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| Software  Test Plan  Document |
| Yellow Giver Donation |
| Muhammad Syahmi Bin Shafawi |

**SOFTWARE TEST PLAN**

**1.0 SYSTEM TESTING**

The testing phase is an important part of software development. It is the process of finding errors and missing operation and also a complete verification to determine whether the objective is met and the user requirements are satisfied.

**1.1 TESTING APPROACH**

For the testing, there 4 testing that is conducted for testing out the system for checking errors and many more.

**1.1.1 Conducting the unit testing of the system**

This testing is for software development process in which the smallest testable parts of an application, called units, are individually and independently scrutinized for proper operation. Unit testing involves only those characteristics that are vital to the performance system of the unit under test. This is to encourage developers to modify the source code without immediate concerns about how such changes might affect the functioning of other units or the program.

**1.1.2 Conducting the integration testing**

The purpose of integration testing is to verify functional, performance, and reliability requirements placed on major design item. It is also the phase in software testing in which individual software modules are combined and tested as a group. It occurs after unit testing.

**1.1.3 Conducting the usability testing**

Usability testing is used in the testing is to evaluate a product by testing it on users. This be an irreplaceable usability practice, since it gives direct input on how real users use the system. In this testing focuses on measuring a human made product’s capacity to meet its intended purpose.

**1.1.4 Conducting the user acceptance testing**

User acceptance testing is often the final steps of the testing session before rolling out the application. It usually the end users who will be using the applications test the application before accepting the application. This type of testing gives the end users the confidence that the application being delivered to them meets their requirements. This testing also helps to nail bugs related to usability of the application.

**1.2 Unit Testing Viewer & User Component**

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| **Test Case:** | YGD\_STP1\_V2.0 | | |
| **Description:** | To check whether admin interface and design are appropriate | | |
| **Test Method:** | Unit Testing | | |
| **Functional Requirements:** | Admin management | | |
| **Primary Actors:** | YGD admin | **Executed By:** | Syahmi Shafawi |
| **Preconditions:** | Admin access YGD | **Date Executed:** | 15 Jun 2017 |
| **Success Guarantees:** |  | **Version:** | Version 2.0 |
| **Setup:** | Start Admin page | | |

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| **Test case id** | **Test Case name** | **Test Case description** | **Test Steps** | | | **Test status (P/F)** |
| **Step** | **Expected** | **Actual** |
| **ID01** | Wording  checking | To check the wording that be use in YGD | Open the system by click admin button | Admin page display proper content. | Admin page display proper content. | P |
| **ID02** | Admin Login | To check admin login working | Click login after input Id and password admin | Go to Admin dashboard | Go to Admin dashboard | P |
| **ID03** | Side menu dashboard button page | Go to proper page | Click button side menu | Go to correct page | Go to correct page | P |
| **ID04** | Donation registration | Enter donation registration | Click donation registration | Save donation detail | Save donation detail | P |
| **ID05** | View donation information | View donation detail | Click donation information | View donation information | View donation information | P |
| **ID06** | Donatary  registration | Enter Donatary  registration | Click Donatary  registration | Save Donatary  detail | Save Donatary  detail | P |
| **ID07** | View Donatary  information | View Donatary  detail | Click Donatary  information | View Donatary  information | View Donatary  information | P |
| **ID08** | Donation Edit | To check update is working | Click pencil icon | Edit donation detail and save | Edit donation detail and save | P |
| **ID09** | Donation delete | To check delete is working | Click dustbin icon | Delete donation detail and save | Delete donation detail and save | P |
| **ID10** | Donatary  Edit | To check update is working | Click pencil icon | Edit donation detail and save | Edit donation detail and save | P |
| **ID11** | Donatary  delete | To check delete is working | Click dustbin icon | Delete Donatary  detail and save | Delete Donatary  detail and save | P |
| **ID12** | Donor Information | To view Donor information | Click donor information at side menu | View Donor detail | View Donor detail | P |
| **ID13** | YL Fund | To view fund amount | Click YL Fund at side menu | View Fund Information | View Fund Information | P |
| **ID14** | Admin logout | To admin logout | Click logout at side menu | Back to main page | Back to main page | P |

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| **Test Case:** | | | YGD\_STP2\_V2.0 | | | | | | |
| **Description:** | | | To check whether user interface and design are appropriate | | | | | | |
| **Test Method:** | | | Unit Testing | | | | | | |
| **Functional Requirements:** | | | User | | | | | | |
| **Primary Actors:** | | | YGD user | | | **Executed By:** | | Syahmi Shafawi | |
| **Preconditions:** | | | user access YGD | | | **Date Executed:** | | 15 Jun 2017 | |
| **Success Guarantees:** | | |  | | | **Version:** | | Version 2.0 | |
| **Setup:** | | | Start main page YGD | | | | | | |
| **Test case id** | **Test Case name** | **Test Case description** | | **Test Steps** | | | | | **Test status (P/F)** |
| **Step** | **Expected** | | **Actual** | |
| **ID15** | Wording  checking | To check the wording that be use in YGD | | Open the system | Main page display proper content. | | Main page display proper content. | | P |
| **ID16** | Header link | To navigate to other page | | Click header link password admin | Go to correct page | | Go to correct page | | P |
| **ID17** | Donation category | To search available donation | | Click menu at donation category | Filter donation category | | Filter donation category | | P |
| **ID18** | Choose donation | Choose donation available | | Click view detail button showing | Go to correct donation page | | Go to correct donation page | | P |
| **ID19** | View donation information | View donation detail | | Click donation information | View donation information | | View donation information | | P |
| **ID20** | Donate now | To donate | | Enter detail & Click donate now button | Thank you message and send email | | Thank you message and send email | | P |
| **ID21** | Contact | To contact us and give message | | Enter detail and send message | Send message | | Send message | | F |

**1.3 User Acceptance Test**

**Test Case**

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| **Tester:** Syahmi Shafawi  **User:** Syahmi Shafawi  **Date:** 15 June 2012 | | |
| **Test Case No: 002**  **Test Method:** | Unit Acceptance Info | |
| **Functional Requirement:** | YGD\_STP2\_V2.0 | |
| **Developer Notes:** | Completed | |
| **User Comments:** |  | |
| **User Acceptance:** | **Yes** | **No** |
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| **Tester:** Yusof  **User:** Yusof  **Date:** 15 June 2012 | | |
| **Test Case No: 004**  **Test Method:** | Unit Acceptance Info | |
| **Functional Requirement:** | YGD\_STP2\_V2.0 | |
| **Developer Notes:** | Completed | |
| **User Comments:** |  | |
| **User Acceptance:** | **Yes** | **No** |
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| **Tester:** Fahrul  **User:** Fahrul  **Date:** 15 June 2012 | | |
| **Test Case No: 003**  **Test Method:** | Unit Acceptance Info | |
| **Functional Requirement:** | YGD\_STP1\_V2.0 | |
| **Developer Notes:** | Completed | |
| **User Comments:** |  | |
| **User Acceptance:** | **Yes** | **No** |
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