

Group number: 6

**Project NameTeam NameDocument Namex.yCM\_IdMmm dd, yyyy**

**<Project Name>****Statement of Work****<x.y>****<CM Identifier>****<Mmm dd, yyyy>**

LEAD

Software Test Plan (STP)

Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0

**LEAD\_SE06\_v1.0**

Revision History

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Prepared/  Modified by | E-mail | Version | Date | Approved by | Descriptions/  Remarks |
| 1. | 1-Maryam Muhammad  2-Mennah Rabie  3-Tasneem Saif  4- Yasmeen Hesham | 1-[maryam.m.abdelmoneam@gmail.com](mailto:maryam.m.abdelmoneam@gmail.com)  2-[eng.m.rabie7@hotmail.com](mailto:eng.m.rabie7@hotmail.com)  3-[tsasaif@hotmail.com](mailto:tsasaif@hotmail.com)  4-[Yasmeenhesham09@gmail.com](mailto:Yasmeenhesham09@gmail.com) | 1.0 | 25/5/2016 |  |  |

Distribution list

|  |  |  |
| --- | --- | --- |
| Name | E-mail |  |
| Dr.Bassem Ibrahim | [basem@eng.cu.edu.eg](mailto:basem@eng.cu.edu.eg) |  |
| Eng.Lydia Waheed | [eng.lydiawahid@hotmail.com](mailto:eng.lydiawahid@hotmail.com) |  |
| May Mohamed | [mai\_awadalla@yahoo.com](mailto:mai_awadalla@yahoo.com) | IEEE member |
| Mennah Lotfy | [mennalotfy33@gmail.com](mailto:mennalotfy33@gmail.com) | STP member |
| Rania Alaa | [Rania.alaaa@yahoo.com](mailto:Rania.alaaa@yahoo.com) | Meshwar member |

Table of Contents

Contents

[1. Overview 5](#_Toc449824674)

[1.1 Objectives 5](#_Toc449824675)

[1.2 Scope 5](#_Toc449824676)

[1.3 approach 5](#_Toc449824677)

[2. Test Methodology 5](#_Toc449824678)

[2.1 Testing Environment 5](#_Toc449824679)

[2.2 Functional Testing 5](#_Toc449824680)

[2.2.1 Sign up 5](#_Toc449824681)

[2.2.2 Login 7](#_Toc449824682)

[2.2.3 User Profile 9](#_Toc449824683)

[2.2.4 Admin Profile 9](#_Toc449824684)

[2.2.5 Search 10](#_Toc449824685)

[2.2.6 Write Post 10](#_Toc449824686)

[2.2.7 Log Out 11](#_Toc449824687)

[2.3 Non-functional Testing 12](#_Toc449824688)

[2.3.1 Performance Testing 12](#_Toc449824689)

[2.3.2 Quality Testing 12](#_Toc449824690)

[2.3.3 Interface Testing 12](#_Toc449824691)

[2.3.4 Other Testing 12](#_Toc449824692)

[3. Glossary 12](#_Toc449824693)

Software Test Plan

# Overview

## Objectives

This document is made to test if the project is running well and to know whether each function is doing its role or not.

## Scope

The test will check on :

* The database is updated according to each action.
* Whether the data entered by the user is correct or not.
* The pages is updated according to each action.
* The privileges of each user.
* The speed of the website

## approach

Each team member tests his functions by entering different types of input and try every scenario to find the test cases which may cause a problem in the project.

# Test Methodology

## Testing Environment

In this website we use Wamp server where the database is on My SQL and run and test the code on a localhost .

## Functional Testing

### Follow

#### Normal Follow

|  |  |
| --- | --- |
| TC\_1 | Normal Follow |
| Purpose | When the user follows a post for the first time |
| Prerequisite | The user clicks on follow button |
| Priority | LOW |
| Steps | -The user clicks on follow button. |
| Expected Results: | The post will be inserted in the list of the followed posts of this user in the database and the user will receive the notifications related to this post |
| Actual Results: | The post is inserted in the list of the followed posts of this user in the database and the user receives the notifications related to this post |
| State | Pass |
| Issue |  |
| Execution Date: | 23/5/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Yasmeen |

#### Follow the same post twice

|  |  |
| --- | --- |
| TC\_2 | Follow the same post twice |
| Purpose | When the user follows a post more than once |
| Prerequisite | The user clicks on follow for second time on same post |
| Priority | LOW |
| Steps | -The user clicks on follow |
| Expected Results: | Could not able to execute INSERT QUERY because of duplications |
| Actual Results: | Error message : “You have already followed this post before ” |
| State | Pass |
| Issue |  |
| Execution Date: | 23/5/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Yasmeen |

### Login

#### Login Empty Field

|  |  |
| --- | --- |
| TC\_5 | Login empty field |
| Purpose | It checks that the user doesn’t leave any email or password empty |
| Prerequisite | The user clicked on login |
| Priority | LOW |
| Steps | -The user clicked on login  -leave the email or the password empty  -clicked submit |
| Expected Results: | Error message : “Please Enter the ‘empty field’ ” |
| Actual Results: | Error message : “Please Enter the ‘empty field’ ” |
| State | Pass |
| Issue |  |
| Execution Date: | 20/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

#### Exist Email

|  |  |
| --- | --- |
| TC\_6 | Exist email |
| Purpose | It checks that this user has an account |
| Prerequisite | The user clicked on login |
| Priority | LOW |
| Steps | -The user clicked on login  -entered email that hasn’t an account  -clicked submit |
| Expected Results: | Error message : “Email is wrong please try again!” |
| Actual Results: | Error message : “Email is wrong please try again!” |
| State | Pass |
| Issue |  |
| Execution Date: | 20/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

#### Wrong Password

|  |  |
| --- | --- |
| TC\_7 | Wrong password |
| Purpose | It checks that the password is correct |
| Prerequisite | The user clicked on login |
| Priority | LOW |
| Steps | -The user clicked on login  -entered wrong password  -clicked submit |
| Expected Results: | Error message : “Password is wrong please try again!” |
| Actual Results: | Error message : “Password is wrong please try again!” |
| State | Pass |
| Issue |  |
| Execution Date: | 20/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

#### Normal Login

|  |  |
| --- | --- |
| TC\_8 | Normal login |
| Purpose | When the user enters valid data |
| Prerequisite | The user clicked on login |
| Priority | LOW |
| Steps | -The user clicked on login  -entered valid data for all fields  -clicked submit |
| Expected Results: | The user will be allowed to enter his profile and admin will be allowed to write posts |
| Actual Results: | The user is allowed to enter his profile and admin is allowed to write posts |
| State | Pass |
| Issue |  |
| Execution Date: | 20/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

### User Profile

#### User Profile information

|  |  |
| --- | --- |
| TC\_9 | User profile information |
| Purpose | When the user wants to see his profile |
| Prerequisite | The user logged in |
| Priority | LOW |
| Steps | -The user login  -Open his profile |
| Expected Results: | His profile will be opened containing his information (Name ,Likes ,Followed posts) |
| Actual Results: | His profile is opened containing his information (Name ,Likes ,Followed posts) |
| State | Pass |
| Issue | LOW |
| Execution Date: | 25/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Maryam |

### Admin Profile

#### Admin Profile information

|  |  |
| --- | --- |
| TC\_10 | Admin profile information |
| Purpose | When the admin wants to see his profile |
| Prerequisite | The admin logged in |
| Priority | LOW |
| Steps | -The admin login  -Open his profile |
| Expected Results: | His profile will be opened containing his information (Name ,Posts ,Notifications) |
| Actual Results: | His profile is opened containing his information (Name ,Posts ,Notifications) |
| State | Pass |
| Issue |  |
| Execution Date: | 23/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Mennah |

### Search

#### Invalid Search

|  |  |
| --- | --- |
| TC\_11 | Invalid search |
| Purpose | When the user searches for student activity that doesn’t exist in the website |
| Prerequisite | The user is in the home page |
| Priority | LOW |
| Steps | -The user wrote incorrect student activity name or student activity that doesn’t exist in the website in the search box  -Pressed “ENTER” |
| Expected Results: | Error message: “No results matched your search.” |
| Actual Results: | Error message: “No results matched your search.” |
| State | Pass |
| Issue |  |
| Execution Date: | 20/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Yasmeen |

#### Normal Search

|  |  |
| --- | --- |
| TC\_12 | Normal search |
| Purpose | When the user searches for valid student activity in the website |
| Prerequisite | The user is in the home page |
| Priority | LOW |
| Steps | -The user wrote student activity name that is existing in the website in the search box  -Pressed “ENTER” |
| Expected Results: | The page matching his search will be opened |
| Actual Results: | The page matching his search is opened |
| State | Pass |
| Issue |  |
| Execution Date: | 20/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Yasmeen |

### Write Post

#### Empty Post

|  |  |
| --- | --- |
| TC\_13 | Empty post |
| Purpose | When the admin leave the post empty or just write “Spaces” |
| Prerequisite | The admin logged in and clicked on “Write post” |
| Priority | LOW |
| Steps | -The admin clicked on “Write post”  -wrote “spaces” or didn’t write any thing  -Pressed “Post” |
| Expected Results: | Error message : “You should write valid post” |
| Actual Results: | The post is saved and appeared in the home page as an empty post |
| State | Fail |
| Issue |  |
| Execution Date: | 30/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

#### Normal Post

|  |  |
| --- | --- |
| TC\_14 | Normal post |
| Purpose | It checks if new posts are appearing in the home page |
| Prerequisite | The admin logged in and clicked on “Write post” |
| Priority | LOW |
| Steps | -The admin clicked on “Write post”  -wrote valid post  -Pressed “Post” |
| Expected Results: | The post will be saved and will appear in the home page with the admin name |
| Actual Results: | The post is saved and appeared in the home page with the admin name |
| State | Pass |
| Issue |  |
| Execution Date: | 21/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

### Log Out

#### Log Out

|  |  |
| --- | --- |
| TC\_15 | Log out |
| Purpose | It checks if the user will still in his profile after logging out |
| Prerequisite | The user is logged in |
| Priority | LOW |
| Steps | -The user clicked on “Log out” |
| Expected Results: | The user will be logged out and will not be allowed to enter his profile  And the admin will not allowed to write post |
| Actual Results: | The user is logged out and isn’t allowed to enter his profile  And the admin isn’t allowed to write post |
| State | Pass |
| Issue |  |
| Execution Date: | 24/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Mennah |

## Non-functional Testing *<use what is applicable to your system>*

### Performance Testing

|  |  |
| --- | --- |
| TC\_16 | Response time |
| Purpose | Ensure that the response time for any action doesn’t exceed 1s |
| Prerequisite | The user at the website |
| Priority | LOW |
| Steps | -The user make any action in the website |
| Expected Results: | The response for the action won’t exceed 1s |
| Actual Results: | The response for the action didn’t exceed 1s |
| State | Pass |
| Issue |  |
| Execution Date: | 30/4/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | All team members |

### Quality Testing

Some of tests are repeated and the bugs we have found are repaired.

### Interface Testing

The website is user friendly interface

### Other Testing

N/A

# 

# Glossary

TC: Test case