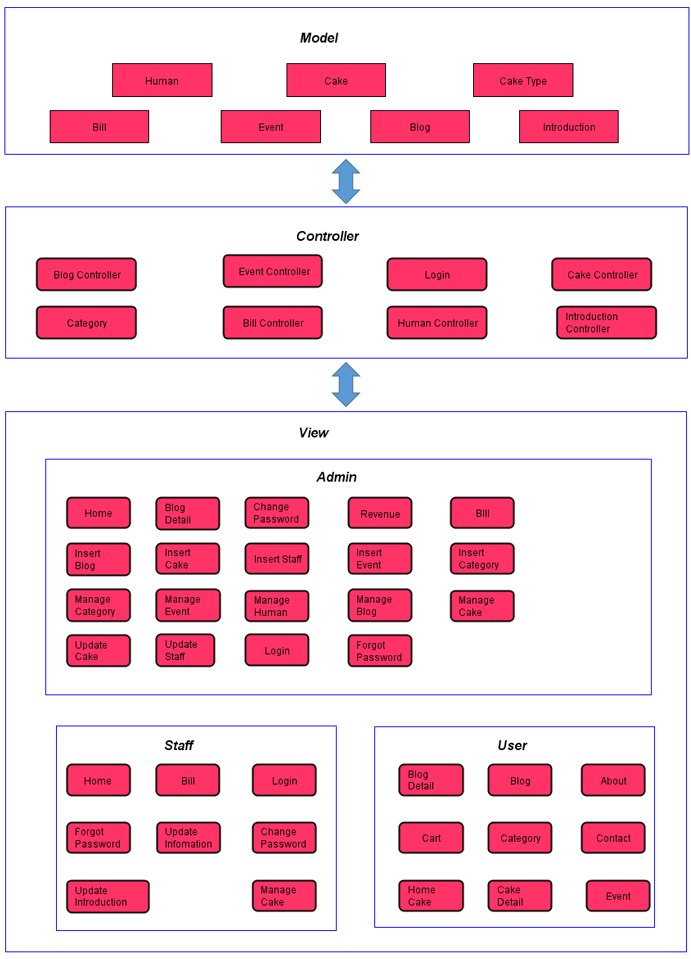
## **Purpose**

Bakery store class design document contains description of all class of the Bakery Store . It include : Class diagram that describe the static relation of all classes in the system.

## **Definitions, Acronyms and Abbreviations**

|  |  |  |
| --- | --- | --- |
| Abbreviations | Description | Comment |
| BS | Bakery Store |  |
| FAQ | Frequently Asked Question |  |

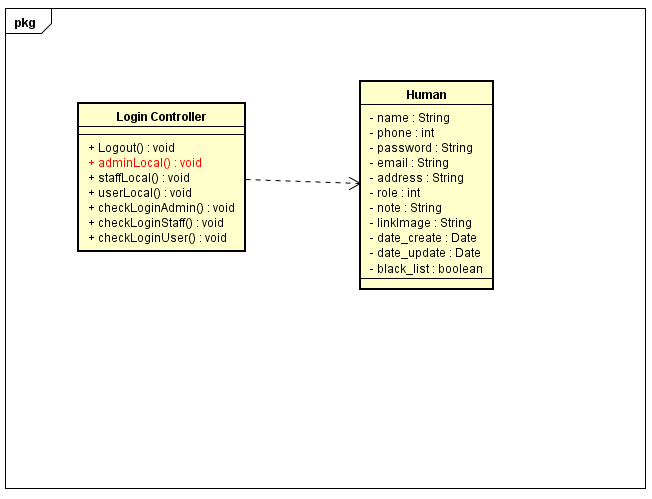
# **SYSTEM ARCHITECTURAL**



# **DETAIL DESIGN**

## **Admin Login**

### Class Diagram

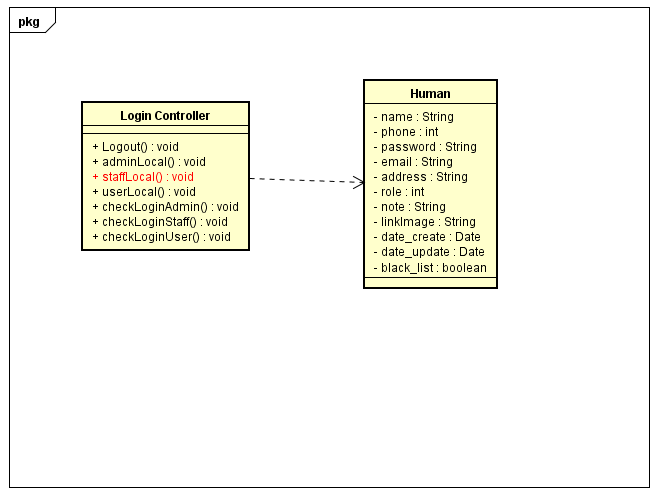


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | Admin Login | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| adminLocal() | Admin login to website |

## **Staff Login**

### Class Diagram

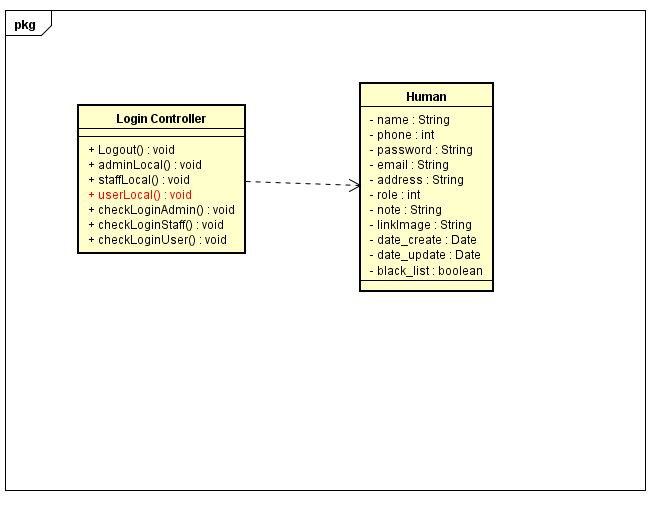


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | Staff Login | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| staffLocal() | Staff login to website |

## **User Login**

### Class Diagram

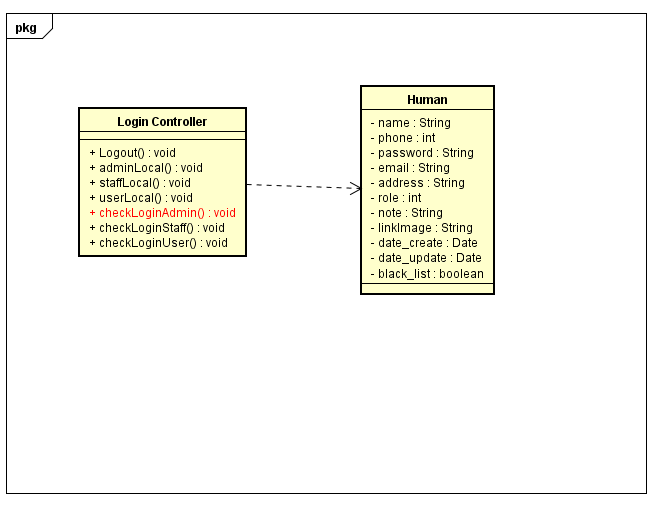


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | User Login | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| userLocal() | User normal login to website |

## **Check Login Admin**

### Class Diagram

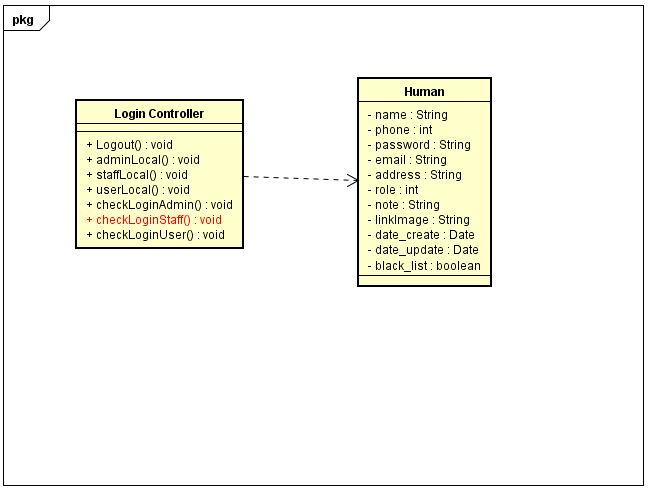


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | Check Status Login of Admin | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| isLoggedAdmin() | Check Status Login of Admin |

## **Check Login Staff**

### Class Diagram

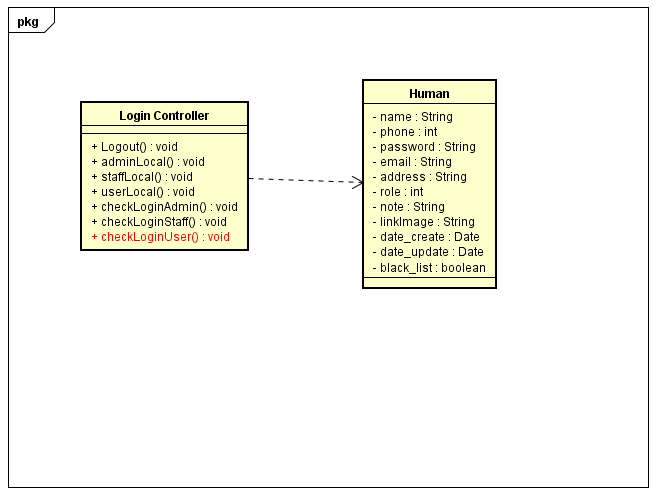


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | Check Status Login of Staff | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| isLoggedStaff() | Check Status Login of Staff |

## **Check Login User**

### Class Diagram

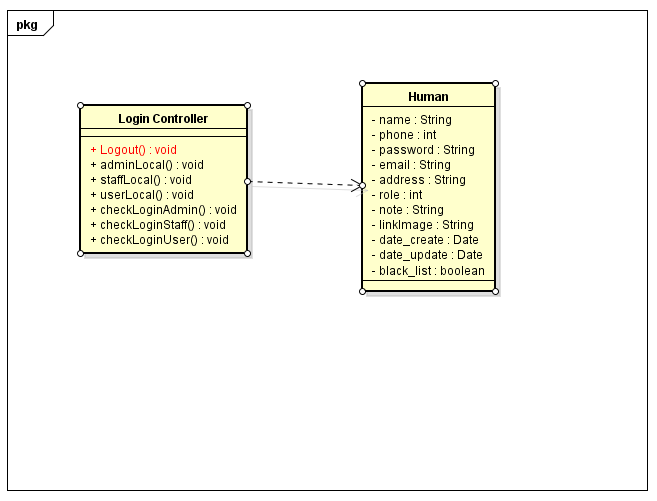


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | Check Status Login of User | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| isLoggedUser() | Check Status Login of User |

## **Logout**

### Class Diagram

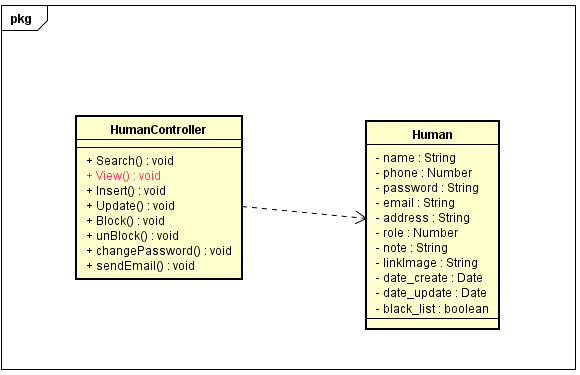


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | LoginController | |
| **Description** | Log Out Account | |
| **Base Class** | Controller | |
| **Source File** | LoginController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Logout() | Log out Account |

## **View Account**

### Class Diagram

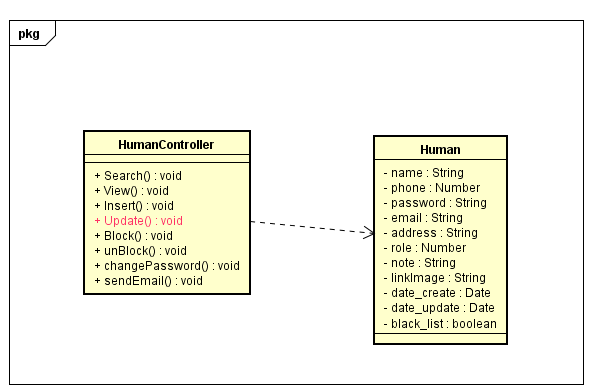


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Show all details of account had exist for admin | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| View() | Show all details of account had exist for Admin |

## **Update Account**

### Class Diagram

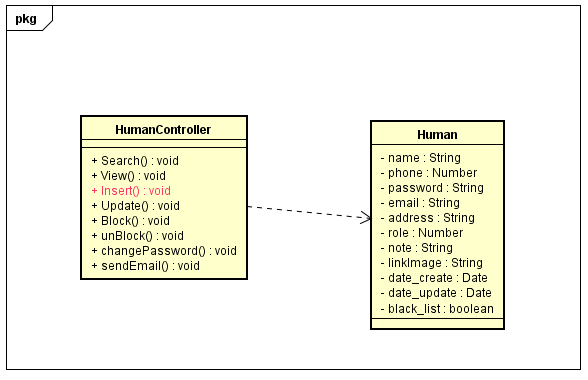


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | update information for account | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Update() | Update information for account |

## **Insert Account**

### Class Diagram

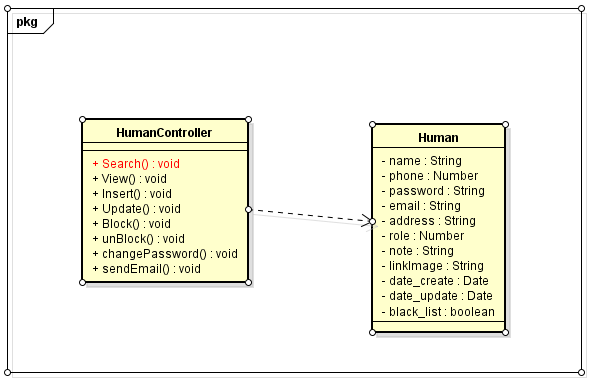


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Insert new account | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Insert() | User sign up or admin add new a Staff |

## **Search Human**

### Class Diagram

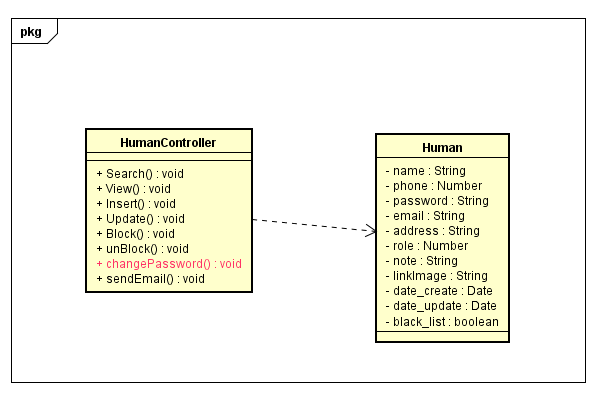


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Search information of Account | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Search() | Search information of Account |

## **Change Password**

### Class Diagram

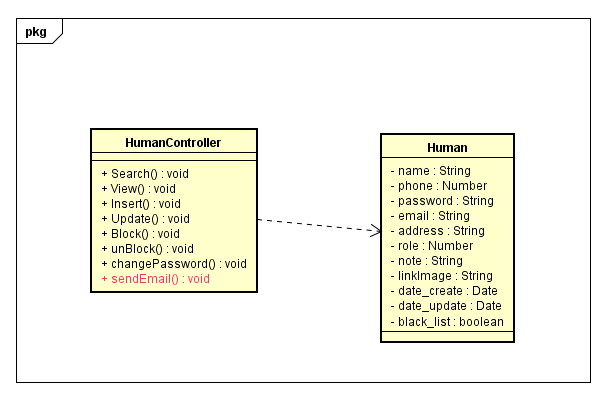


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Change Password of Account | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| changePassword() | Change Password of Account |

## **Forgot Password**

### Class Diagram

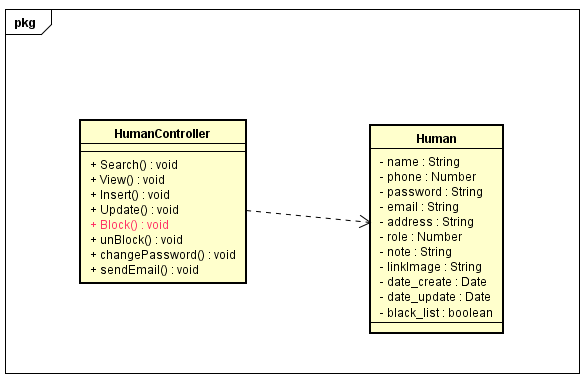


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Send new Password to Email | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| sendEmail() | Send new password to email when forgot password |

## **Lock Account**

### Class Diagram

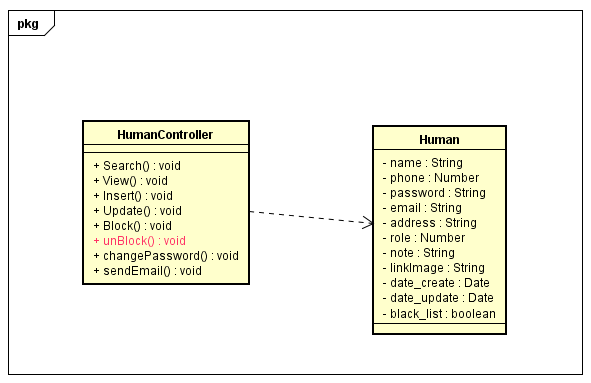


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Admin can lock account of customer and staff | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Block() | Admin can lock account of customer and staff |

## **Unlock Account**

### Class Diagram

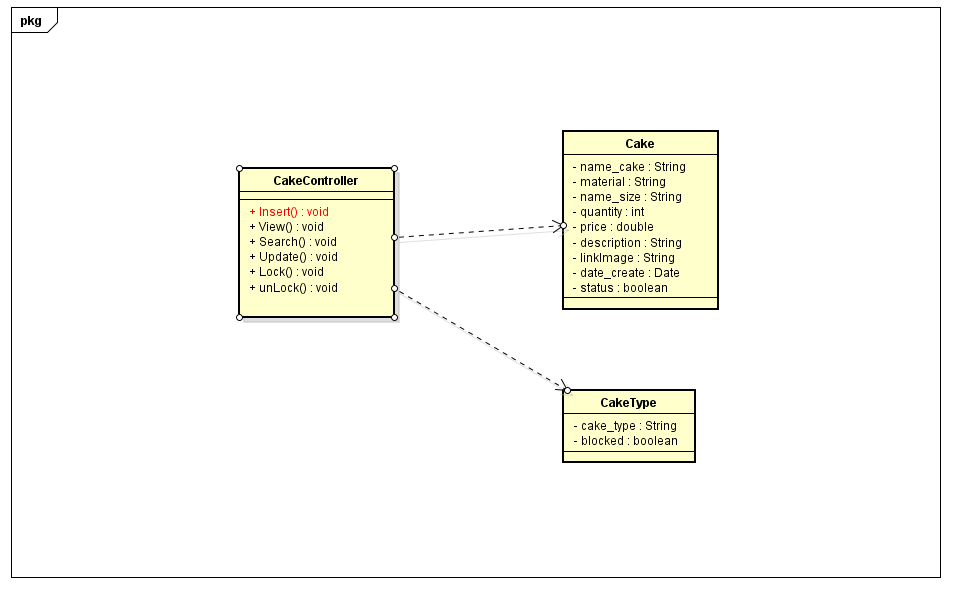


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | HumanController | |
| **Description** | Admin can unlock account of customer and staff | |
| **Base Class** | Controller | |
| **Source File** | HumanController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| unBlock() | Admin can lock account of customer and staff |

## **Add Cake**

### Class Diagram

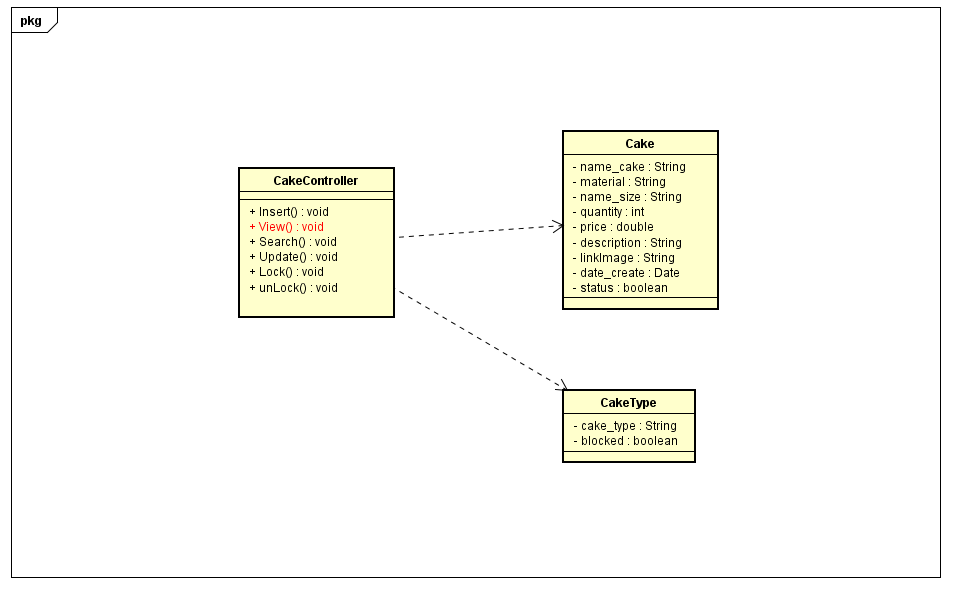


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CakeController | |
| **Description** | Add new Cake | |
| **Base Class** | Controller | |
| **Source File** | CakeController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Insert() | Add new cake |

## **View Cake**

### Class Diagram

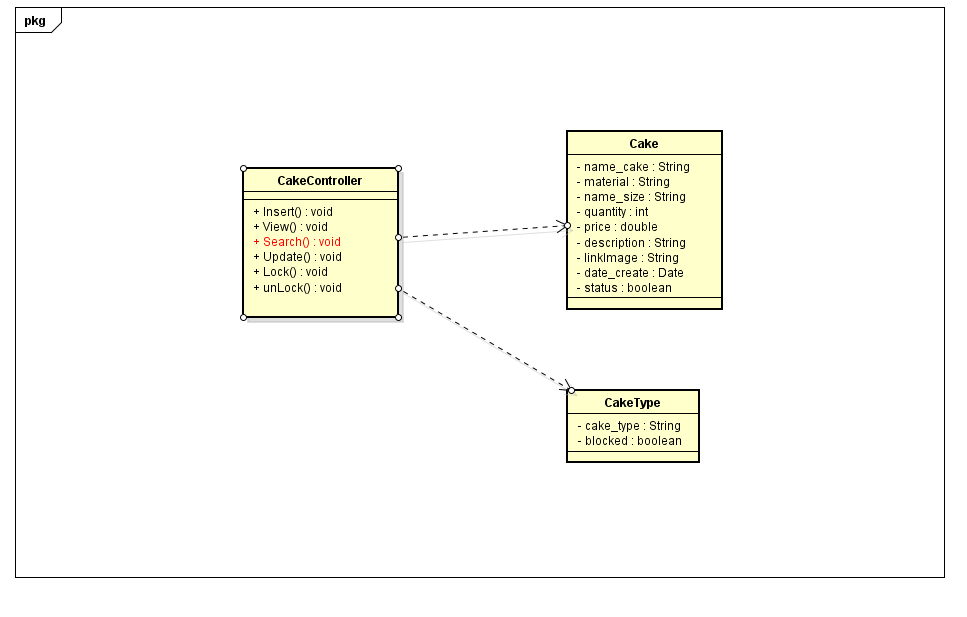


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CakeController | |
| **Description** | View information of Cakes | |
| **Base Class** | Controller | |
| **Source File** | CakeController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Insert() | View information of Cake |

## **Search Cake**

### Class Diagram

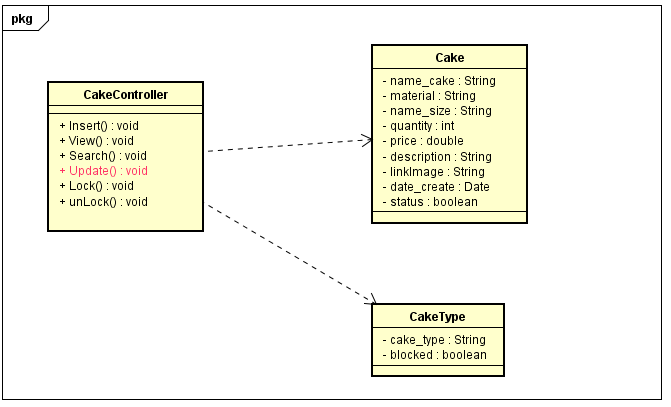


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CakeController | |
| **Description** | Search cake by name or category | |
| **Base Class** | Controller | |
| **Source File** | CakeController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Search() | Search cake by name or category |

## **Update Cake**

### Class Diagram

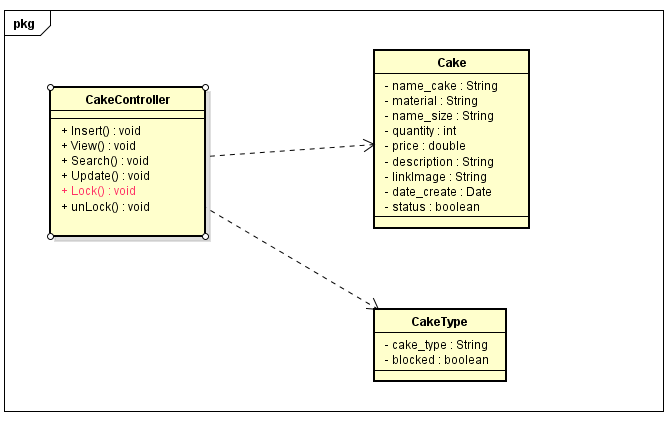


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CakeController | |
| **Description** | Update information cake | |
| **Base Class** | Controller | |
| **Source File** | CakeController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Update() | Update information cake |

## **Lock Cake**

### Class Diagram

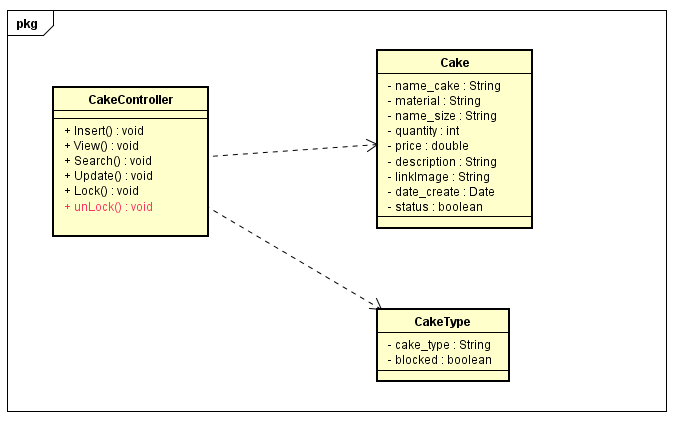


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CakeController | |
| **Description** | Update Status of cake not sell | |
| **Base Class** | Controller | |
| **Source File** | CakeController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Lock() | Update Status cake not sell |

## **Unlock cake**

### Class Diagram

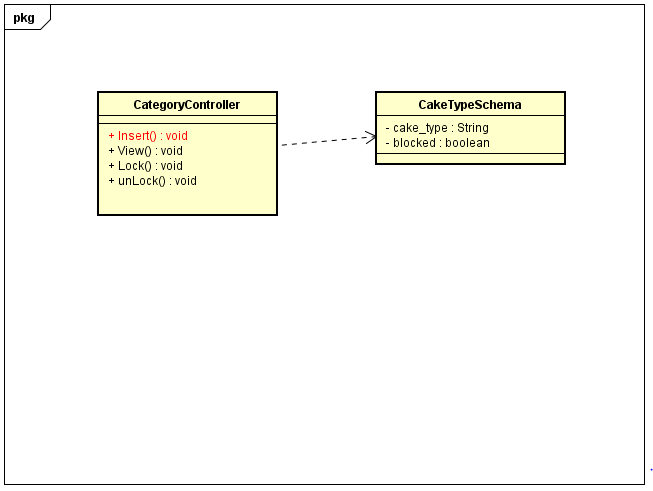


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CakeController | |
| **Description** | Update status of cake (sell again ) | |
| **Base Class** | Controller | |
| **Source File** | CakeController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| unLock() | Update status of cake (sell again ) |

## **Insert category**

### Class Diagram

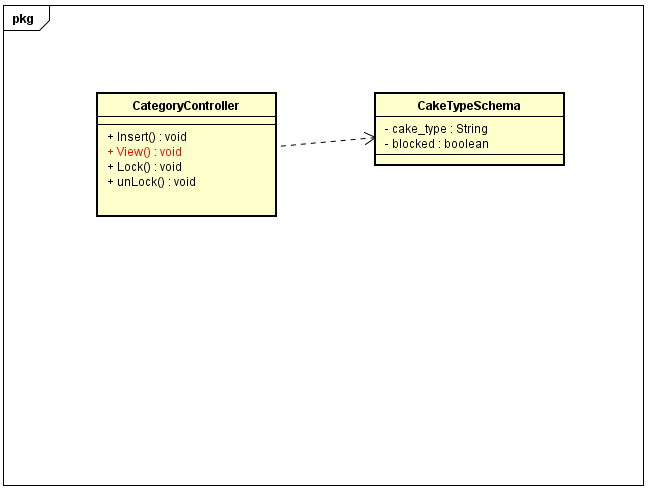


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CategoryController | |
| **Description** | Insert new category | |
| **Base Class** | Controller | |
| **Source File** | CategoryController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Insert() | Insert new category |

## **View Category**

### Class Diagram

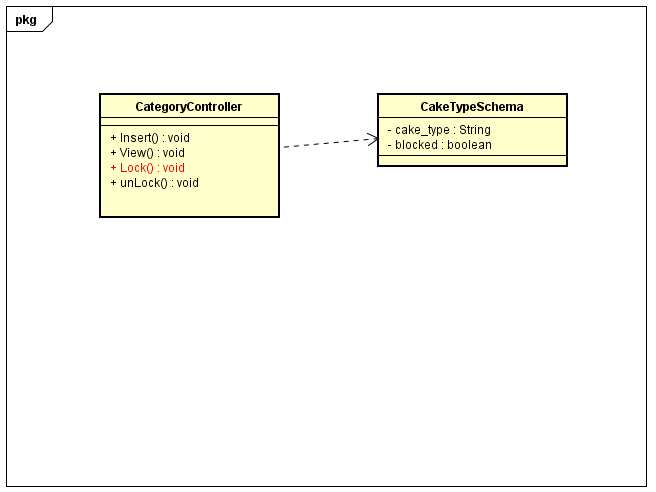


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CategoryController | |
| **Description** | View all category | |
| **Base Class** | Controller | |
| **Source File** | CategoryController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| View() | View all category |

## **Lock Category**

### Class Diagram

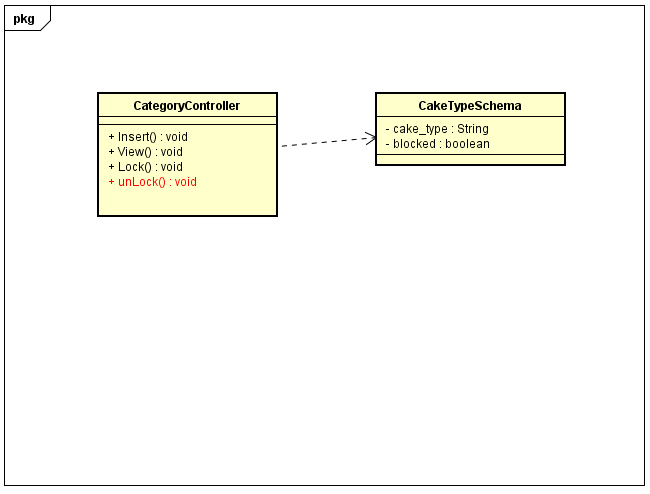


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CategoryController | |
| **Description** | Update status of category | |
| **Base Class** | Controller | |
| **Source File** | CategoryController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Lock() | Update status of category |

## **Unlock Category**

### Class Diagram

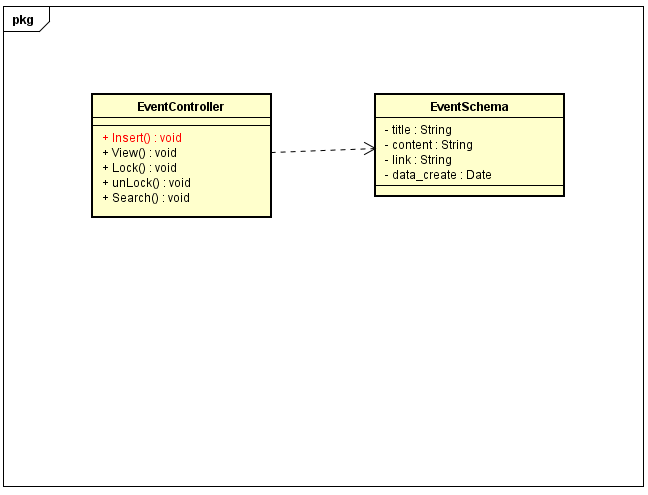


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | CategoryController | |
| **Description** | Update status of category | |
| **Base Class** | Controller | |
| **Source File** | CategoryController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| unLock() | Update status of category |

## **Insert Event**

### Class Diagram

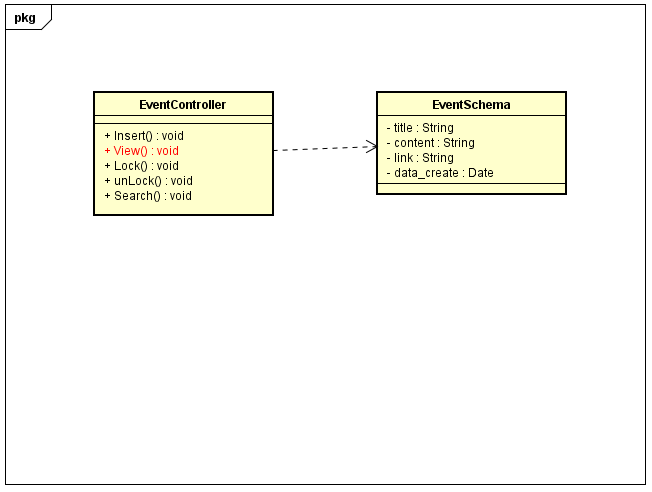


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | EventController | |
| **Description** | Insert new event | |
| **Base Class** | Controller | |
| **Source File** | EventController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Insert() | Insert new event |

## **View Event**

### Class Diagram

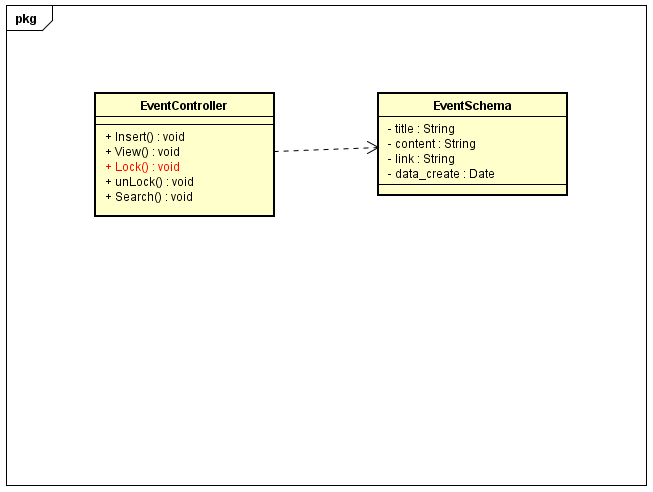


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | EventController | |
| **Description** | View all Event | |
| **Base Class** | Controller | |
| **Source File** | EventController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| View() | View all event exist |

## **Lock Event**

### Class Diagram

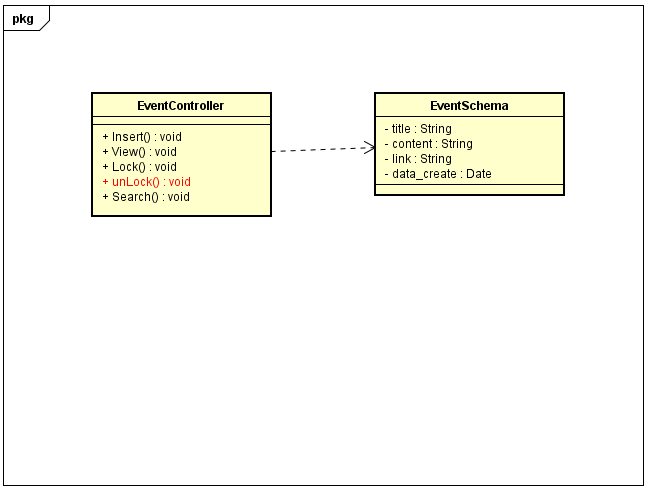


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | EventController | |
| **Description** | Update status of event (close) | |
| **Base Class** | Controller | |
| **Source File** | EventController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Lock() | Update status of event (close) |

## **Unlock Event**

### Class Diagram

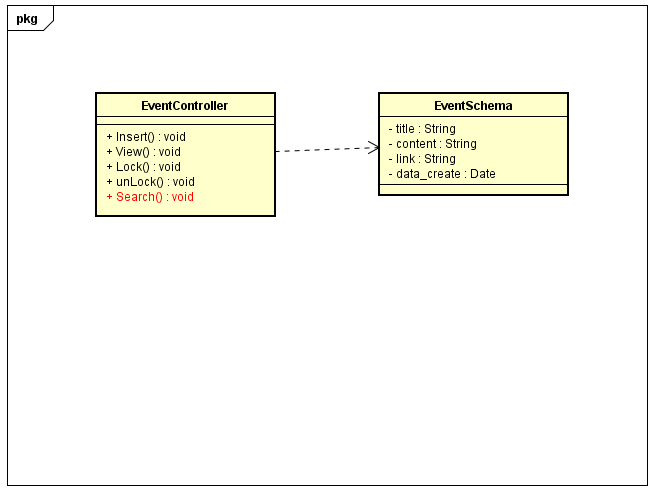


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | EventController | |
| **Description** | Update status of event (open) | |
| **Base Class** | Controller | |
| **Source File** | EventController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Unlock() | Update status of event (open) |

## **Search Event**

### Class Diagram

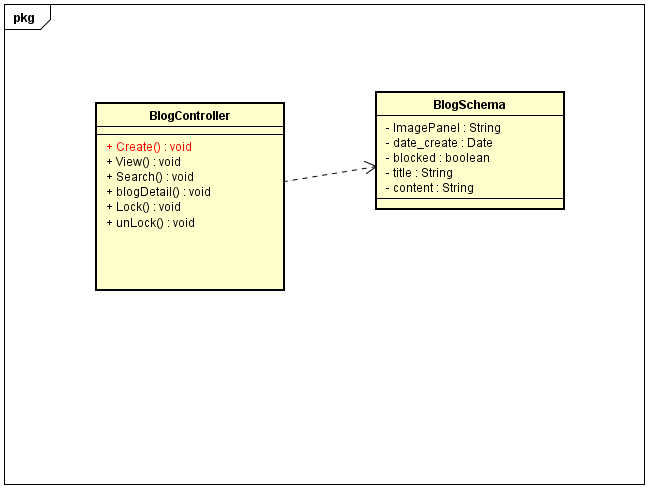


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | EventController | |
| **Description** | Find information an event | |
| **Base Class** | Controller | |
| **Source File** | EventController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Search() | Find information an event |

## **Insert Blog**

### Class Diagram

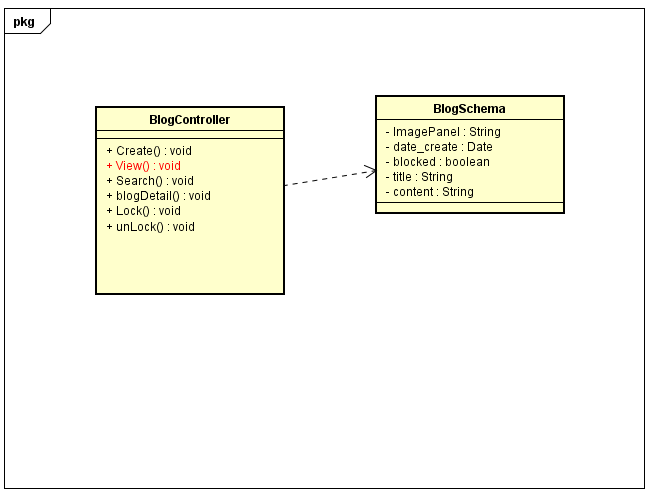


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BlogController | |
| **Description** | Insert new blog | |
| **Base Class** | Controller | |
| **Source File** | BlogController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Create() | Insert new blog |

## **View Blog**

### Class Diagram

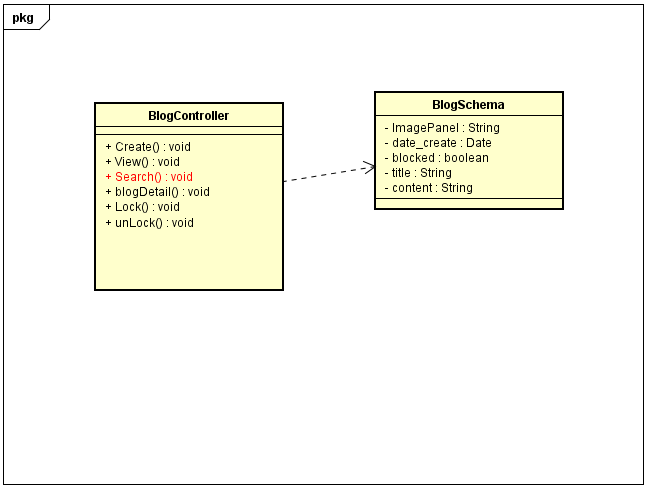


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BlogController | |
| **Description** | View all blog | |
| **Base Class** | Controller | |
| **Source File** | BlogController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| View() | View all blog |

## **Search Blog**

### Class Diagram

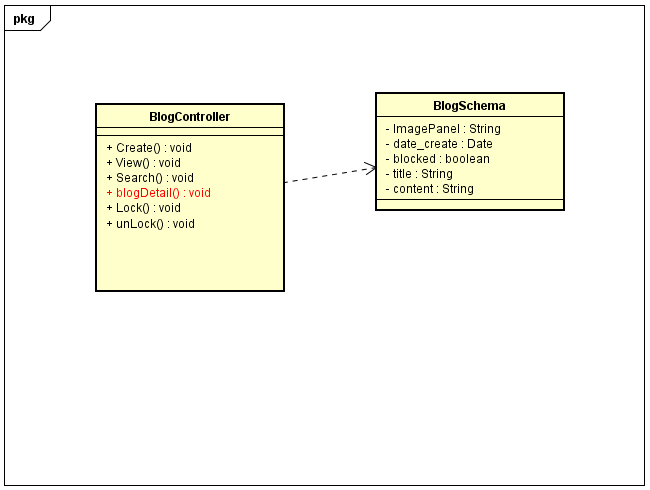


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BlogController | |
| **Description** | Seach blog by title | |
| **Base Class** | Controller | |
| **Source File** | BlogController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Search() | Search blog by title |

## **Blog Detail**

### Class Diagram

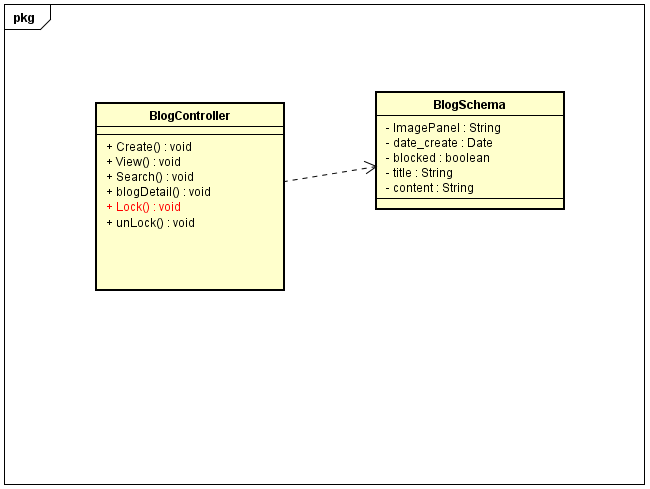


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BlogController | |
| **Description** | Show detail information of blog | |
| **Base Class** | Controller | |
| **Source File** | BlogController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| blogDetail() | Show detail information of blog |

## **Lock Blog**

### Class Diagram

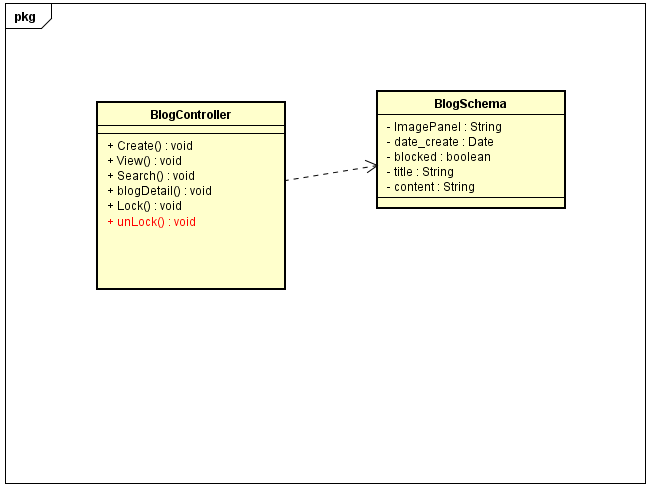


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BlogController | |
| **Description** | Update status of blog (lock) | |
| **Base Class** | Controller | |
| **Source File** | BlogController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Lock() | Update status of blog(lock) |

## **UnLock Blog**

### Class Diagram

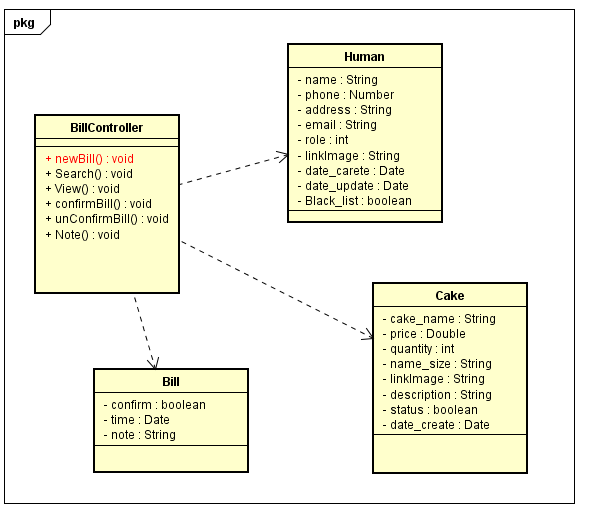


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BlogController | |
| **Description** | Update status of blog(open) | |
| **Base Class** | Controller | |
| **Source File** | BlogController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| unLock() | Update status of blog(open) |

## **Insert Bill**

### Class Diagram

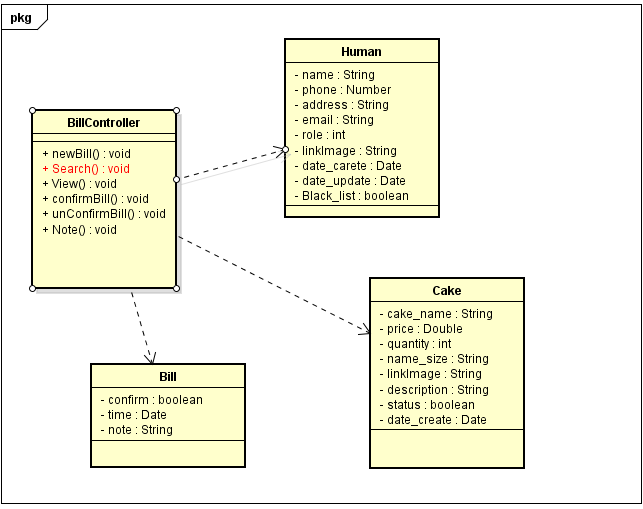


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BillController | |
| **Description** | Insert new bill | |
| **Base Class** | Controller | |
| **Source File** | BillController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| newBill() | Insert new bill |

## **Seach Bill**

### Class Diagram

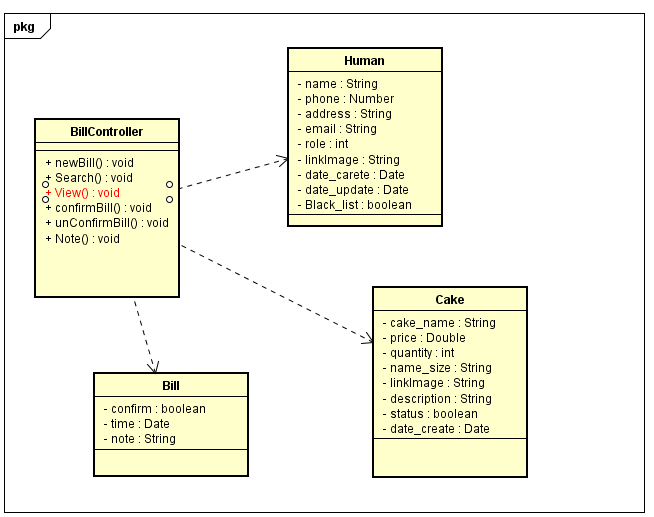


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BillController | |
| **Description** | Find bill | |
| **Base Class** | Controller | |
| **Source File** | BillController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Search() | Find bill |

## **View Bill**

### Class Diagram

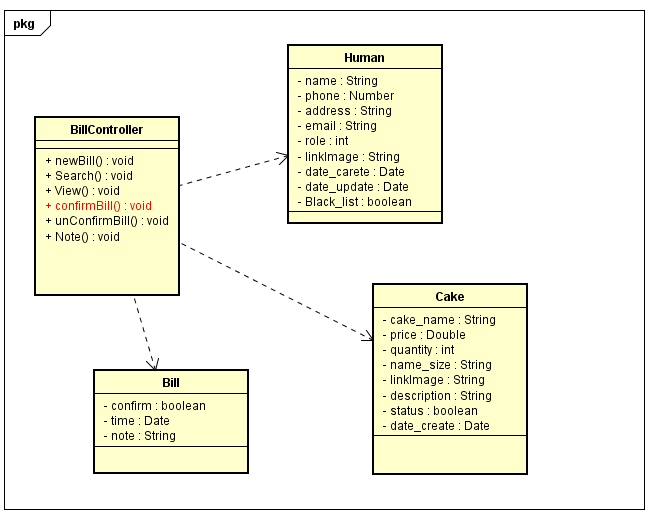


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BillController | |
| **Description** | View information of bill | |
| **Base Class** | Controller | |
| **Source File** | BillController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| View() | View information of bill |

## **Confirm Bill**

### Class Diagram

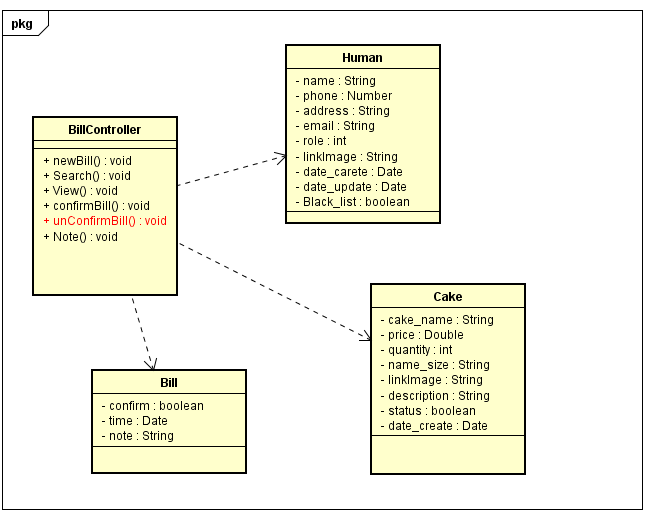


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BillController | |
| **Description** | Confirm bill | |
| **Base Class** | Controller | |
| **Source File** | BillController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| confirmBill() | Confirm bill |

## **Unconfirm Bill**

### Class Diagram

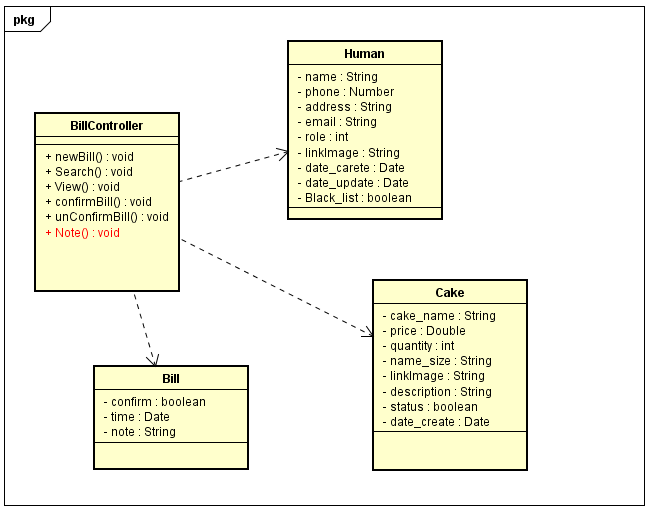


### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BillController | |
| **Description** | Unconfirm bill | |
| **Base Class** | Controller | |
| **Source File** | BillController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| unconfirmBill() | Unconfirm bill |

## **Note**

### Class Diagram



### Class Diagram Explanation

|  |  |  |
| --- | --- | --- |
| **Class** | BillController | |
| **Description** | Note information of bill | |
| **Base Class** | Controller | |
| **Source File** | BillController.js | |
| **Namespace** | Controllers | |
| **Attributes** | **N/A** | |
| **Methods** | **Name** | **Description** |
| Note() | Note information of bill |

## **View Human**

### Class Diagram

### Class Diagram Explanation

## **View Human**

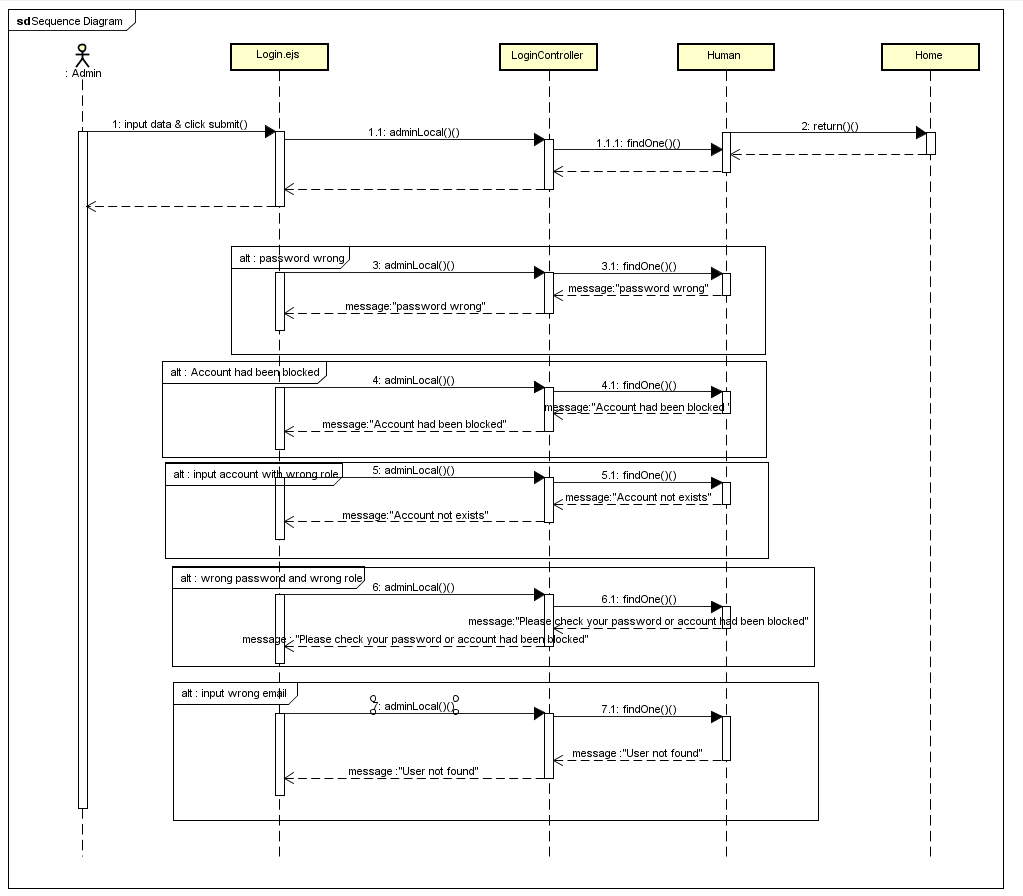
### Class Diagram

### Class Diagram Explanation

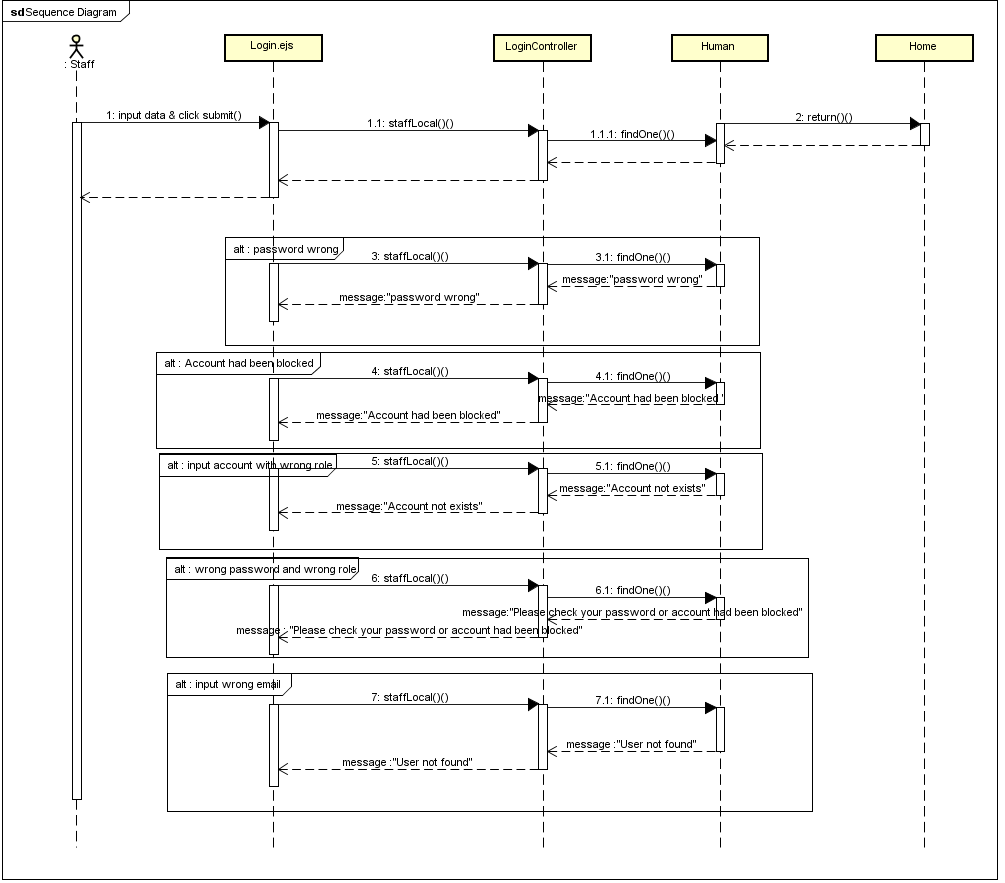
# **Sequence diagram**

## Login

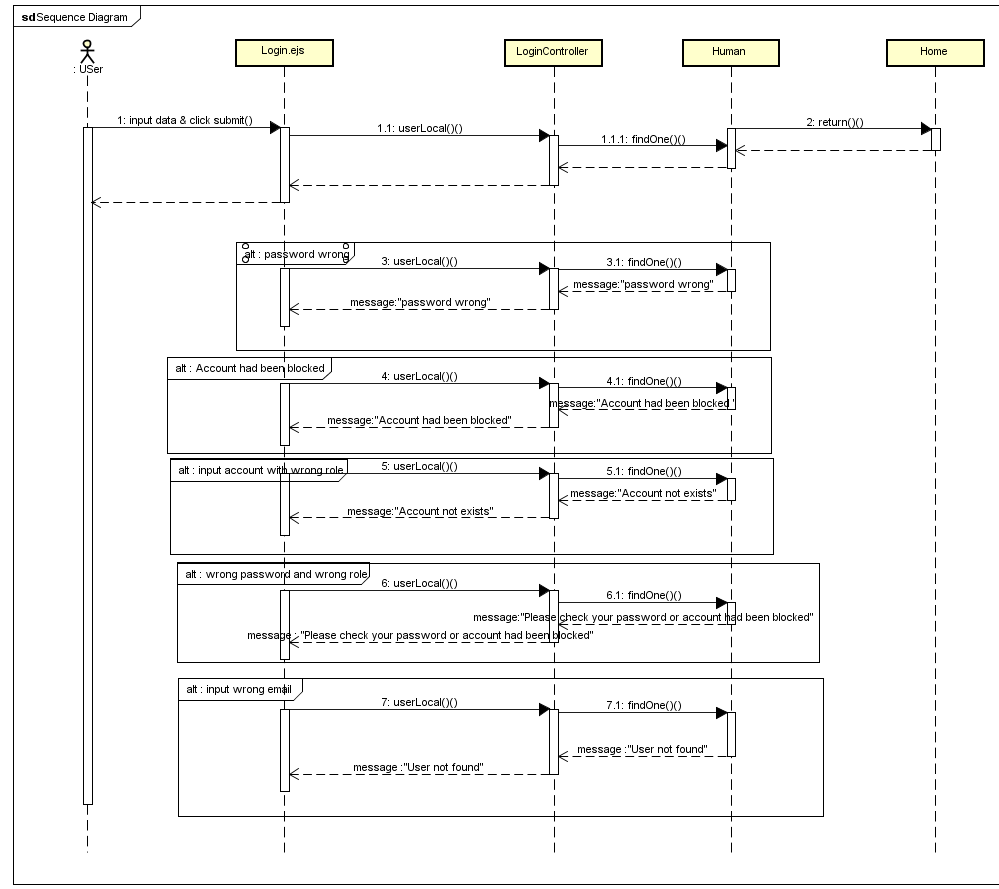
### Login Admin



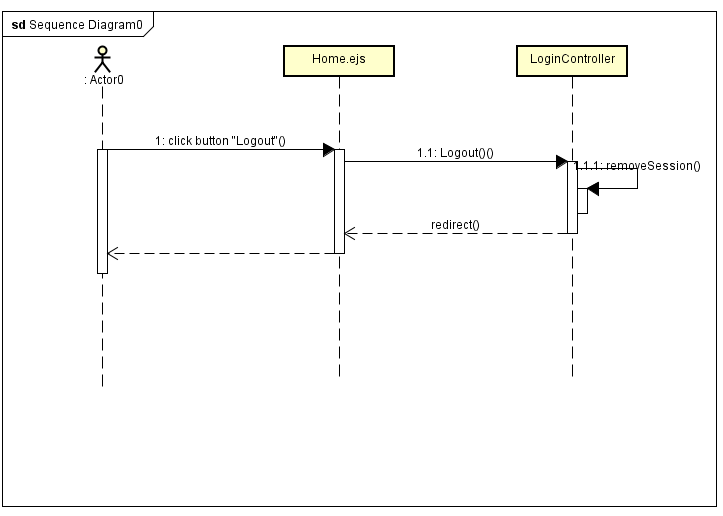
### Login Staff



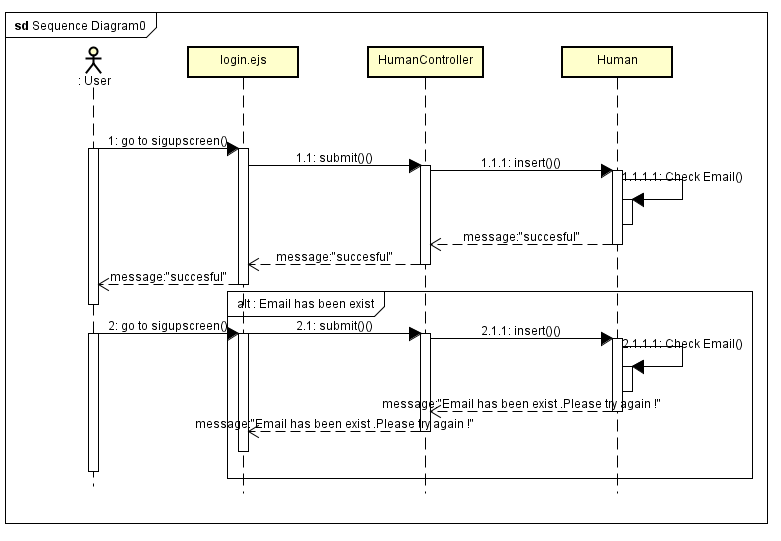
### Login User



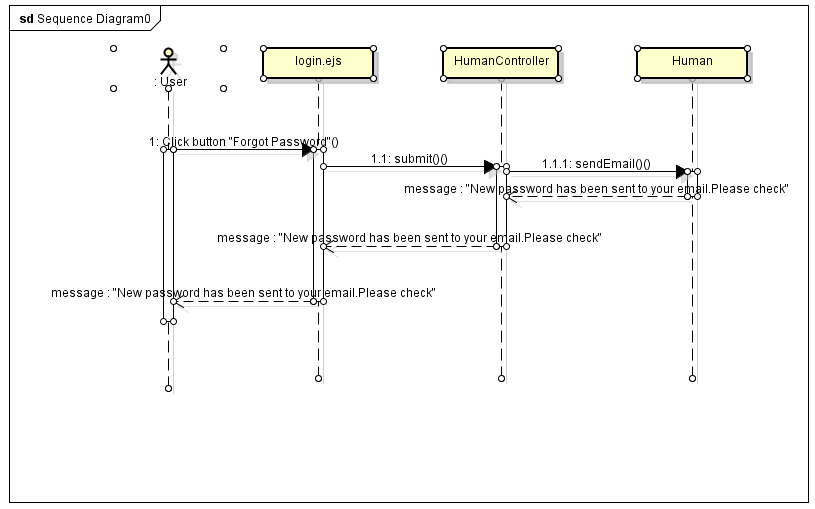
### Logout



### Login Register

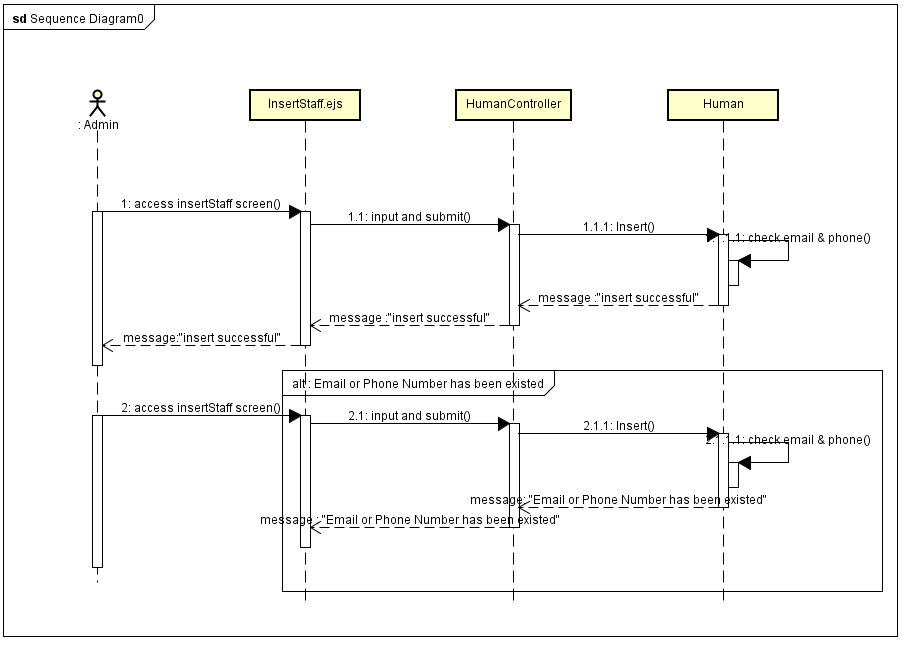


### Forgot Password

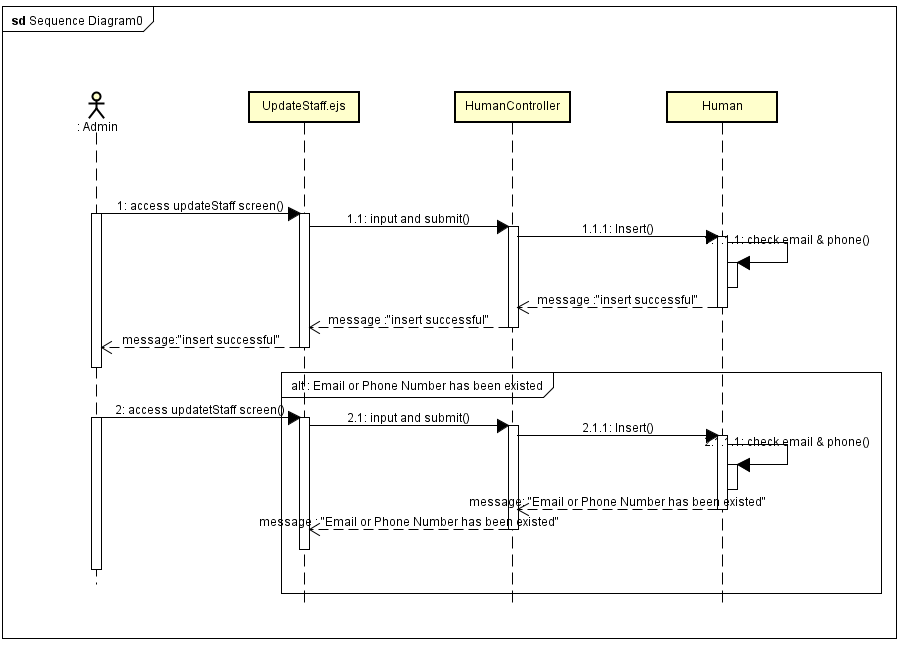


## Manage Account

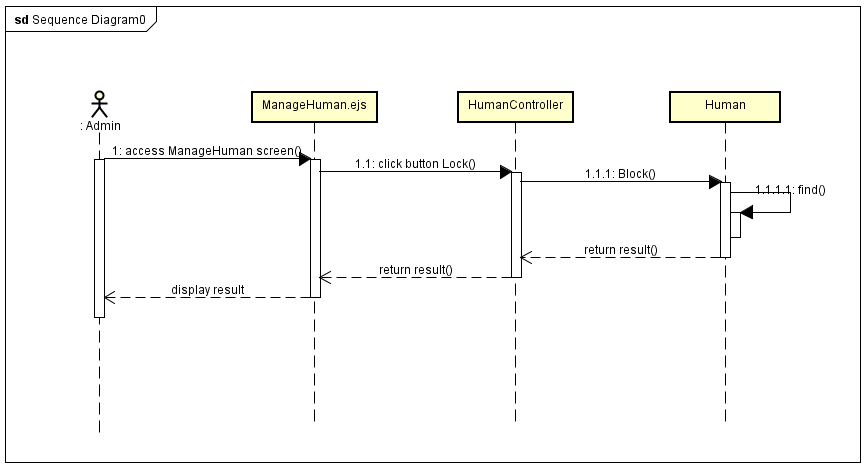
### Insert Staff



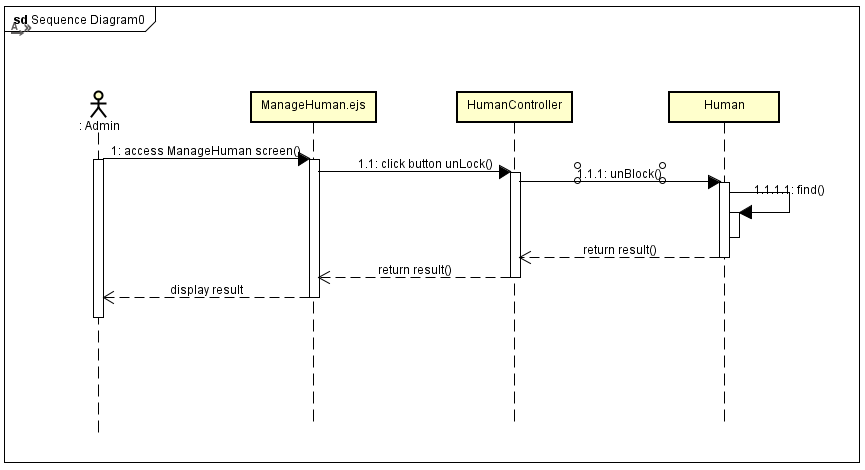
### Update Staff



### Lock Account

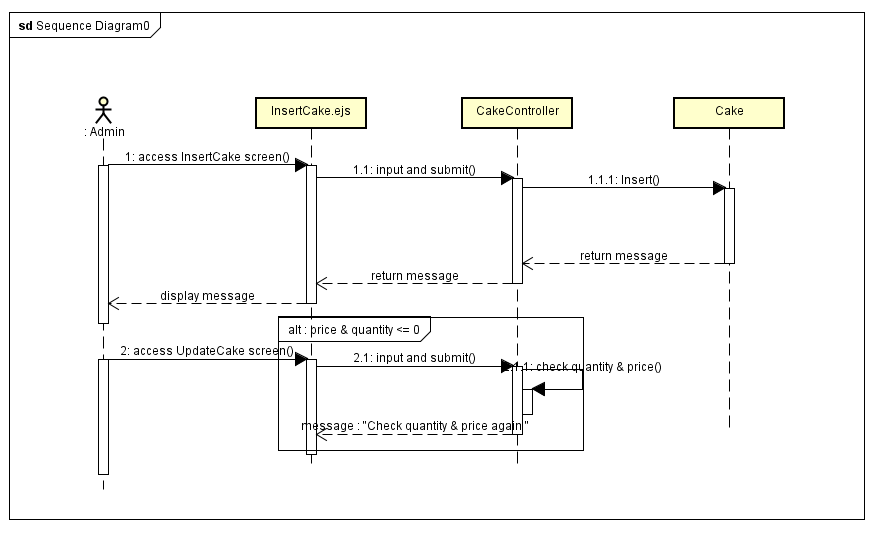


### UnLock Account

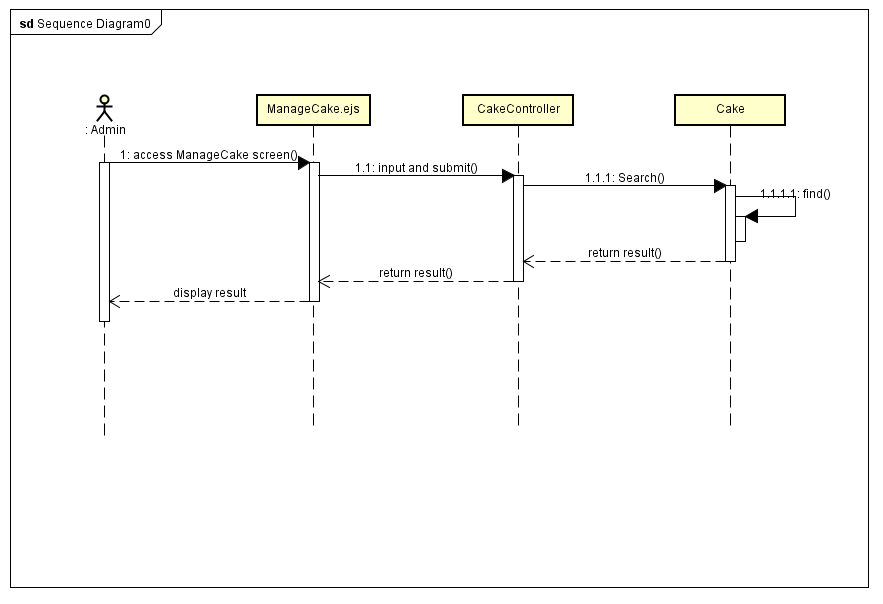


## Manage Cake

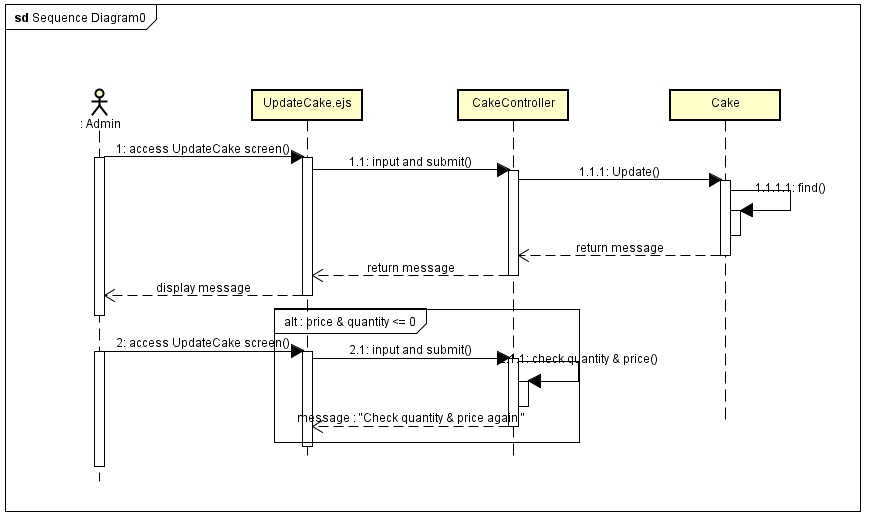
### Insert Cake



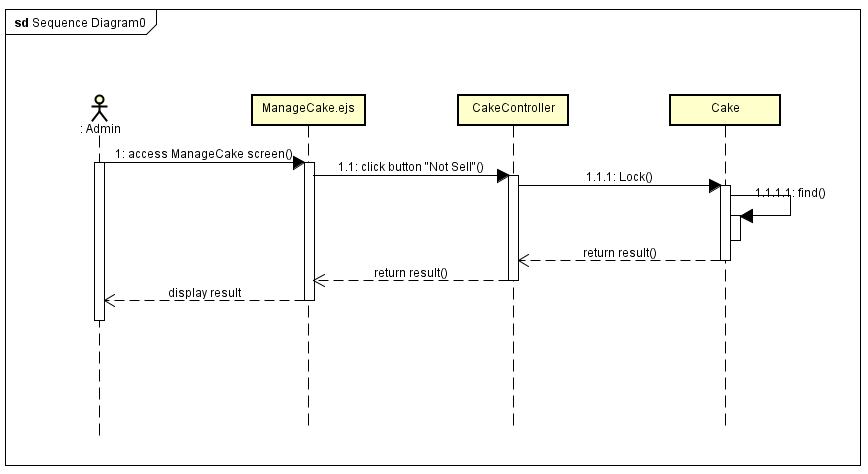
### Search Cake



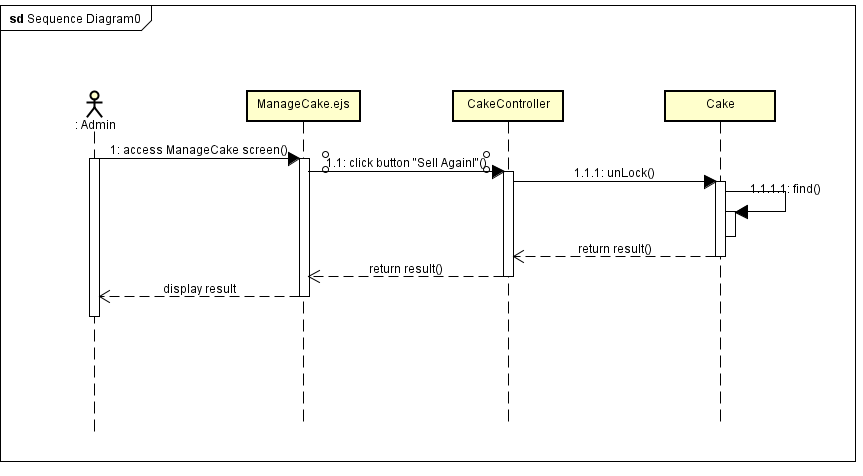
### Update Cake



### Lock Cake

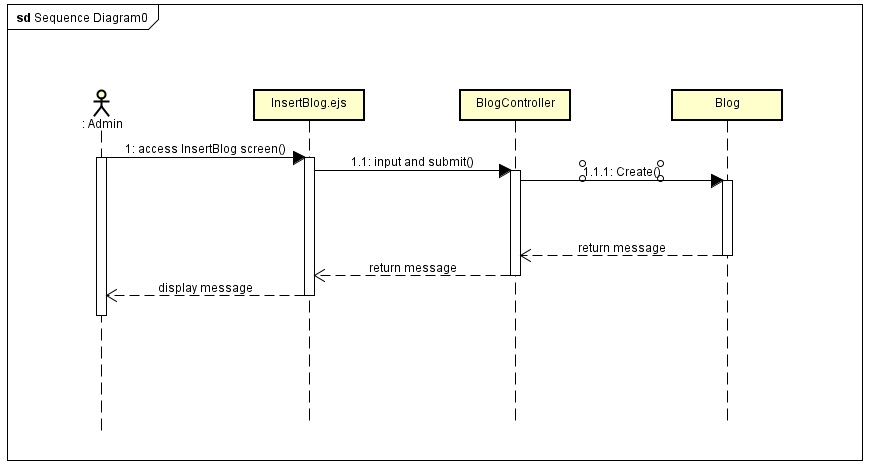


### UnLock Cake

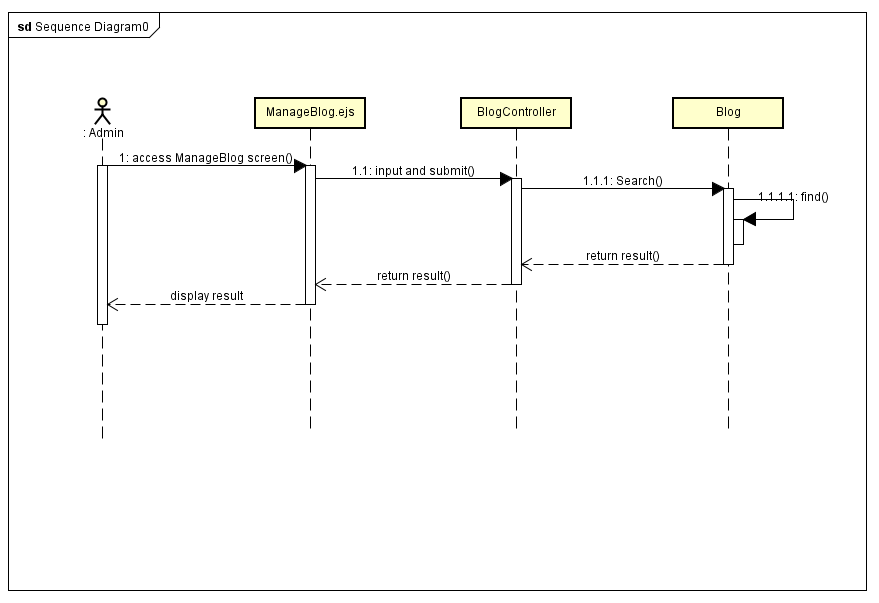


## Manage Blog

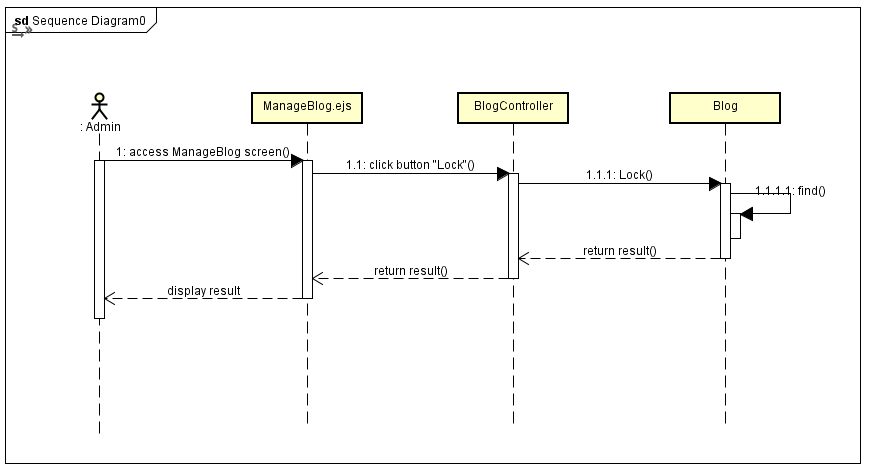
### Insert Blog



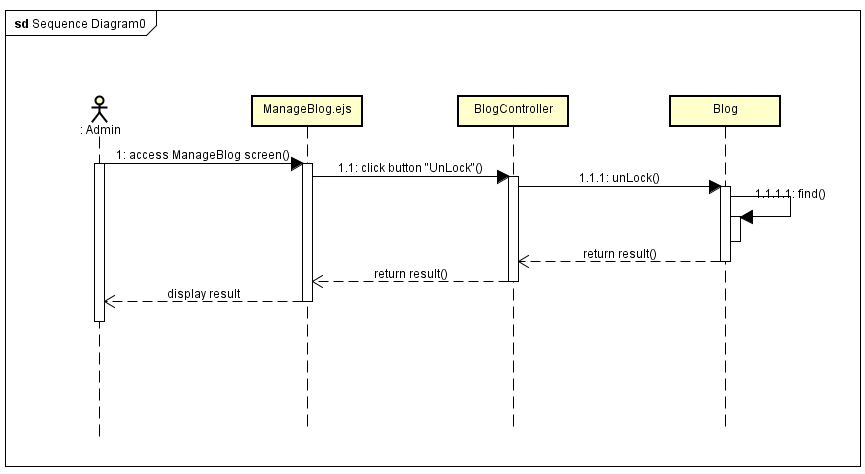
### Search Blog



### Lock Blog

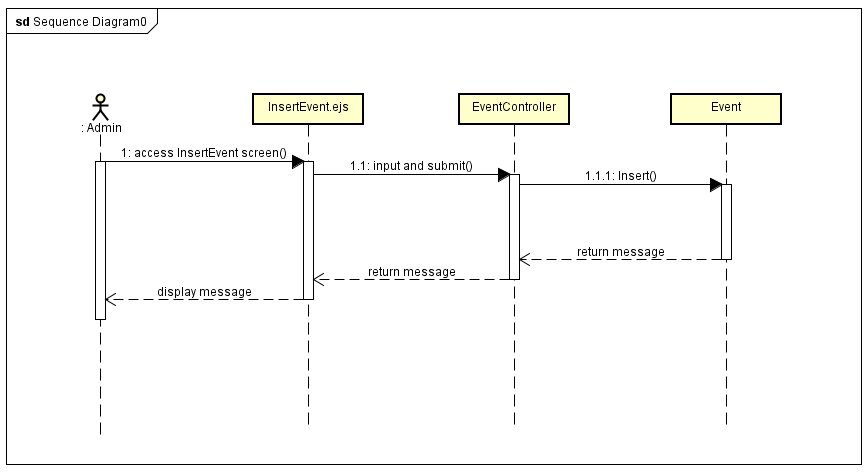


### UnLock Blog

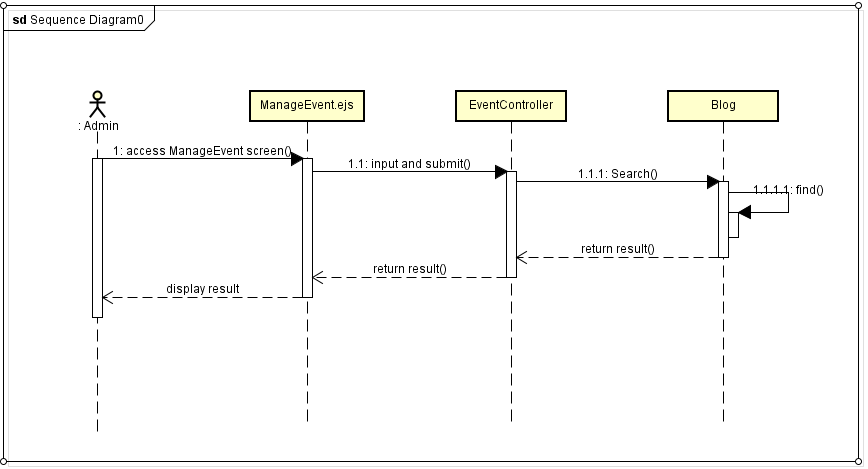


## Manage Event

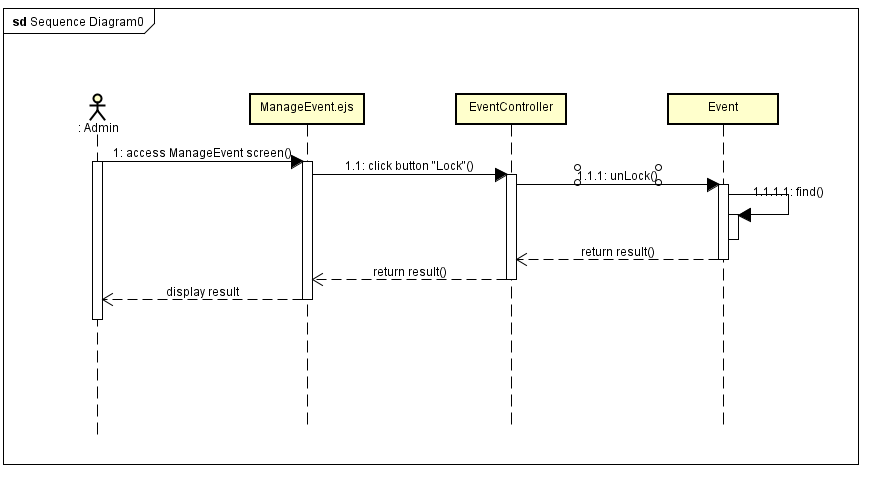
### Insert Event



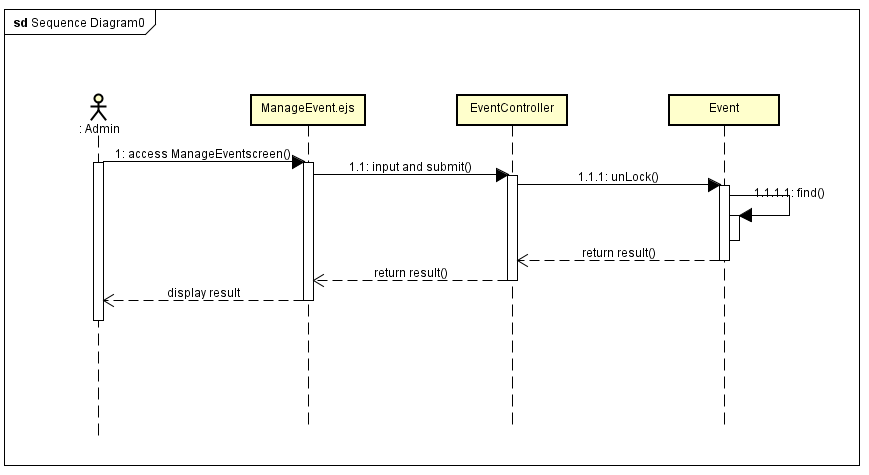
### Search Event



### Lock Event

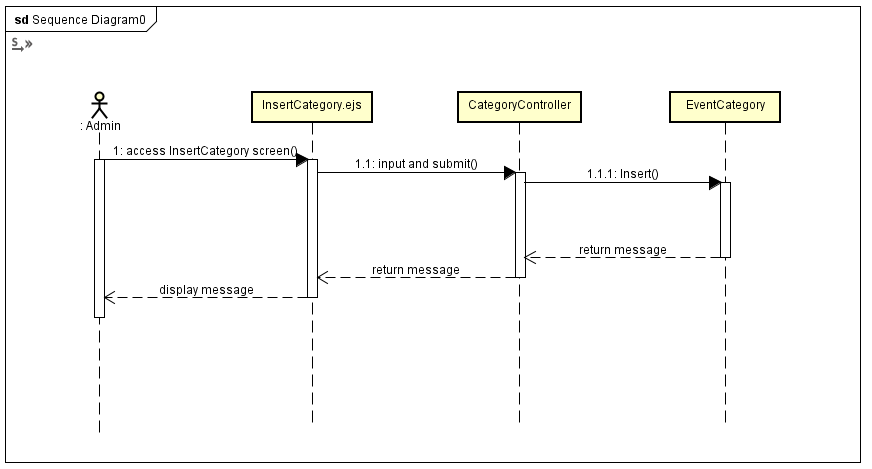


### Unlock Event

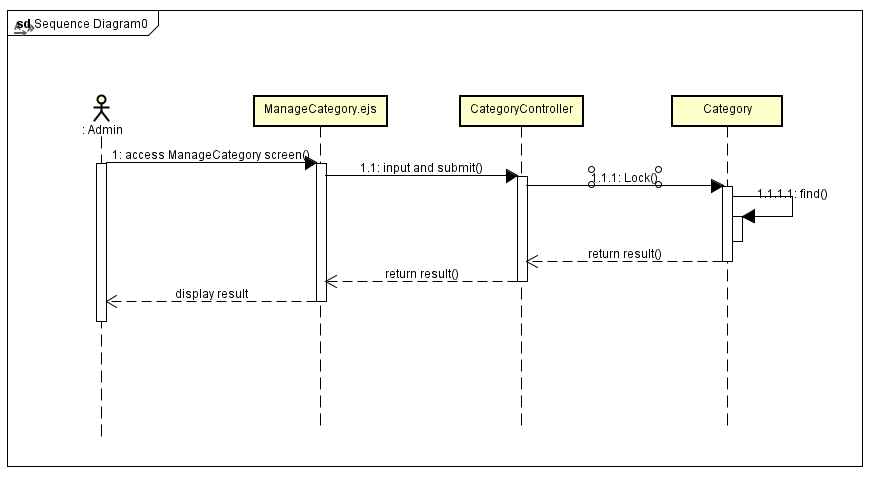


## Manage Category

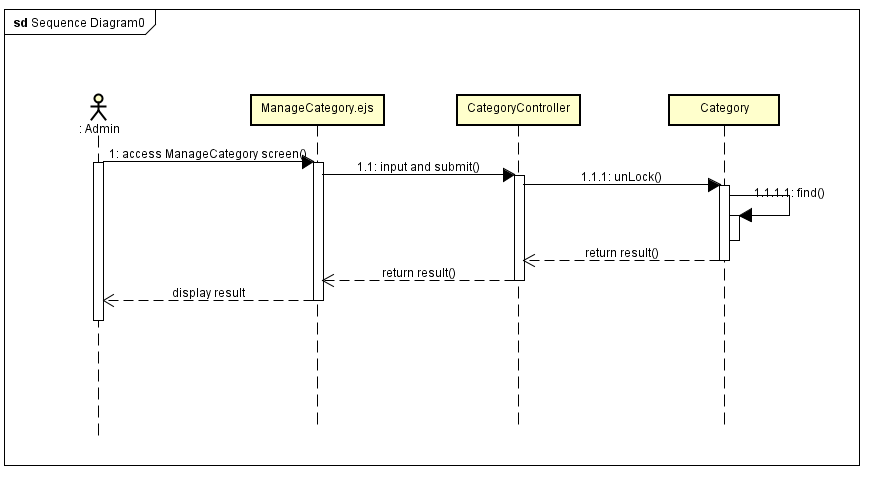
### Insert Category



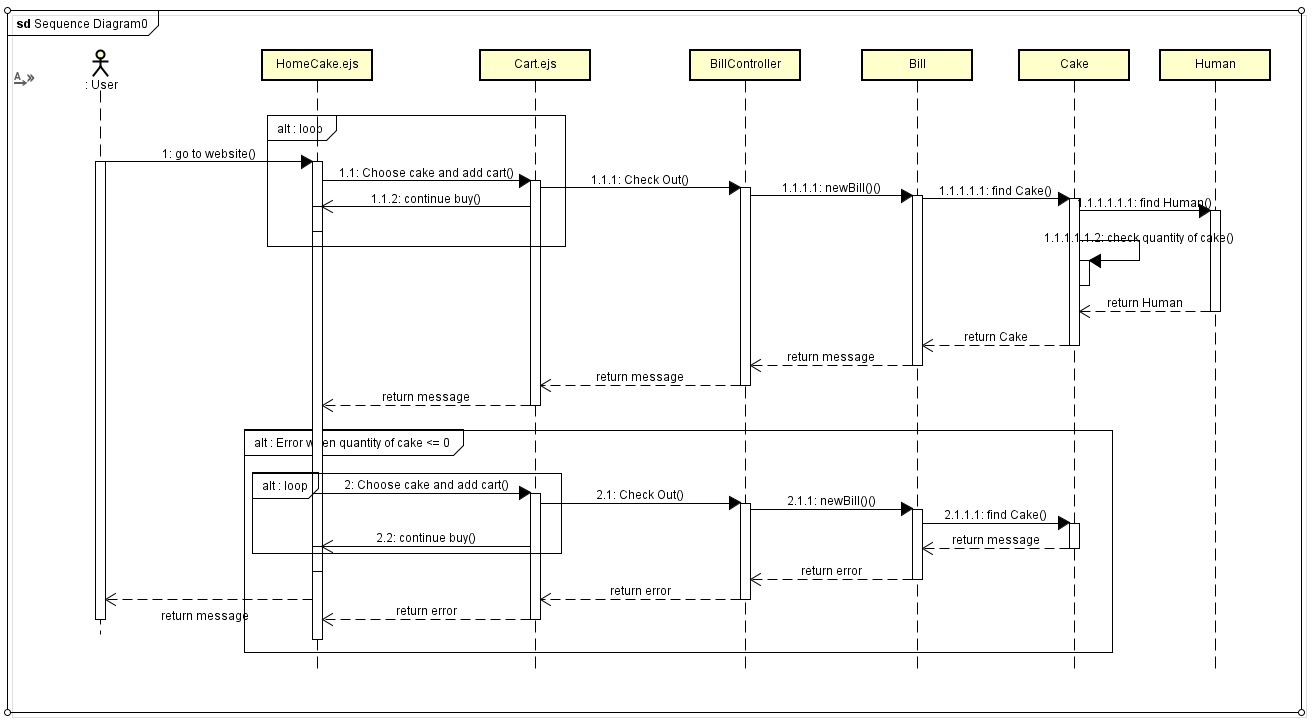
### Lock Category



### UnLock Category

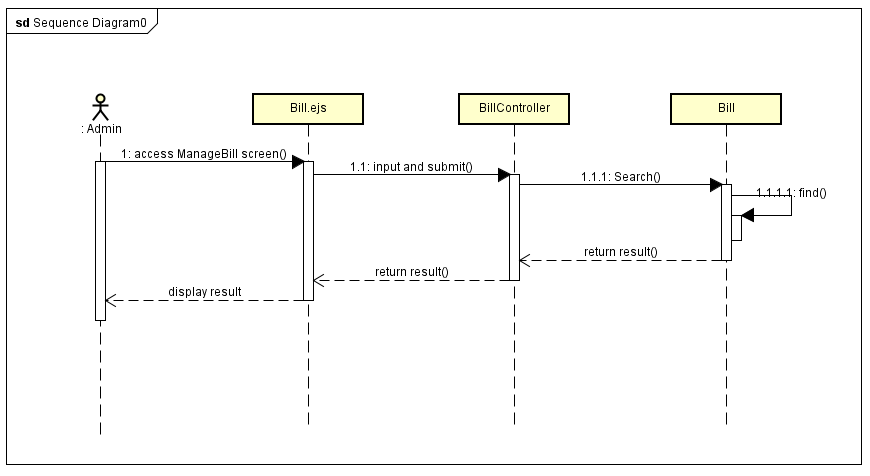


## Check Out

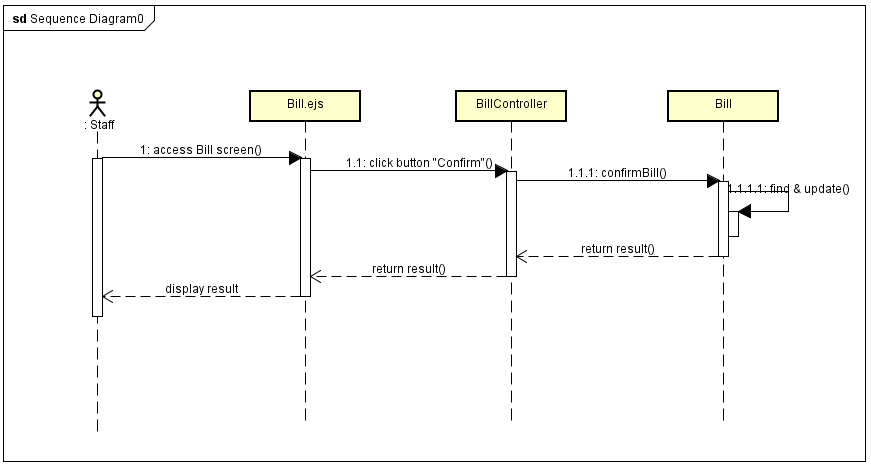


## Manage Bill

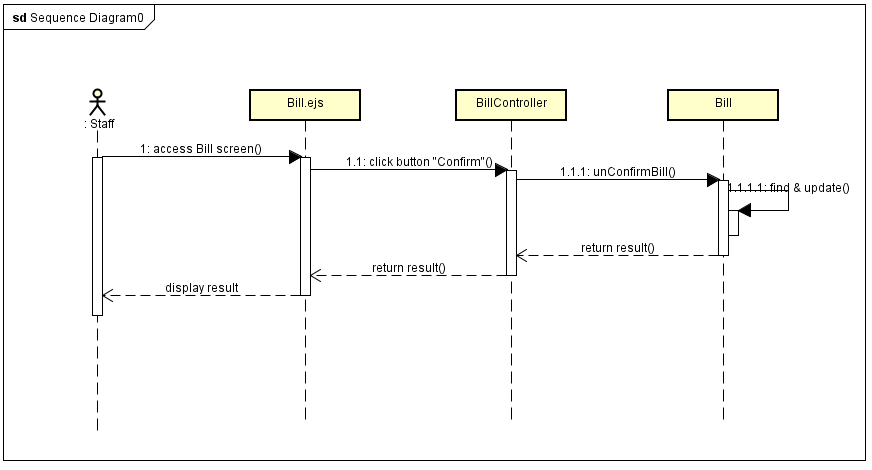
### Search Bill



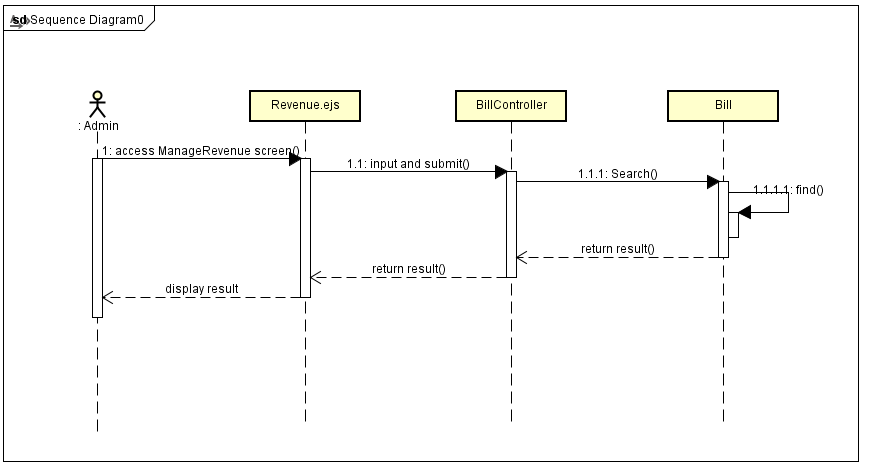
### Confirm Bill



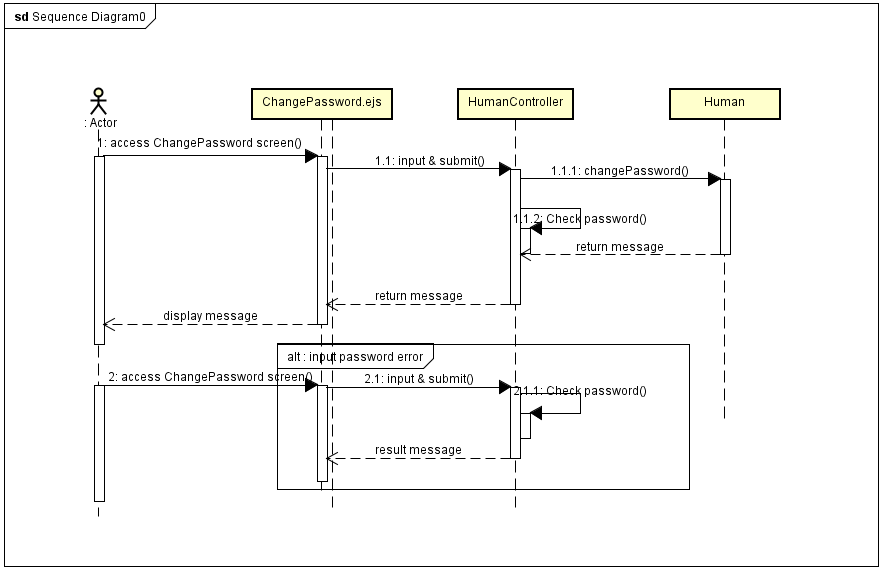
### Unconfirm Bill



## Search revenue



## Change Password



## Update Information

