Cairo University Faculty of Computers and Information



**CS352 – Software Engineering II**

**Phase 1-c**

**2015**

**Project Team**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Name** | **Email** | **Mobile** |
| 20120364 | Mahmoud Mohamed Hadad | m.hadad@stud.fci-cu.edu.eg | 01117943793 |
| 20120062 | Ahmed Mohammed Fekry | ahmedfikry78@gmail.com | 01112059041 |
| 20120084 | Eslam Ebrahim Mohamed | altaiir\_brotherhood@yahoo.com | 01141731202 |
| 20120207 | Sherif Mohamed Farouk | sfarouk513@gmail.com | 01144967048 |

**Staff: Dr Mohammad El-Ramly m.elramly@fci-cu.edu.eg**

**TAs: Eng Mohamed Samir m.samir@fci-cu.edu.eg**

**Eng Desoky Abd El-qawy d.abdelqawy@fci-cu.edu.eg**

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# Your Restful API

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| --- | --- |
| **Service name** | **login** |
| **Input type** | **POST** |
| **Service URL** | **localhost:8888/social/login/** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **username** | **username that used to login** | | **password** | **the user's password** | |
| **Example request** | **POST**  **http://localhost:8888/rest/ login? username =** **eslam& password =123** |
| **Example response** | **{"id":1,"Status":"OK", name":" eslam ","password":"123"}** |

|  |  |
| --- | --- |
| **Service name** | **signout** |
| **Input type** | **POST** |
| **Service URL** | **localhost:8888/social/signout/** |
| **Parameters** | **No parameters** |
| **Example request** | **POST**  **http://localhost:8888/rest/ signout** |
| **Example response** | **{"id":1,"Status":"OK", name":" eslam ","password":"123"}** |

|  |  |
| --- | --- |
| **Service name** | **FriendRequest** |
| **Input type** | **POST** |
| **Service URL** | http://localhost:8888/social/FriendRequest |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **senderUser** | **Sender username** | | **friendUser** | **Username of the receiver** | | **senderPassword** | **Password of sender** | |
| **Example request** | http://localhost:8888/social/FriendRequest? **senderUser=hadad& friendUser=sherif& senderPassword=123** |
| **Example response** | **{“Status”:”OK”}** |

|  |  |
| --- | --- |
| **Service name** | **AddFriend** |
| **Input type** | **POST** |
| **Service URL** | http://localhost:8888/social/AddFriend |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **senderUser** | **Username of request sender** | | **friendUser** | **Username of the request receiver** | | **senderPassword** | **Password of request receiver (who accepts the request)** | |
| **Example request** | http://localhost:8888/rest/AddFriend **senderUser=hadad& friendUser=sherif& senderPassword=123** |
| **Example response** | **{“Status”:”Failed”}** |

|  |  |
| --- | --- |
| **Service name** | **FriendRequestService** |
| **Input type** | **POST** |
| **Service URL** | http://localhost:8888/rest/**FriendRequestService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **senderUser** | **Sender username** | | **friendUser** | **Username of the receiver** | | **senderPassword** | **Password of sender** | |
| **Example request** | http://localhost:8888/rest/**FriendRequestService**? **senderUser=hadad& friendUser=sherif& senderPassword=123** |
| **Example response** | **{“Status”:”OK”}** |

|  |  |
| --- | --- |
| **Service name** | **AddFriendService** |
| **Input type** | **POST** |
| **Service URL** | http://localhost:8888/rest/AddFriendService |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **senderUser** | **Username of request sender** | | **friendUser** | **Username of the request receiver** | | **senderPassword** | **Password of request receiver (who accepts the request)** | |
| **Example request** | http://localhost:8888/rest/AddFriendService **senderUser=hadad& friendUser=sherif& senderPassword=123** |
| **Example response** | **{“Status”:”OK”}** |

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|  |  |
| --- | --- |
| **Service name** | **MyFriends** |
| **Input type** | **POST** |
| **Service URL** | http://localhost:8888/rest/MyFriends |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uName** | **Username of current user** | | **password** | **Password of current user** | |
| **Example request** | http://localhost:8888/rest/MyFriends **uName=hadad& password=123** |
| **Example response** | **{“Status”:”Failed”}** |

|  |  |
| --- | --- |
| **Service name** | **getFriendRequests** |
| **Input type** | **POST** |
| **Service URL** | http://localhost:8888/rest/getFriendRequests |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uName** | **Username of current user** | | **password** | **Password of current user** | |
| **Example request** | http://localhost:8888/rest/getFriendRequests**uName=hadad& password=123** |
| **Example response** | **{“Status”:”Failed”}** |

# Frontend

* **In this phase you should implement frontend and use services (from phase1-b)**
* ***Note: You may create new project for frontend (Android frontend will be separate project). In web frontend, you may update your project to contain also frontend implementation so you will have some packages responsible for frontend and some packages responsible for services (this will change in phase 2)***
* **Provide at least 2 screen shots for your frontend interface (Web or android)**
* **For web frontend: provide homepage link for your project**
* **For Android frontend: provide apk for your project (you may upload this apk separately or include apk in your android**

# Daily scrum Meetings

* **Given in the attached document**

# Github repository link

* **https://github.com/ahmedfekry/FCI-CS352-MASE**