QA Manual

Version 1.0

1.0 Types of Testing

1.1 Overview

Before every production roll out, a standardized testing process should be followed to ensure a bug free application. The application will be subjected to the following tests

- Regression Testing
- New Feature Testing and
- Compatibility Testing

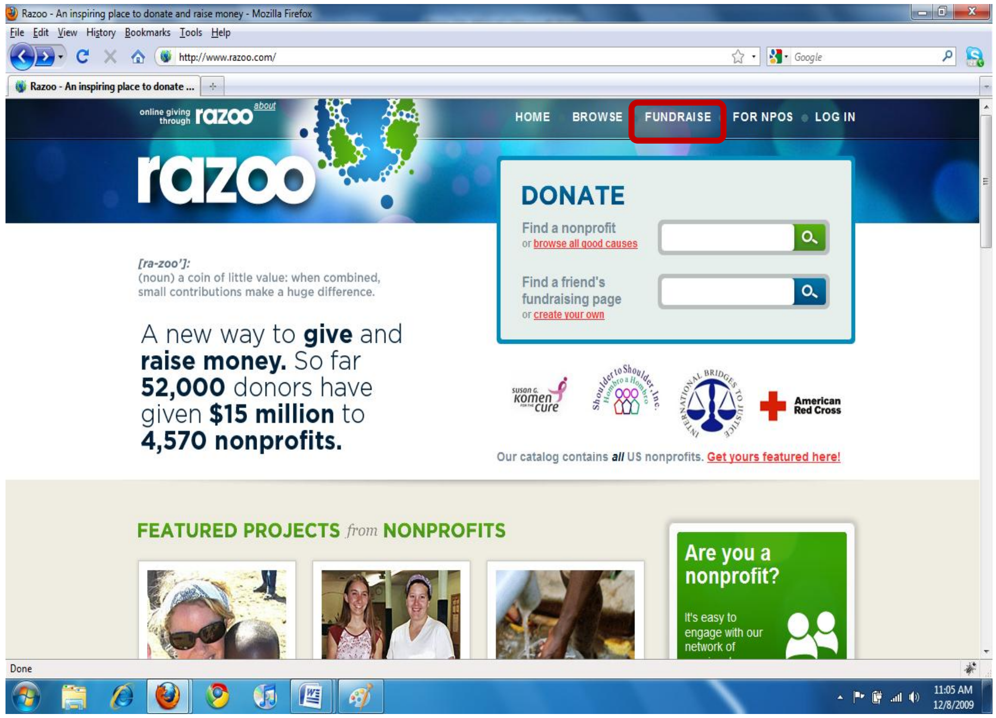
1.2 Regression Testing

The purpose of regression testing is to ensure proper behavior of the application after fixes or modifications have been applied to the software or its environment. It basically tests the effects of newly introduced changes on all the previously integrated code.

1.2.1 Creating a Fundraising/Project Page

A fundraising page can be created by someone who supports a nonprofit.
A project page can be created by the nonprofit organization. Either of these must be tested separately.

Navigate from the home page to create fundraising page as a supporter.
Click on the link "Fundraise"



As a Supporter

Create a fundraising page by furnishing all the necessary details. Input different values to the fields and check if the application prompts the user for errors. Prepare test cases to test the entire page for bugs.

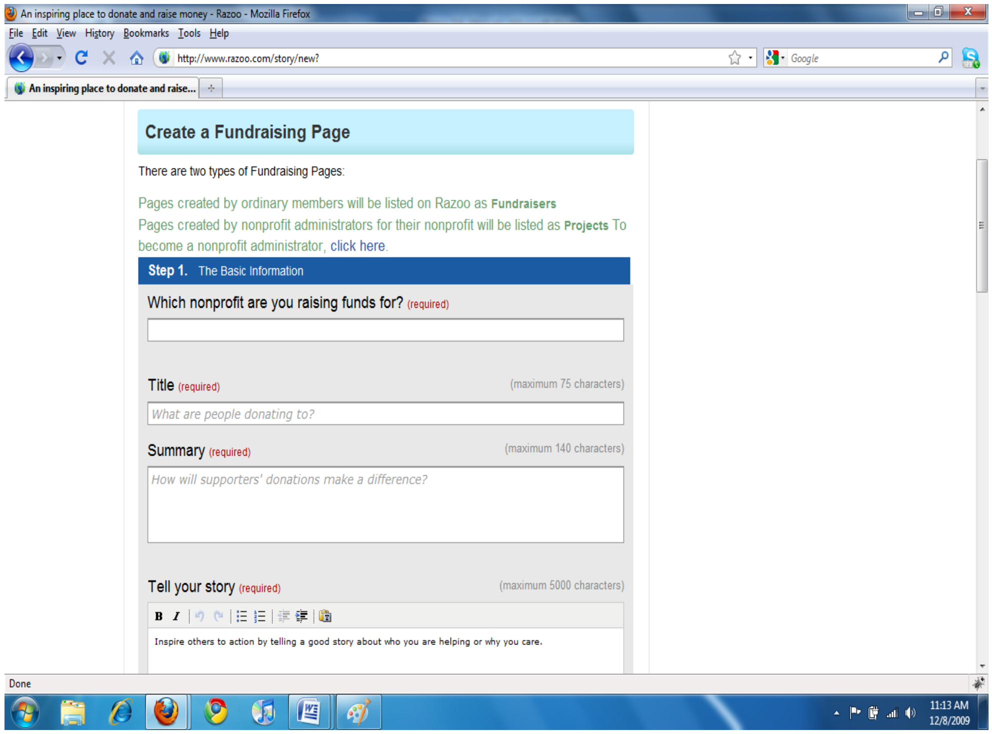
After creating the fundraising page, test each of the following tabs - View, Donations, Promote and Edit.

View: Displays the created fundraising page.

Donations: Displays a detailed list of donations made to the project

Promote: Displays a “Donate Now” button which allows distributing the created fundraising page

Edit: Allows the donor to edit the content of the Fundraising page.

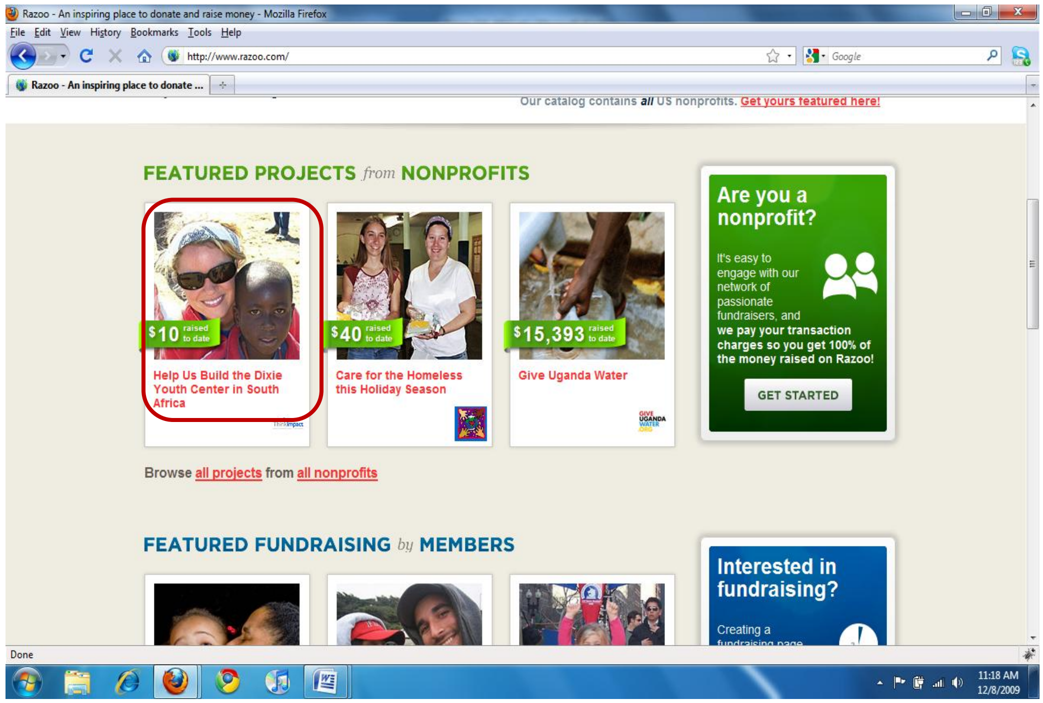


As a non-profit

On a similar fashion, create a project page as non-profit and input different values to the fields and check for errors.

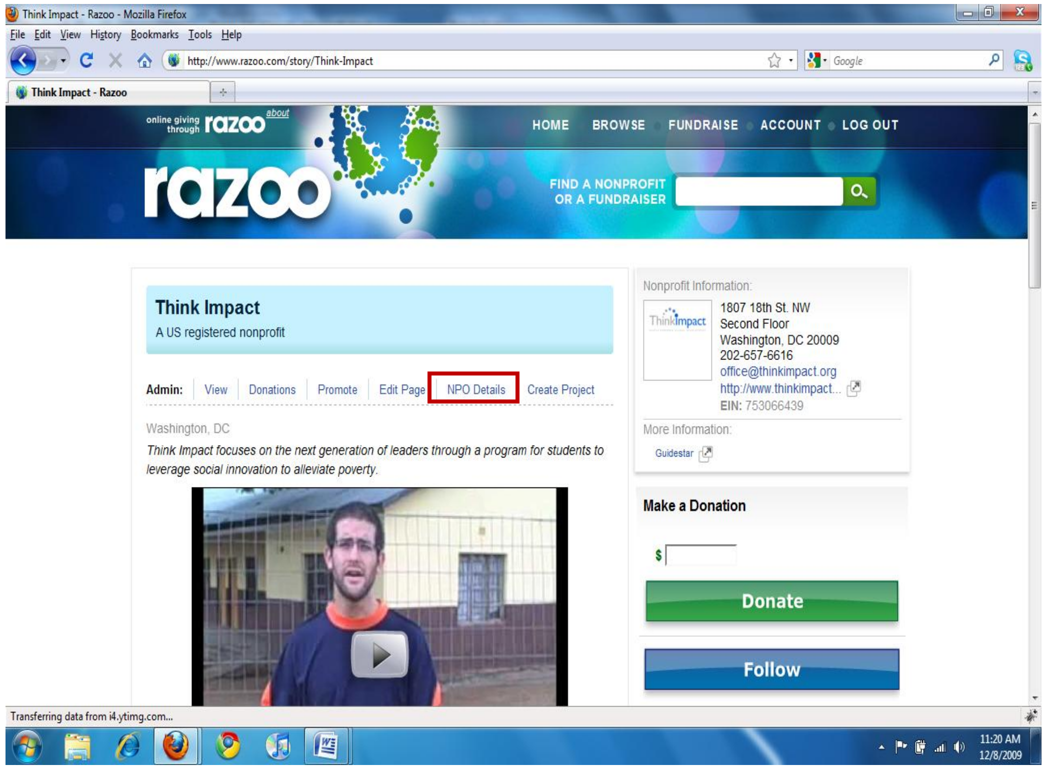
1.2.2 Updating Non-Profit Organization Page of the Organization

Sign in using global admin privileges, select any featured Non-Profit organization.

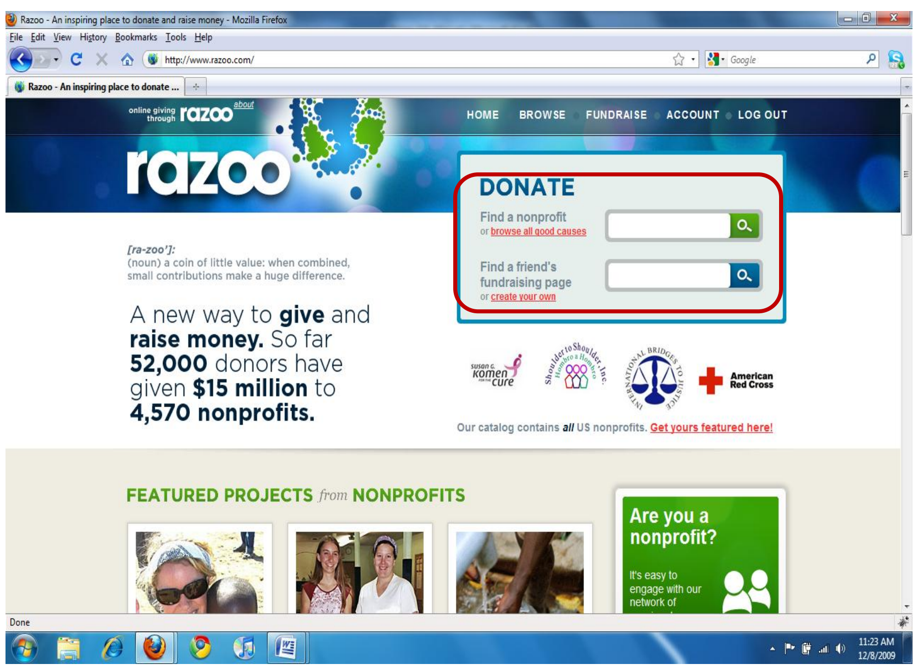


The user gets directed to the Non-profit organization page. This page will have tabs similar to that found on the fundraising page and in addition it has a tab "NPO Details". Test the functionality of each of these tabs.

The Non-Profit Details page contains details about the person who created the Non-Profit. Test this page by updating information and see if it gets reflected.



1.2.3 Search, Donate and Leave User Testimonials



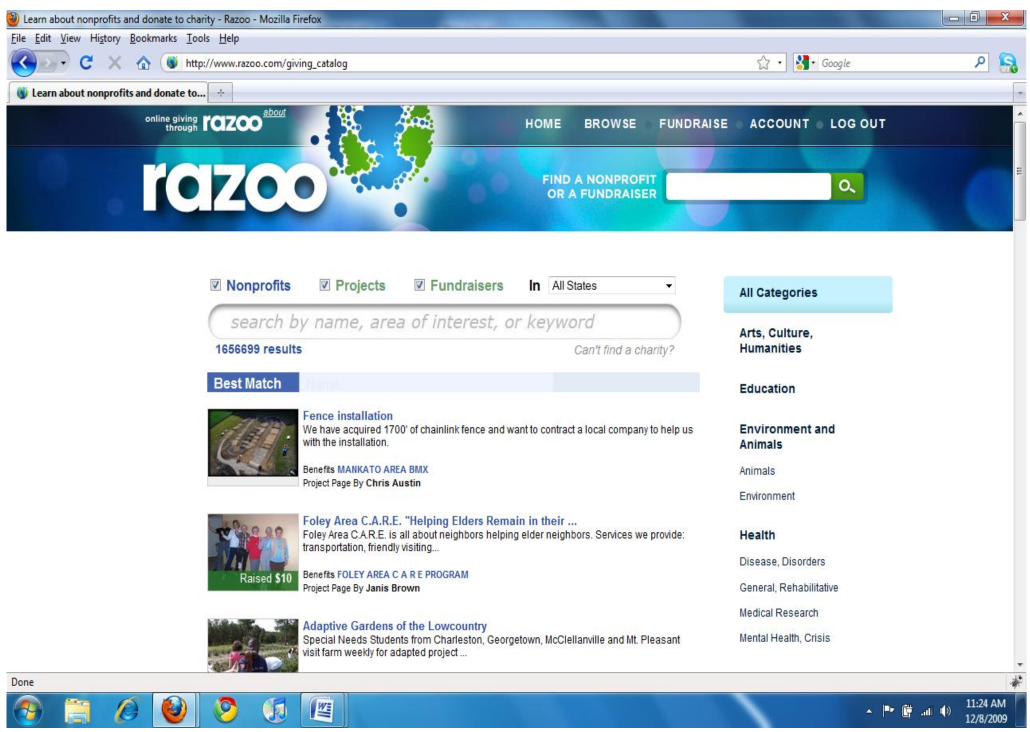
To test this feature, locate some charity organization and try to make donations and leave user testimonials.
There are two options:

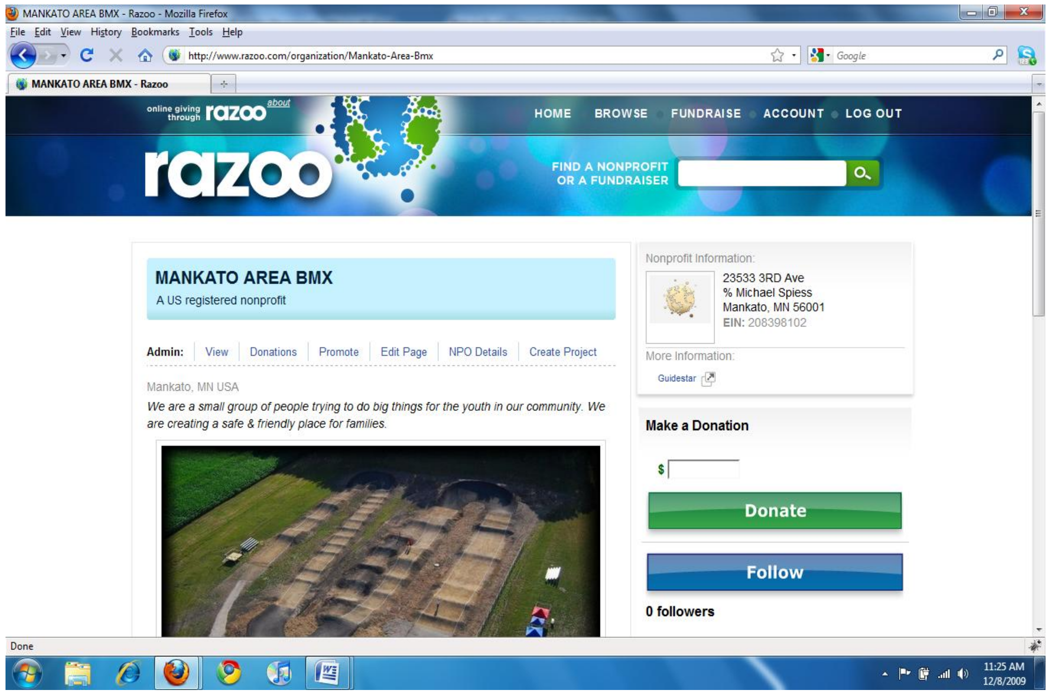
1. Click on the link “BROWSE” to search for nonprofits, fundraisers, projects
2. On the Home Page, enter the nonprofit/fundraiser/project in the Donate search box

Perform a random search and select any charity organization.

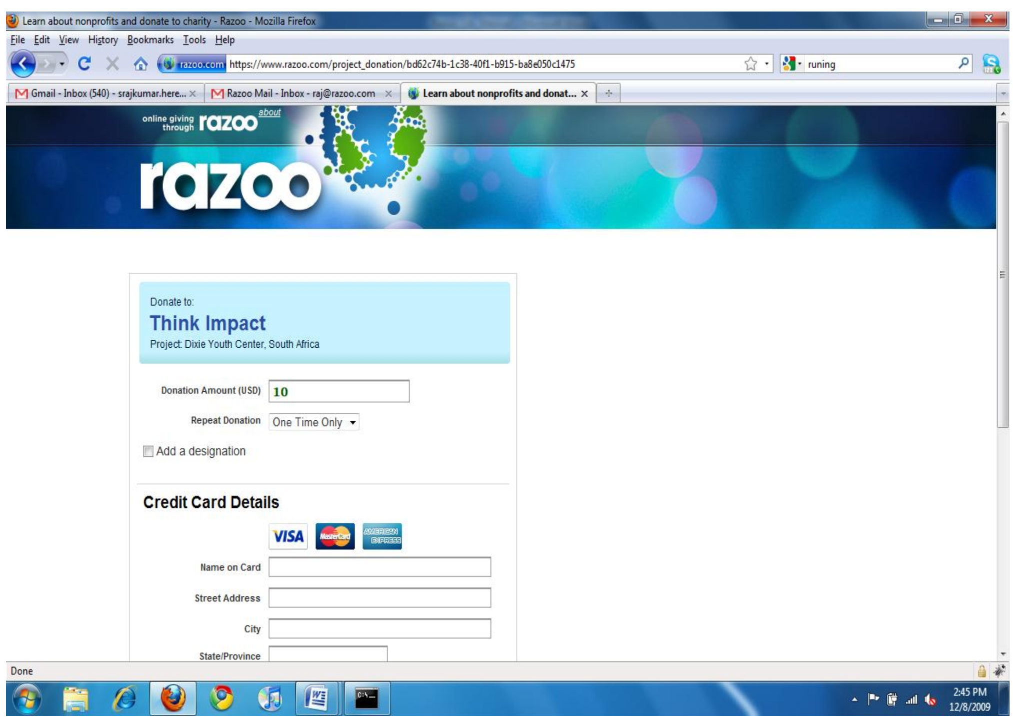
To Any Non-Profit

Select any Non-Profit from the list of organizations to make donations. Once a donation has been done, the donor becomes the follower of the Non-Profit. Check if this works.

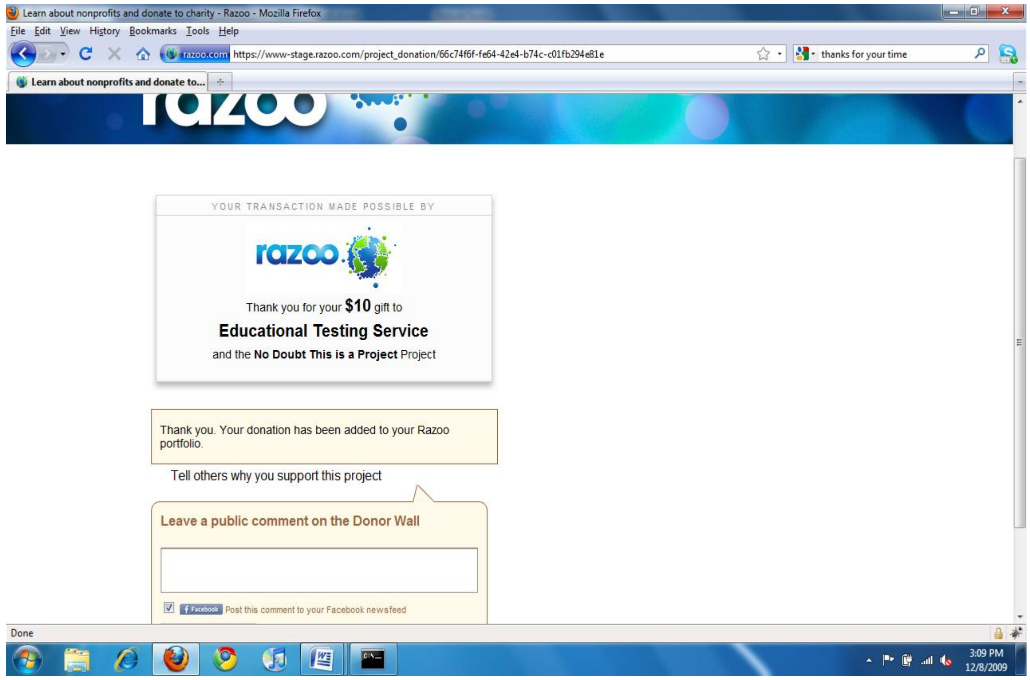




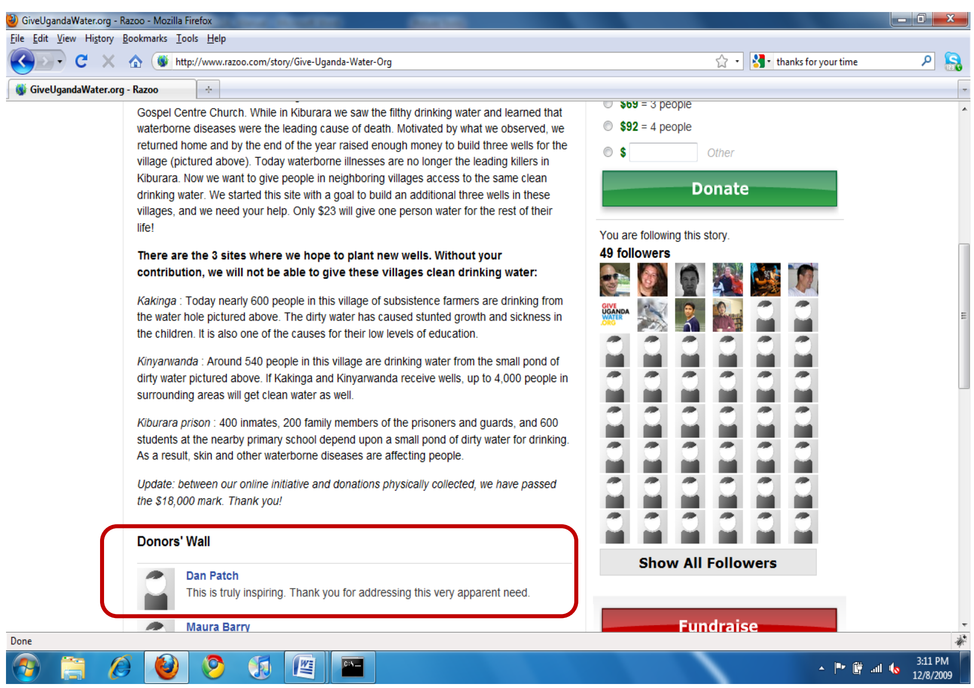
Once the donor clicks the "Donate" button, the credit card information page appears. Test the donation process for different Repeat Donation scenarios (One Time Only, Biweekly etc). Also write test cases to check if all the fields work properly and the donor is prompted in case of errors.



After the donation has been made, the below page appears

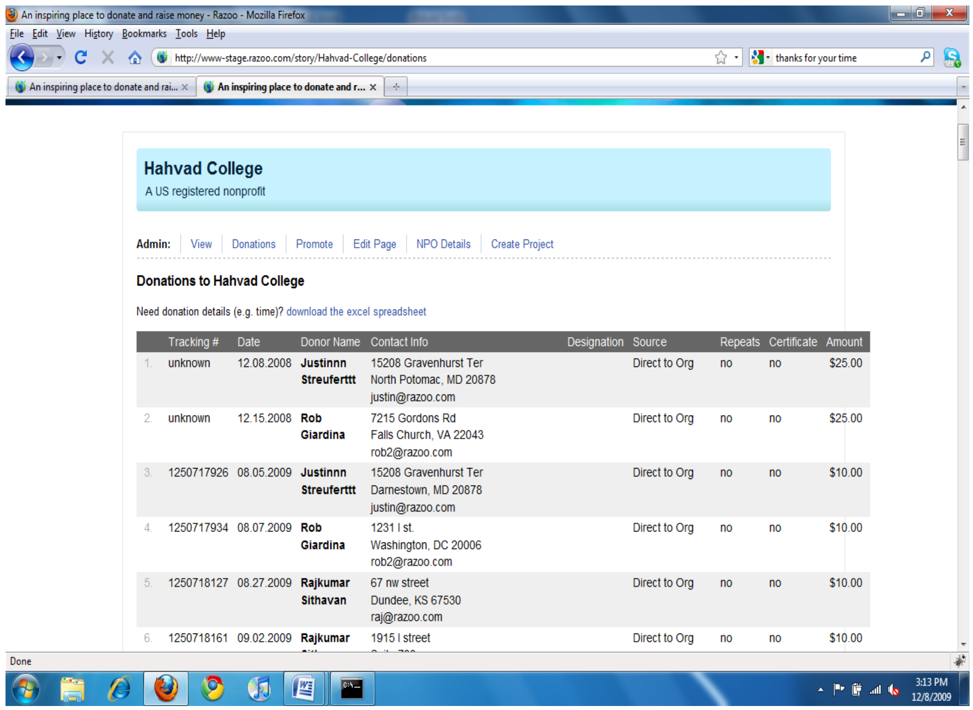


The donor can leave comments (testimonials) on their wall. These comments can be linked to their Face book account. Test to check if the comment appears in the Donors wall after the donor clicks on “Post Comment”.



1.2.4 View Donation Report

After making donations, check the Donations Report to see if all the donations made have got recorded. The donation report contains details for both non-profits and fundraiser. Ensure that the donations have been properly recorded against either of these.



1.3 New Feature Testing

The purpose of new feature testing is to ensure that the new features implemented into the application work as per the functional requirement.

- The development team keeps track of the new features added to the application using Mingle. Once these details are gathered from Mingle, these new features needed to be tested individually. If certain features are mapped to facilitate a specific functionality, then the flow needs to be tested.
- Add these new features into the New Features Test case Worksheet.
- These new features should be tested across all supported browsers.
- Once the test is done, these features should be moved to the regression testing worksheet before testing the next set of new features.

1.4 Compatibility Testing

The purpose of compatibility testing is to ensure both the existing and new features work well across all the supported browsers of the application.

So perform compatibility testing individually for each new feature across all supported browsers.

2.0 Testing Frequency

The testing cycle should begin once the development team freezes coding and deploys the application in the test environment. So the above mentioned testing (each one) should be conducted across different supported browsers.

3.0 Test Report

The Test Report should include the following:

- Details of Builds / Runs – Number of build/runs of testing and the test cases addressed in each build
- List the types of testing conducted
- List test environment specifics/ tools used
- Items tested / Not tested

The following template would help in determining the trend in the test execution; stability of the builds turned over to the testing team and hence makes decisions pertaining to the release readiness

Module / Build	
Total Test cases (TOTAL)	
Total test cases passed (P)	
Total test cases failed (F)	
Total non-executed test cases (due to failure)	
Total Executed test cases (P +F)	
Bugs Corrected	
Bugs not corrected	
Test Execution Progress (in %)	

4.0 Assumptions and Dependencies

<This section pictures the assumptions and dependencies affecting the plan. It should include any high risk assumptions made and if possible contingency plans should be put in place>