Cairo University Faculty of Computers and Information



**CS352 – Software Engineering II**

**Phase 1-c Template**

**2016**

**Project Team**

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# Instructions [To be removed]

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

# 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: 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** | **SERVICE NAME** |
| **Input type** | **GET or POST** |
| **Service URL** | **URL** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **PARAMETER\_NAME** | **PARAMETER\_DESC** | |
| **Example request** |  |
| **Example response** |  |

**Example:**

**LoginService**

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

# Frontend

* **In this phase you should implement frontend and use services (from phase1-b)**
* ***Note: For frontend, you have to create another separate project for frontend. For web frontend you will create new repository for your frontend also you will create new application on openshift or google app engine for your frontend. For android frontend you will create new repository contains your android project.***
* **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**

# Github repository link

* **URL for your repository, should contains implemented services**, ***and your frontend implementation***
* ***For your 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***

# Trello repository link

**Provide a screenshot for your trello workspace**