

Cairo University Faculty of Computers and Information

**CS352 – Software Engineering II**

**Phase 1-b**

**2016**

**LocalArea**

**Project Team**

|  |  |  |
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# Restful API

**Login:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/login |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | email | User email | | password | User password | |
| Example request | POST  http://localhost:8080/FCISquare/rest/login  Content-Type: application/x-www-form-urlencoded  email=m.samir&pass=123456789 |
| Example response | {"id":4,"email":"m.samir","name":"mohamed","long":31.2088526,"lat":30.013055700000002,"pass":"123456789"} |

**SignUp:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/signup |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | name | User name | | email | User email | | password | User password | |
| Example request | POST  http://localhost:8080/FCISquare/rest/ signup  Content-Type: application/x-www-form-urlencoded  name=Ibrahim&email=Ibrahim@gmail.com&pass=123456789 |
| Example response | {"id":8,"email":"ibrahim@gmail.com","name":"Ibrahim","long":0.0,"lat":0.0,"pass":"123456789"} |

**UpdateMyPosition:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/updatePosition |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | id | User id | | lat | Latitude of current user's position | | long | Longitude of current user's position | |
| Example request | POST  http://localhost:8080/FCISquare/rest/ updatePosition  Content-Type: application/x-www-form-urlencoded  id=4&lat=30.0310036&long=31.2127736 |
| Example response | {"status":1} |

**Follow:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/followUser |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | followerID | follower user ID | | followedEmail | Followed user email | |
| Example request | POST  http://localhost:8080/FCISquare/rest/followUser  Content-Type: application/x-www-form-urlencoded  followerID=1&followedEmail=mohamed@samir.com |
| Example response | {“status”:”OK”} |

**Unfollow:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/unFollowUser |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | followerID | follower user ID | | followedEmail | Followed user email | |
| Example request | POST  http://localhost:8080/FCISquare/rest/unFollowUser  Content-Type: application/x-www-form-urlencoded  followerID=1&followedEmail=mohamed@samir.com |
| Example response | {“status”:”OK”} |

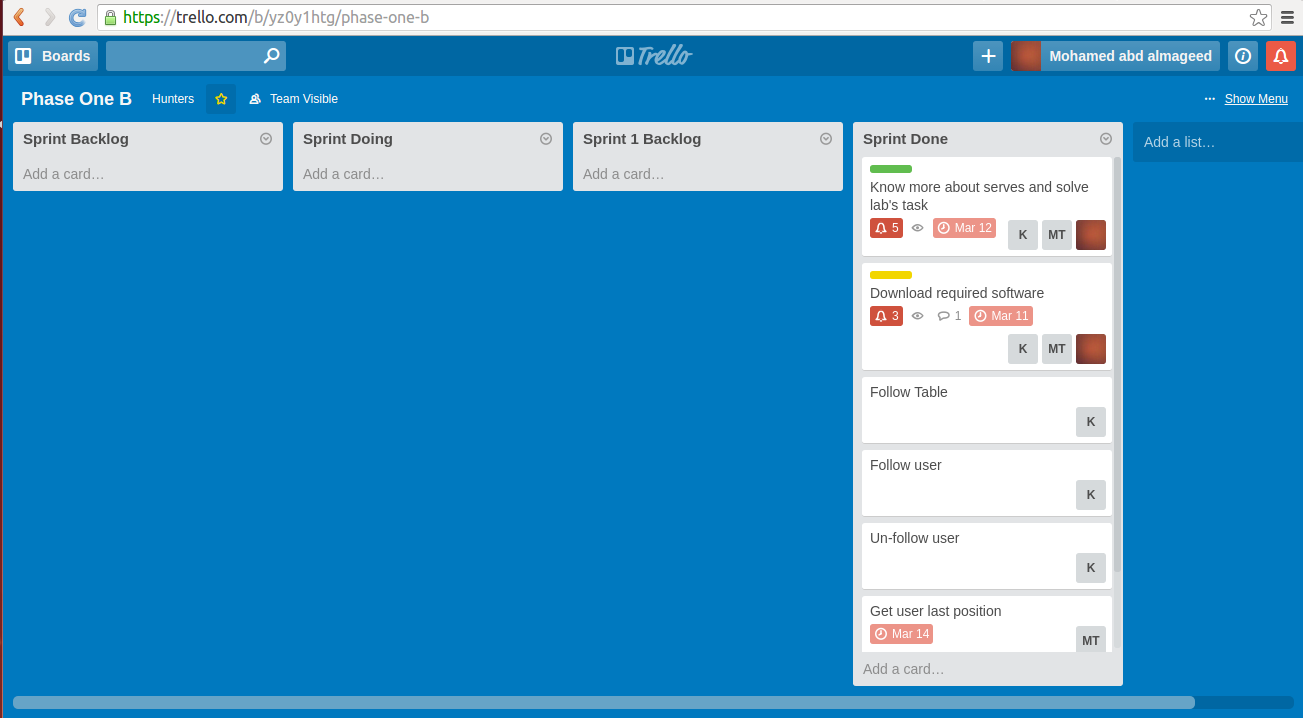
**getfollowers:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/getfollowers |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | ID | User ID to get it's followers | |
| Example request | POST  http://localhost:8080/FCISquare/rest/getfollowers  Content-Type: application/x-www-form-urlencoded  ID=1 |
| Example response | {“list”:[{“id”:2}, {“id”:3}, {“id”:4}, “{id”:5}]} |

**getUserLastPosition:**

|  |  |
| --- | --- |
| Service url | http://localhost:8080/FCISquare/rest/getUserLastPosition |
| Input type | POST |
| Parameters | |  |  | | --- | --- | | **Parameter name** | **Description** | | email | User email to get his last position | |
| Example request | POST  http://localhost:8080/FCISquare/rest/getUserLastPosition  Content-Type: application/x-www-form-urlencoded  email=mohamed@samir.com |
| Example response | {“lat”:35.0, “long”:30.0} |

# Trello workspace screenshot



**Daily** **Scrum** **Meetings**

We used to meet everytime before we work, we discussed things like did someone face any problems running the services or running the workspace, and what are we intending to implement each day.

# Github repository link

Backend reposirtory: <https://github.com/MohamedTaher/LocalAreaBackend>

Frontend reposirtory: <https://github.com/MohamedTaher/LocalAreaFrontend>