**Cairo University Faculty of Computers and Information**



**CS352 – Software Engineering II**

**Phase 1-c Template**

**2015**

**Project Team**

|  |  |  |  |
| --- | --- | --- | --- |
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Title page has no header or footer.

Docs must be supplied as pdf –files re-named as requested

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# Instructions [To be removed]

* **IMPORTANT. Rename this document to CS352-LeaderID-TANAME-Phase1-c.docx**

**[Write TA name in your document name]**

**Examples:**

**CS352-20120001-MohamedSamir-Phase1-c.docx**

**CS352-20120001-YomnaMagdy-Phase1-c.docx**

**CS352-20120001-DesokyAbdElqawy-Phase1-c.docx**

**CS352-20120001-OmarKhaled-Phase1-c.docx**

**CS352-20120001-AhmedMohamed-Phase1-c.docx**

**CS352-20120001-AyatKhairy-Phase1-c.docx**

* **Remove the following notes and any red notes**

# Your Restful API

* **Your restful API should provide read and write to your social network data**
* **In this section you should describe each service in your RESTful API**
* **For each service you list service Name input type (GET or POST), Service URL, parameters and description for each parameter, Example request, Example response**
* **For example: check description of one service from twitter Rest API here**

[**https://dev.twitter.com/rest/reference/get/statuses/mentions\_timeline**](https://dev.twitter.com/rest/reference/get/statuses/mentions_timeline)

* **Use the following table to describe each service**
* ***Note: You may need to add some new services here not exist in phase1-b (for example: search user service, you may need this service to search for some user after sending friend request)***
* ***Note: Services URL shouldn't contains "localhost:8888", you should deploy your project and add URLs contains your application id (http://fci-swe-apps.appspot.com/rest/LoginService)***

|  |  |
| --- | --- |
| **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"}** |

|  |  |
| --- | --- |
| **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"}** |

|  |  |
| --- | --- |
| **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"}** |

|  |  |
| --- | --- |
| **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"}** |

# 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

* **Check daily scrum meeting template, fill this template**

# Github repository link

* **URL for your repository, should contains implemented services**, ***and your frontend implementation***
* ***If you are using Android frontend, commit your project in separate repository, put repository link here also***
* ***Your implementation should follow coding style (java style) you should also provide documentation for each class in your project***