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| SOUTHERN CROSS UNIVERSITY |

**ASSIGNMENT COVER SHEET**

For use with online submission of assignments

Please complete all of the following details and then make this sheet the **first page of each file of your assignment – do not send it as a separate document.**

Your assignments must be submitted as either **Word documents, text documents with .rtf extension or as .pdf documents**. If you wish tosubmit in any other file format please discuss this with your lecturer well before theassignment submission date.

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| Student Name: | **Erandi** |
| Due date: | **19/08/2021 (Special consideration applied)** |
| Date submitted: | **[18/08/2021]** |

**Introduction and conclusion**

This report is related to Managing Software development projects, which is include three parts which are, software testing, configuration management and report for request for proposal. In the first part of this report include some details of the acceptance test with the example. This example is related to detect the plagiarism of the academic paper submission by the research and development staff. Also, which include the detailed black-box test plan. In this scenario explain the black box test plan with the relevant example. Next part is for the configuration management. This section the report fork to the GitHub and modified the document. Furthermore, explain the change management and the build management. In last section (third part), produced a Request for proposal for the Smart-tech Auto Services. Finally, this assignment report is based on the real time scenarios with relevant examples.

**Part 1 – Testing**

**Acceptance test**

In acceptance test perform testing on google research which allow the staff members to publish their papers. This case study has different scenarios on which we can perform the testing. It informs user about optional checking of bibliographies. The system allows the user exclusion of proper quotations. It also allows user to set minimum number of the matching words and the resubmission of the papers in the given date and time.

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| **Series No.** | **Scenario** | **Expected Outcome** |
| ***Scenario 1 – Optional checking of bibliography*** | | |
| S1.1 | A user login to the system | * User can access system * The system displays the Turnitin link * User can click submission button * User can upload the document |
| S1.2 | User check bibliography | * The system check for the bibliography from the system * System shows the increase similarity * User can see the filter * User can select the bibliography |
| ***Scenario 2 –Allow proper quotations to be executed*** | | |
| S2.1 | Filter paper with the quotations | * Quotations will be executed from the paper * Paper executes the quotation * User can see the similarity percentage * Option for execute * Execute the common words |
| S2.2 | Filter paper without quotations | * System does not execute the quotations * Similarity will decrease |
| ***Scenario 3 – Allow setting a minimum number of matching words*** | | |
| S3.1 | User enters minimum number of words | * System checks same number of matching words * System executes the similarity report |
| S3.2 | User enters zero number of words | * The system display error message * User cannot execute the paper |
| ***Scenario 4 – Allow resubmission of papers up to a given date/time*** | | |
| S4.1 | User resubmits paper on date/time | * System displays the resubmission button * User can click resubmission button * User allows to resubmit the paper |
| S4.2 | User resubmits paper after date/time | * The user cannot see the resubmission link in the system * The resubmission link will not work * The system will display error message * The user can not access the resubmission link |

**Example of simple automated acceptance test script**

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| **Scenario No.** | **Scenario** | **Expected Outcome** |
| S1.1 | Users log in to the system as a staff and upload the paper. | User can see Turnitin link after login to the system and user can upload the paper and its display the successfully upload message. |
| S1.2 | User can see the filter tab in the system and when click it user can click the bibliography in left hand side | After user select the bibliography user can see the results after clicking it |
| S2.1 | When user click filter icon, user can select the quotation | After user select the quotation user can see the result (similarity percentage) after clicking it |
| S2.2 | User can execute the paper without selecting the quotation | user can get the result (similarity percentage) without quotation |
| S3.1 | User can enter minimum number of words in system | user can get the result in the window |
| S3.2 | User can enter zero number of words in system | User can see the error message in the system |
| S4.1 | The system shown in the resubmission button when login to the system on time | User can upload the paper again and after uploading it user get the message successfully uploaded |
| S4.2 | System does not allow to access the resubmission link after the time | System displays the error message |

**Black Box Test**

The black box test is another type of testing which will not allow the user to test for the internal feature of the system, but it will allow user to enter input and test for output shown by the system. It does not have any relation with internal operations which are performed by the system. In this section shown, black box testing for the google job application site.

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| Widgets | Scenario | Expected Outcome |
| What do you want to do (Search) | Enter “Software Development” | * Show all the job vacancies related software development keyword * Shown related courses and advertisements * Suggestions related recruitment services * Interview videos * Job salary details |
| Location field | Enter “San Francisco, London, Michigan” | * Show all the jobs located in given location |
| Degree | 1. Select single degree 2. Select multiple degree | * Show all the jobs for that single degree * Show all the jobs for multiple degree * Show related job qualifications * Show related courses and advertisements |
| Job Types | Select one of the job types (Part time, full time, intern or temporary) | * Show all the selected jobs (Part time, full time, intern or temporary) * Show companies which are provide the internships |
| Clear Filter | Select clear filters | * System clears all the fields that user enters |
| Turn on Job Alert | Toggle alert button | * System sends alerts to the user for the job notification |
| Sort by | 1. Date 2. Relevance | * Sort the suggested job according to the date (Most relevant) * Sort jobs basis of relevance |
| Action on job | 1. Share 2. Save | * System allows user to share the job with friend by clicking the share button * User can save the job for future action of future reference |

**References**

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