SCIT

School of Computing and Information Technology

CSIT321 - Project

Project Topic: **Crowdfunding for the Sick**

Topic Code: **CSIT-20-S4-20**

Test Plan Sprint 3

Version 0.1

19/1/2021

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Document Control

Title	Crowdfunding for the Sick (CFS)
Documentation Name	Test Plan Sprint 3

Distribution List

Name	Roles
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Saw Zhe Jian	Team Member (Programming)
Ng Ming Yao	Team Member (Documentation)
Luong Hong Khanh	Team Member (Documentation)
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Record of Revision

Revision Date	Description	Section Affected	Changes Made By	Version After Revision
8th January 2021	1st Draft Test Plan Sprint 3	Test Documentation	Ng Ming Yao	V0.1

1. Introduction

Our business is a non-profit organization in Singapore consisting of a small group of people that wants to help the sick who are fighting a serious disease like cancer, etc. Moreover, they are in need for money for their medical treatment. Treatment for these diseases will cost a fortune for the patients as it requires long term treatment and it might become a heavy burden for them and their family members. Therefore, we wish to develop and host a website with the aim of supporting patients to support their treatment cost starting from Singapore and then expanding to all the needy around the world in near future by fundraising donations through our platform.

The Test Plan has been created to facilitate communication within the team members. This test plan describes approaches and methodologies that will apply to system testing of the "http://crowdfundingforthesick.azurewebsites.net" site. It includes the objectives, test items, features to be tested and not to be tested, approach, schedule, pass/fail and suspension criteria, environment needs and risks. This document has clearly identified what the test deliverables will be, and what is deemed in and out of scope.

2. References

http://crowdfundingforthesick.azurewebsites.net.
Project Requirement Documentation
Design Specifications
Project Progress Report

3. Test Items

This test plan describes the testing approach and framework that will drive the testing of the "Crowdfundingforthesick.azurewebsites.net" site. We test on sending support tickets, share campaign functions, close an account function and the user update information function.

4. Features To Be Tested

- User Send Support Ticket
- User Share Campaigns
- User Close Account
- User Update Information

5. Features Not To Be Tested

- Support campaigns
- View campaigns

6. Approach

After the programming team completes the coding, the team document will do the test by creating a user account to check the system and make sure that there won't be any mistakes. Moreover, we login to all 3 different accounts (Users/Admin/Moderator) to check if the functions are working or not. All testing is through Visual Studio tools. At the end of the sprint the requirements identified for that iteration will be delivered to the document team and will be tested and give the feedback to the team programming. Different testing approaches will be used for testing the project. The main includes:

- *Normal test* – consists in testing the features trying to cover all the requirements
- *Component test* – consists in testing each component alone, before integrates it in the system
- *Random Test* – consists in selecting some random part to add more test to Normal test and to go deeper in some parts

- *Faulty testing* – consists in trying to feed the system with strange/invalid values, and see how the system reacts

7. Pass/Fail Criteria

The goal of the plan sprint 3 is the users are able to send support tickets, share a campaign to the social media, close his account and update his account on the platform. After testing, all functions should be successful without error.

8. Suspension Criteria

Most tests performed on the website are quite short and are performed quickly. Any discovered errors in website implementation can be quickly resolved and the test results of unrelated parts of the website are unaffected. Errors found in the web services will require a suspension of testing since more time is needed to fix them and to redeploy the services on the server. All website tests that used the web service operations that contained errors should be performed anew after removing all found errors.

9. Test Deliverables

- Test plan sprint 3
- Test case sprint 3

10. Environmental Needs

- Support level 1 (browsers):
  - ✔ Windows 10: Edge, Chrome (latest), Firefox (latest)
  - ✔ Mac OS X: Chrome (latest), Firefox (latest), Safari (latest)

- Support level 2
  - ✔ Windows 7: Edge, Chrome (latest), Firefox (latest)
  - ✔ Mac OS X: Chrome (latest), Firefox (latest), Safari (latest)

11. Testing Tasks

Test Tasks	Assigned To	Status
Create Test Plan Sprint 3	Luong Hong Khanh	Completed
Create Test Case Sprint 3	Luong Hong Khanh Ng Ming Yao Pearlyn Ooi Pei Ling	Completed

12. Responsibilities

Team	Member	Responsibilities

Documentation	Luong Hong Khanh Ng Ming Yao Pearlyn Ooi Pei Ling	● Responsible for Project schedule and the overall success of the project ● Testing the website and feedback to Programming Team ● Prepare test case and test plan for each sprint
Programming	Lek Jing Kai Saw Zhe Jian	● Coding ● Understand requirements ● Receive feedback from the document team and fix errors ● Retesting and regression testing ● Preparation of test data

13.Schedule

Task Name	Start	Finish	Test By	Comments
Test Plan Sprint 3	6/1/2021	8/1/2021	Ng Ming Yao	
Test Case Sprint 3	18/1/2021	19/1/2021	Luong Hong Khanh Ng Ming Yao Pearlyn Ooi Pei Ling	Perfect (No errors)

14.Risks and Contingencies
The newly added functions will be tested on the local host platform. If it passed all the tests, the newly added function shall be pussed up to the hosted server. In case any critical bugs exist, the schedule on updating on the hosted server shall be pushed back.

15.Approvals
The team leader must agree on the completion of the testing and determine when it is ready to proceed to the next step.