**Cairo University Faculty of Computers and Information**



**CS352 – Software Engineering II**

**Phase 2-a Template**

**2015**

**Project Team**

|  |  |  |  |
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# Your Restful API

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| --- | --- |
| **Service name** | **registrationService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/RegistrationService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uname** | **provided username** | | **email** | **provided user email** | | **password** | **provided password** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/RegistrationService?uname=** **MohamedSamir3&email=m.samir@fci-cu.edu.eg&password=123456789** |
| **Example response** | **{"id":2,"Status":"OK"}** |

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| --- | --- |
| **Service name** | **LoginService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/LoginService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uname** | **Provided user name** | | **Password** | **Provided user password** | |
| **Example request** | **POST**  **http://socialnetwork-fci.appspot.com/rest/LoginService?uname=** **MohamedSamir3&password=123456789** |
| **Example response** | **{"id":1,"Status":"OK","email":"mohamed","name":"MohamedSamir3","password":"123456789"}** |

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| --- | --- |
| **Service name** | **addFriendService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/sendFriendRequestService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uname** | **Friend's username** | | **currentUser** | **current user in the system** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/sendFriendRequestService?uname=ziadMohamed&currentUser=MohamedSamir3** |
| **Example response** | **{"id":1,"Status":"Exists"}** |

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| --- | --- |
| **Service name** | **acceptFriendService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/acceptFriendRequestService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uname** | **Friend's username** | | **currentUser** | **current user in the system** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/acceptFriendRequestService?uname=MohamedSamir3&currentUser=ziadMohamed** |
| **Example response** | **{"id":3,"Status":"OK"}** |

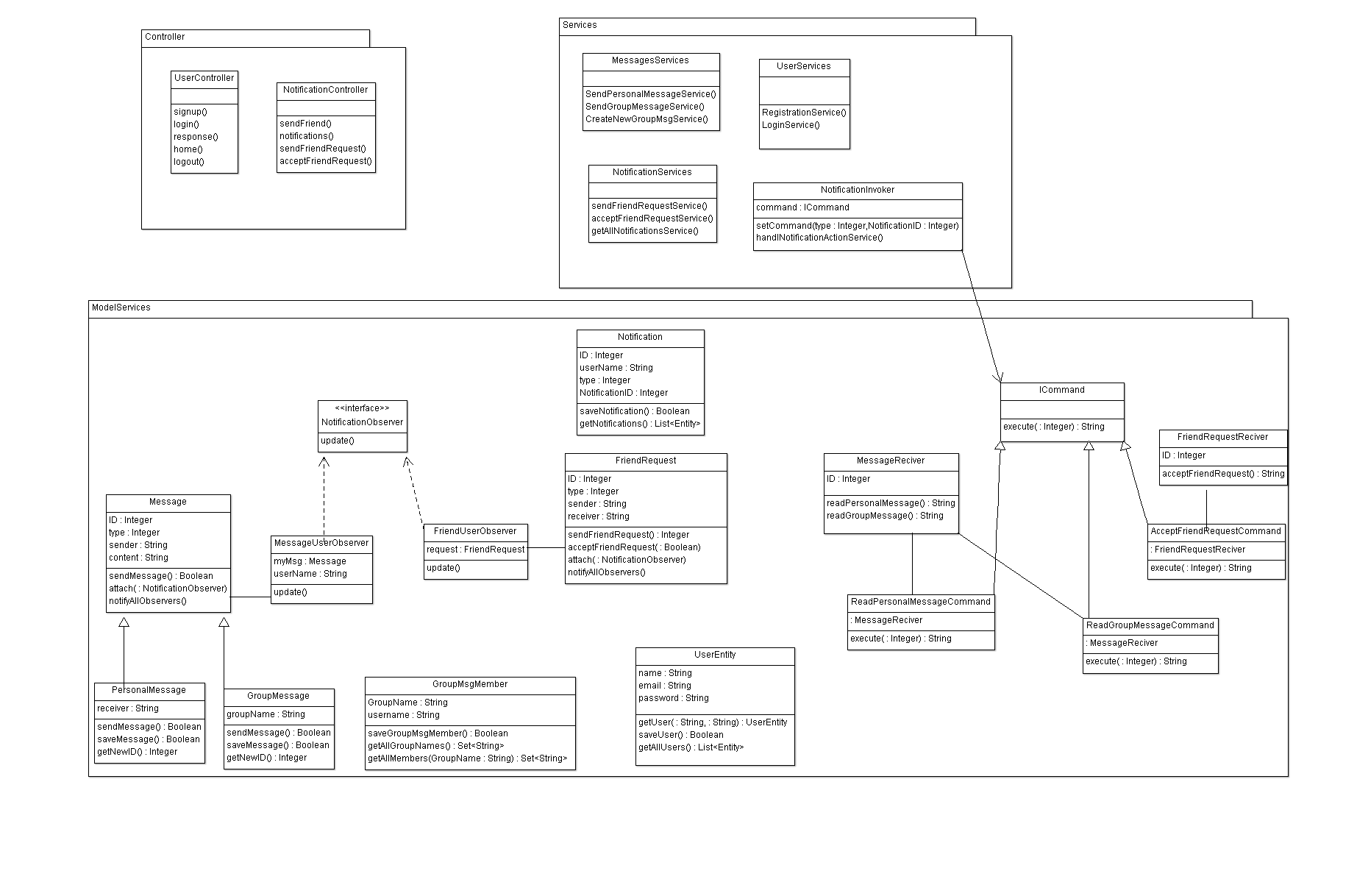
|  |  |
| --- | --- |
| **Service name** | **getAllNotificationsService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/getAllNotificationsService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uname** | **username of the current user** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/getAllNotificationsService?uname=MohamedSamir3** |
| **Example response** | **{"Notifications": "{{"ID":3,"username":"Ziad","type":"1","NotificationID":"4"} , {"ID":5,"username":"Heba","type":"2","NotificationID":"7"} }" }** |

|  |  |
| --- | --- |
| **Service name** | **SendPersonalMessageService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/SendPersonalMessageService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **sender** | **Message sender’s username** | | **receiver** | **Message receiver’s username** | | **Content** | **Message content** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/SendPersonalMessageService?sender=MohamedSamir3&reciever=ziadMohamed&content=Hi%20Ziad,%20what’s%20up?** |
| **Example response** | **{"id":1,"Status":"OK"}** |

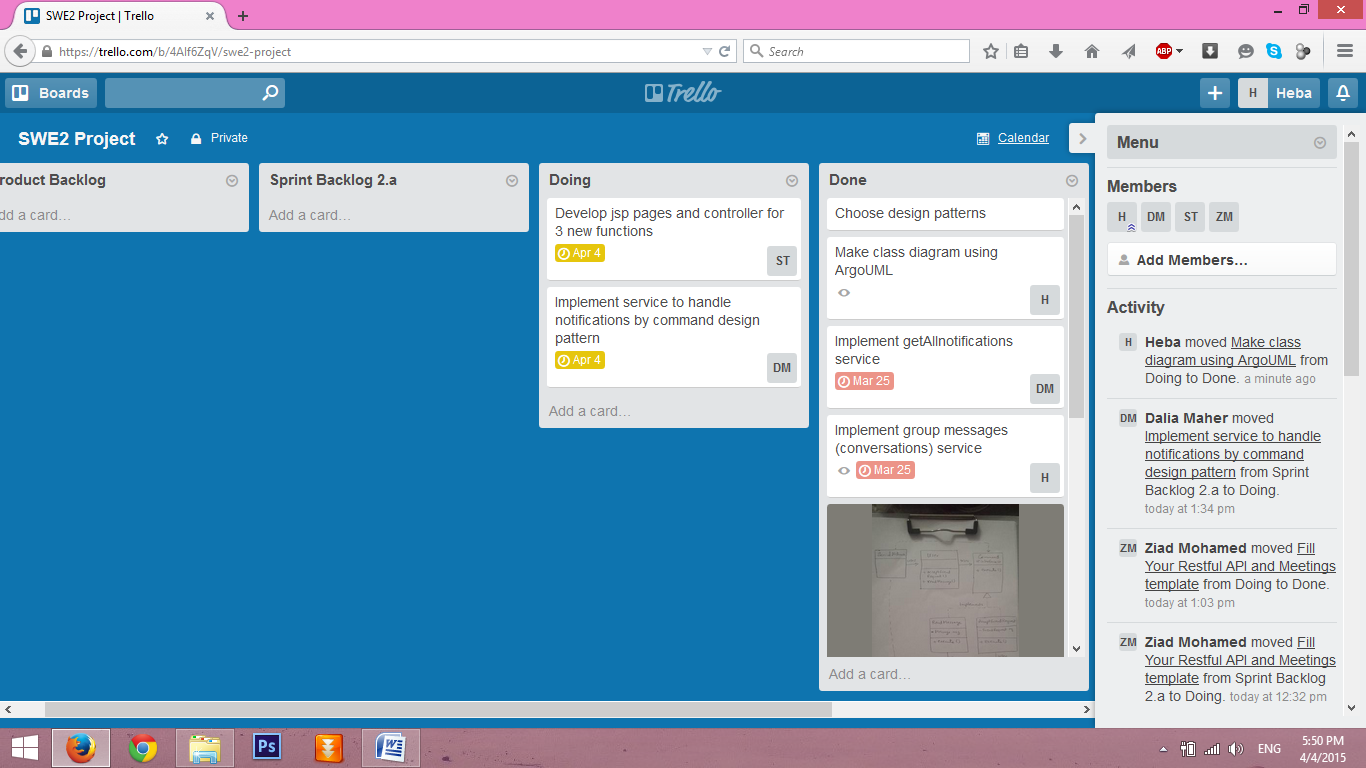
|  |  |
| --- | --- |
| **Service name** | **SendGroupMessageService** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/SendGroupMessageService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **sender** | **Message sender’s username** | | **GroupName** | **The group chat name that the user is currently in** | | **Content** | **Message content** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/SendGroupMessageService?sender=MohamedSamir3&reciever=SWE\_TAs&content=Hi%20guys** |
| **Example response** | **{"id":4,"Status":"OK"}** |

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| --- | --- |
| **Service name** | **CreateNewGroupMsg** |
| **Input type** | **POST** |
| **Service URL** | **http://socialnetwork-fci.appspot.com/rest/CreateNewGroupMsg** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **GroupName** | **The group chat name that will be created** | | **members** | **list of usernames that will be in the group** | |
| **Example request** | **http://socialnetwork-fci.appspot.com/rest/CreateNewGroupMsg?GroupName=SWE-TAs&members=MohamedSamir3** |
| **Example response** | **{"id":4,"Status":"Exists"}** |

# Class diagram design



# Trello workspace screenshot



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# Daily scrum Meetings

**Filled 8 templates for 8 meetings**

# Github repository link

**https://github.com/heba-khazbak/FCI-CS352-CS\_2.git  
  
Google app Engine V2  
http://2-dot-socialnetwork-fci.appspot.com/**