

# FCISquare

CS352 - Software Engineering II

Project - Phase 1-b

2015 - 2016

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# Restful API

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## 1- Login

Service URL	<a href="http://localhost:8080/FCISquare/rest/login">http://localhost:8080/FCISquare/rest/login</a>	
Input Type	POST	
Parameters	Parameter Name	Description
	<i>email</i>	User's email
	<i>pass</i>	User's password
Example request	POST <a href="http://localhost:8080/FCISquare/rest/login">http://localhost:8080/FCISquare/rest/login</a> Content-Type: application/x-www-form-urlencoded  email=m.samir&pass=123456789	
Example response	{ <i>"id":4,"email":"m.samir","name":"mohamed","Long":31.2088526,"lat":30.013055700000002,"pass":"123456789"}</i> }	

## 2- Signup

Service URL	<a href="http://localhost:8080/FCISquare/rest/signup">http://localhost:8080/FCISquare/rest/signup</a>	
Input Type	POST	
Parameters	Parameter Name	Description
	<i>name</i>	User's name
	<i>email</i>	User's email
	<i>pass</i>	User's password
Example request	POST <a href="http://localhost:8080/FCISquare/rest/signup">http://localhost:8080/FCISquare/rest/signup</a> Content-Type: application/x-www-form-urlencoded  name=mohamed&email=m.samir&pass=123456789	
Example response	{ <i>"id":8,"email":"m.samir","name":"mohamed","Long":0.0,"lat":0.0,"pass":"123456789"}</i> }	

### 3- UpdateMyPosition

Service URL	<a href="http://localhost:8080/FCISquare/rest/updatePosition">http://localhost:8080/FCISquare/rest/updatePosition</a>	
Input Type	POST	
Parameters	Parameter Name	Description
	<i>id</i>	User's unique ID
	<i>lat</i>	Latitude of current user's position
	<i>lng</i>	Longitude of current user's position
Example request	POST <a href="http://localhost:8080/FCISquare/rest/updatePosition">http://localhost:8080/FCISquare/rest/updatePosition</a> Content-Type: application/x-www-form-urlencoded  email=m.samir&pass=123456789	
Example response	{ <i>"id":4,"email":"m.samir","name":"mohamed","Long":31.2088526,"lat":30.013055700000002,"pass":"123456789"}</i> }	

### 4- FollowUser

Service URL	<a href="http://localhost:8080/FCISquare/rest/follow">http://localhost:8080/FCISquare/rest/follow</a>	
Input Type	POST	
Parameters	Parameter Name	Description
	<i>srcid</i>	User's (Follower) unique ID
	<i>dstid</i>	User's (Followed) unique ID
Example request	POST <a href="http://localhost:8080/FCISquare/rest/follow">http://localhost:8080/FCISquare/rest/follow</a> Content-Type: application/x-www-form-urlencoded  srcid=2&dstid=5	
Example response	{ <i>"status": 1</i> }	

## 5- GetFollowers

Service URL	<a href="http://localhost:8080/FCISquare/rest/followers">http://localhost:8080/FCISquare/rest/followers</a>	
Input Type	GET	
Parameters	Parameter Name	Description
	<i>id</i>	User's unique ID
Example request	GET <a href="http://localhost:8080/FCISquare/rest/followers">http://localhost:8080/FCISquare/rest/followers</a> Content-Type: application/x-www-form-urlencoded  <i>id=3</i>	
Example response	<i>Followers:</i> <i>2 : Mohamed</i> <i>5 : Ibrahim</i> <i>10 : Mohamed</i>	

## 6- UnfollowUser

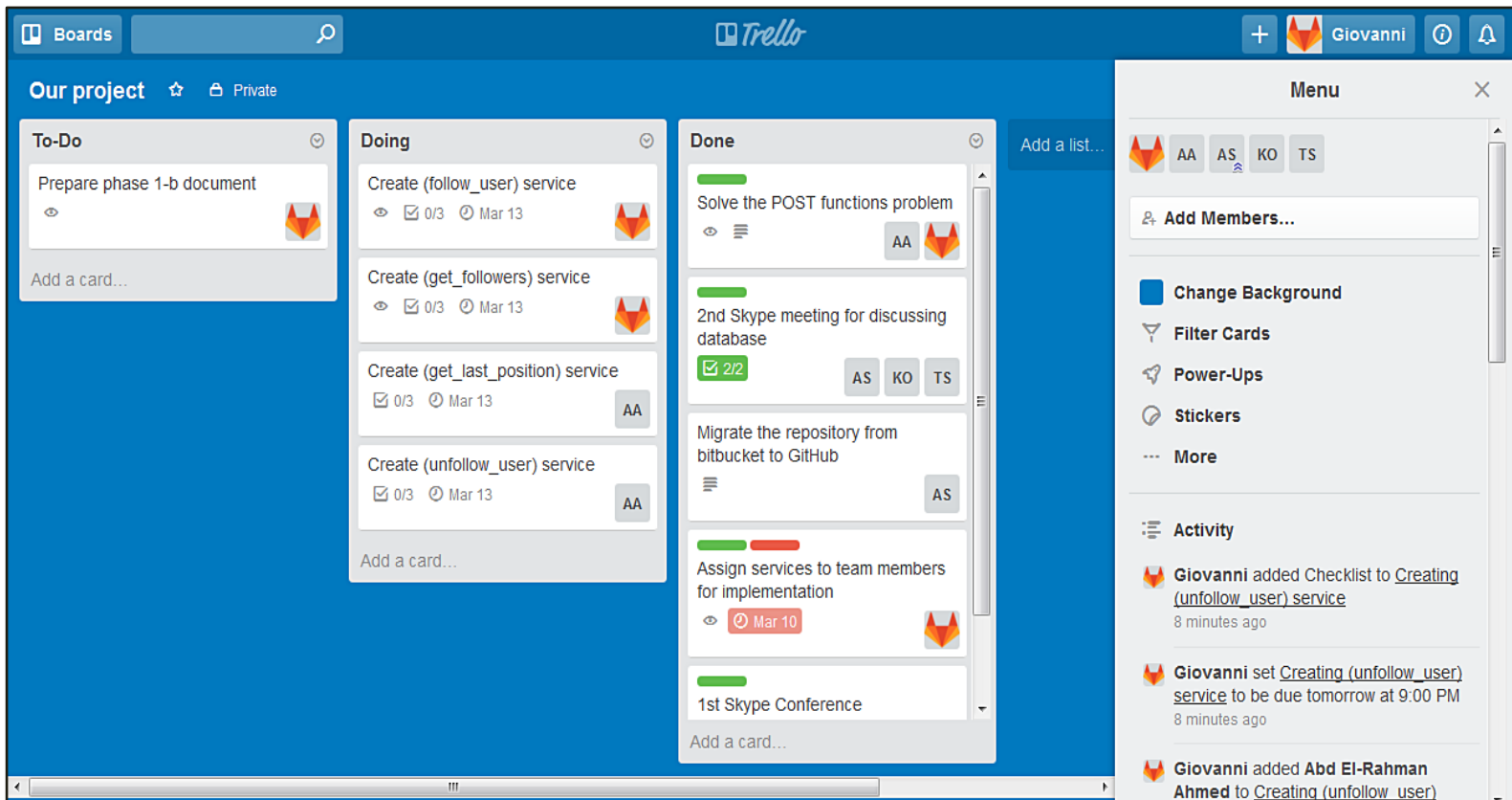
Service URL	<a href="http://localhost:8080/FCISquare/rest/unfollow">http://localhost:8080/FCISquare/rest/unfollow</a>	
Input Type	POST	
Parameters	Parameter Name	Description
	<i>srcid</i>	User's (Follower) unique ID
	<i>dstid</i>	User's (Followed) unique ID
Example request	POST <a href="http://localhost:8080/FCISquare/rest/unfollow">http://localhost:8080/FCISquare/rest/unfollow</a> Content-Type: application/x-www-form-urlencoded  <i>srcid=1&amp;dstid=3</i>	
Example response	<i>{"status": 1}</i>	

## 7- GetLastPosition

Service URL	<a href="http://localhost:8080/FCISquare/rest/lastposition">http://localhost:8080/FCISquare/rest/lastposition</a>	
Input Type	POST	
Parameters	Parameter Name	Description
	<i>id</i>	User's (Follower) unique ID
Example request	POST http://localhost:8080/FCISquare/rest/lastpositon Content-Type: application/x-www-form-urlencoded  id=4	
Example response	{ <i>"lat"</i> :0.3443342, <i>"Long"</i> : -0.4534554}	

# Trello workspace screenshot

*Proof of Work*



*Captured on Mar 12<sup>th</sup> 2016 at 09:30*

# GitHub Repository Link

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