Test Plan

For the

WebSite Content Manager

Created By:

date

Type of Procedure: Test Plan (Implementation)

Purpose: Test the implementation of the Website Content Manager

Modules to Be Tested: Content Manager and related Website pages

Content Manager Test Strategy

1. **TROUBLE REPORTS**

At the time of this writing, there is one known trouble report.

1. The image slider needs exactly three visible images in order to display on the site.

**1.1 INTRODUCTION**

The following Test Plan has been created using the requirements document and implementation experience. The Content Manager is aimed at designing a system that is able to easily make changes to the website.

This document shall detail the general test strategy, and also individual test sections.

Testing of this system is based on the six groups listed in the Test Plan that follows. The groups listed will cover the necessary testing needed to sufficiently evaluate the system. However, a sufficiently tested system can still contain errors.

The test procedure is structured to cover the requirements outlined in the following table:

|  |  |
| --- | --- |
| Requirement | Test Group(s) |
| Log In/Out | 1 |
| Navigation | 2 |
| Faculty Pages – Insert, Edit, Delete | 3 |
| Job Pages – Insert, Edit, Delete | 4 |
| Events Page – Insert, Edit, Delete | 5 |
| Slider Page – Insert, Edit, Delete | 6 |

The test procedure is structured in checklist format that covers the following for each Test Group and item to be tested:

1. Test objective
2. Operator action
3. Expected results
4. Evaluation criteria
5. Observed results
6. Pass/Fail outcome

This checklist will be used during the testing phase of the project.

**1.2 Test Classification Category**

The test plan will be completed by testing the following groups that are listed.

**The test plan will be evaluating the six test groups listed here:**

**Test Group 1 – Log In/Out**

**Test Group 2 – Navigation**

**Test Group 3 – Faculty**

**Test Group 4 – Jobs**

**Test Group 5 – Events**

**Test Group 6 – Slider**

Test Group 1 – Log In/Out:

1. Check the login verification and logout functionality

Test Group 2 – Navigation:

1. Check the navigation of the drop down list, navigation bar, and home icon

Test Group 3 – Faculty:

1. Check the functionalities of insert, edit, and delete for the Faculty 1 page
2. Check the functionalities of insert, edit, and delete for the Faculty 2 page
3. Check the functionalities of insert, edit, and delete for the Faculty 3 page
4. Check the functionalities of insert, edit, and delete for the Faculty 4 page

Test Group 4 – Jobs:

1. Check the functionalities of insert, edit, and delete for the Career page
2. Check the functionalities of insert, edit, and delete for the Internship page

Test Group 5 – Events:

1. Check the functionalities of insert, edit, and delete for the Events page

Test Group 6 – Slider:

1. Check the functionalities of insert, edit, and delete for the Slider page

**1.3 Testing Period**

Testing will be completed by April 27, 2015.

**1.4 Participation**

No external people will be part of this testing. This process includes testing of all components.

**1.5 Location**

All testing will occur at St. Vincent College in the lab for all procedures.

**1.6 Schedule**

Testing is set for April 15 through April 27, 2015.

**1.7 Security**

No known security procedures are known as of the time of this writing.

**1.8 Test Classification Category**

Testing shall be conducted using the six test groups as follows:

Test Group 1 – Log In/Out

Test Group 2 – Navigation

Test Group 3 – Faculty

Test Group 4 – Jobs

Test Group 5 – Events

Test Group 6 – Slider

**2.0 Test Objectives**

1. Test Group 1 shall verify that the log in and log out processes function properly. Incorrect username and password combinations should not grant access to the content manager, while correct combinations should redirect the user to the index page.
2. Test Group 2 shall verify the functionality of navigation elements.
3. Test Group 3 shall verify that the faculty pages are properly managed by the content manager though the insert, edit, and delete functionalities.
4. Test Group 4 shall verify that the job pages are properly managed by the content manager though the insert, edit, and delete functionalities.
5. Test Group 5 shall verify that the events are properly managed by the content manger through the insert, edit, and delete functionalities.
6. Test Group 6 shall verify that the image slider is properly managed by the content manager through the insert, edit, and delete functionalities.

Success/failure criteria is based upon evaluation criteria and observed results as specified in the test procedure outline, and will be scored on a pass/fail criterion.

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| Test no:  1 | | Function:  Log In/Out TEST GROUP 1  Sub Test 1:  Check verification and functionality | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu /test/ | Redirect to the login page | EXACT |  |  |  |
| 2 | Attempt to login with incorrect username and password | Redirect to an invalid login page | EXACT |  |  |  |
| 3 | Attempt to login with the correct credentials | Redirect to index page | EXACT |  |  |  |
| 4 | Click the log out button | Redirect to login page | EXACT |  |  |  |
| 5 | Attempt to navigate to .stvincent.edu /test/ | Redirect to login page | EXACT |  |  |  |

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| Test no:  1 | | Function:  Navigation TEST GROUP 2  Sub Test 1:  Drop Down List, Navigation Bar, and Home Icon | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/ and log in | Redirect to the index page | EXACT |  |  |  |
| 2 | Select Career Opportunities from the drop down list and click submit | Redirect to career opportunities page | EXACT |  |  |  |
| 3 | Click on Faculty 1in the navigation bar | Redirect to Faculty 1 page | EXACT |  |  |  |
| 4 | Click the logo in the top left corner from Faculty 1 page | Redirect to index page | EXACT |  |  |  |
| 5 | Click on Home in the navigation bar from the index page | Redirect to (stay on) index page | EXACT |  |  |  |

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| Test no:  1 | | Function:  Faculty Insert, Edit, and Delete TEST GROUP 3  Sub Test 1:  Faculty 2 | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Faculty2 page | Redirect to Faculty 2 page | EXACT |  |  |  |
| 2 | Insert “CS101 – Test Course” as a current and visible course by typing in the fields and clicking submit | The new course is added to the database, the result can be seen from the Faculty 2 page and the Faculty page | EXACT |  |  |  |
| 3 | Edit the course to “CS101 – Edited Course” as previous and visible by clicking edit next to the course, revising the information, then clicking submit | Redirected to an edit page and then back to the Faculty 2 page. The course information is altered in the database, results can be seen from Faculty 2 page and website | EXACT |  |  |  |
| 4 | Delete the course by clicking the delete button next to the course | The course should no longer be in the database. The result can be seen from the Faculty 2 page and from the website. | EXACT |  |  |  |

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| Test no:  2 | | Function:  Faculty Insert, Edit, and Delete TEST GROUP 3  Sub Test 2: | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Faculty 1 page | Redirect to Faculty 1 page | EXACT |  |  |  |
| 2 | Insert “CS101 – Test Course” as a current and visible course by typing in the fields and clicking submit | The new course is added to the database, the result can be seen from the Faculty 1 page and the Faculty page | EXACT |  |  |  |
| 3 | Edit the course to “CS101 – Edited Course” as previous and visible by clicking edit next to the course, revising the information, then clicking submit | Redirected to an edit page and then back to the Faculty 1 page. The course information is altered in the database, results can be seen from Faculty 1 page and website | EXACT |  |  |  |
| 4 | Delete the course by clicking the delete button next to the course | The course should no longer be in the database. The result can be seen from the Faculty 1 page and from the website. | EXACT |  |  |  |

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| Test no:  3 | | Function:  Faculty Insert, Edit, and Delete TEST GROUP 3  Sub Test 3:  Dr. Faculty 3 | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Faculty 3 page | Redirect to Faculty 3 page | EXACT |  |  |  |
| 2 | Insert “CS101 – Test Course” as a current and visible course by typing in the fields and clicking submit | The new course is added to the database, the result can be seen from the Faculty 3 page and the Faculty page | EXACT |  |  |  |
| 3 | Edit the course to “CS101 – Edited Course” as previous and visible by clicking edit next to the course, revising the information, then clicking submit | Redirected to an edit page and then back to the Faculty 3 page. The course information is altered in the database, results can be seen from Faculty 3 page and website | EXACT |  |  |  |
| 4 | Delete the course by clicking the delete button next to the course | The course should no longer be in the database. The result can be seen from the Faculty 3 page and from the website. | EXACT |  |  |  |

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| Test no:  4 | | Function:  Faculty Insert, Edit, and Delete TEST GROUP 3  Sub Test 4:  Dr. Faculty 4 | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Faculty 4 page | Redirect to Faculty 4 page | EXACT |  |  |  |
| 2 | Insert “CS101 – Test Course” as a current and visible course by typing in the fields and clicking submit | The new course is added to the database, the result can be seen from the Faculty 4 page and the Faculty page | EXACT |  |  |  |
| 3 | Edit the course to “CS101 – Edited Course” as previous and visible by clicking edit next to the course, revising the information, then clicking submit | Redirected to an edit page and then back to the Faculty 4 page. The course information is altered in the database, results can be seen from Faculty 4 page and website | EXACT |  |  |  |
| 4 | Delete the course by clicking the delete button next to the course | The course should no longer be in the database. The result can be seen from the Faculty 4 page and from the website. | EXACT |  |  |  |

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| Test no:  1 | | Function:  Job Insert, Edit, and Delete TEST GROUP 4  Sub Test 1:  Career Opportunities | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Career Opportunities page | Redirect to Career page | EXACT |  |  |  |
| 2 | Insert “Test Company”, “Test Position”, “Test Location”, “This is a test description”,”123-456-7890”, “test@test.test”, “4/15/2015” as a visible career by typing into the corresponding fields and clicking submit | The new job is added to the database, the result can be seen from the Career page and the Career page | EXACT |  |  |  |
| 3 | Edit the job by replacing the words “Test” with the word “Real” by clicking edit next to the job, revising the information, and then clicking submit | Redirected to an edit page and then back to the Career page. The job information is altered in the database, results can be seen from Career page and website | EXACT |  |  |  |
| 4 | Delete the job by clicking the delete button next to the job | The job should no longer be in the database. The result can be seen from the Career page and from the website. | EXACT |  |  |  |

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| Test no:  2 | | Function:  Job Insert, Edit, and Delete TEST GROUP 4  Sub Test 2:  Internship Opportunities | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Internship Opportunities page | Redirect to Internship page | EXACT |  |  |  |
| 2 | Insert “Test Company”, “Test Position”, “Test Location”, “This is a test description”,”123-456-7890”, “test@test.test”, “4/15/2015” as a visible career by typing into the corresponding fields and clicking submit | The new job is added to the database, the result can be seen from the Internship page and the Career page | EXACT |  |  |  |
| 3 | Edit the job by replacing the words “Test” with the word “Real” by clicking edit next to the job, revising the information, and then clicking submit | Redirected to an edit page and then back to the Internship page. The job information is altered in the database, results can be seen from Internship page and website | EXACT |  |  |  |
| 4 | Delete the job by clicking the delete button next to the job | The job should no longer be in the database. The result can be seen from the Internship page and from the website. | EXACT |  |  |  |

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| Test no:  1 | | Function:  Events Insert, Edit, and Delete TEST GROUP 5 | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Events page | Redirect to Events page | EXACT |  |  |  |
| 2 | Insert “Test Name”, “4/15/2015”, “4PM-6PM”, “Test Location”, “This is a test description.”, “http://www.test.com” as a visible event by typing into the corresponding fields and clicking submit | The new event is added to the database, the result can be seen from the Events page and the current students index page | EXACT |  |  |  |
| 3 | Edit the event by replacing the words “Test” with the word “Real” by clicking edit next to the event, revising the information, and then clicking submit | Redirected to an edit page and then back to the Events page. The event information is altered in the database, results can be seen from Events page and website | EXACT |  |  |  |
| 4 | Delete the event by clicking the delete button next to the event | The event should no longer be in the database. The result can be seen from the Events page and from the website. | EXACT |  |  |  |

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| Test no:  1 | | Function:  Slider Insert, Edit, and Delete TEST GROUP 6 | | | | |
| Step no | Operator Action | Expected Results | Evaluation Criteria | Observed Results | PASS | FAIL |
| 1 | Go to .stvincent.edu/ test/, login, and go to Slider page | Redirect to Slider page | EXACT |  |  |  |
| 2 | Insert an image file and the caption “Test caption” as a visible image by choosing a file, typing in the caption, and clicking Upload Image | The new image is added to the database, the result can be seen from the Slider page and the index pages. The image slider will only display the first three images that are visible. If less than three are visible, there will be blank spaces on the slider. | EXACT |  |  |  |
| 3 | Edit the slider by changing the caption to “This is a caption” by clicking edit next to the image, revising the information, and then clicking submit | Redirected to an edit page and then back to the Slider page. The caption information is altered in the database, results can be seen from Slider page and website | EXACT |  |  |  |
| 4 | Delete the image by clicking the delete button next to the image | The image should no longer be in the database. The result can be seen from the Slider page and from the website. | EXACT |  |  |  |