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

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LEAD

Software Test Plan (STP)

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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 | Medium |
| 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 | HIGH |
| 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 |

### Comment

**2.2.2.1** Normal comment

|  |  |
| --- | --- |
| TC\_3 | Normal comment |
| Purpose | When the user writes a comment |
| Prerequisite | The user clicked on comment |
| Priority | HIGH |
| Steps | -The user clicked on comment  -Write the comment  -click on comment |
| Expected Results: | The comment is added to the comments of the post |
| Actual Results: | The comment is added to the comments of the post |
| State | Pass |
| Issue |  |
| Execution Date: | 24/5/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

#### **2.2.2.2** Empty comment

|  |  |
| --- | --- |
| TC\_4 | Empty comment |
| Purpose | It checks that the user doesn’t leave the comment empty. |
| Prerequisite | The user clicked on comment |
| Priority | HIGH |
| Steps | -The user clicked on comment  -leave the comment empty  -click on comment |
| Expected Results: | Error message : “You should fill out this field ” |
| Actual Results: | Error message : “You should fill out this field” |
| State | Pass |
| Issue |  |
| Execution Date: | 24/5/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

### Notifications

#### Normal notifications

|  |  |
| --- | --- |
| TC\_5 | Normal notifications |
| Purpose | When the user gets a notification |
| Prerequisite | The user logged in and followed at least a post |
| Priority | HIGH |
| Steps | -The user clicked on follow  -leave the comment empty  -clicked comment |
| 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 |  |
| Execution Date: | 24/5/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

### 

### **2.2.3.2** Non updated notifications

|  |  |
| --- | --- |
| TC\_6 | Non updated notifications |
| Purpose | When the user opens his/her notifications and see the old ones |
| Prerequisite | The user clicks on notifications button |
| Priority | Medium |
| Steps | -The user clicks on notifications button  -The user gets the old and new notifications |
| Expected Results: | The old notifications are deleted |
| Actual Results: | The old notifications are existed |
| State | Fail |
| Issue |  |
| Execution Date: | 24/5/2016 |
| Build Version: | Team nameProject nameTeam nameVersionCm IdDateVersion: 1.0 |
| Tester Name: | Tasneem |

### 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