

Lauras Landscaping

(ICTPRG529 - Apply Testing Techniques for
Software Development)

Student: Brad Kent

Date: 12/7/17

Unit:	ICTPRG529
Teacher:	Mark O'Reilly

1. Create and send an **email** to your Project Manager to obtain program specifications and review the document in preparation for testing of the application.

To: Manager / Client / Development Team
From:
CC:
BCC:
Date: 19/07/2018
Subject: Project Specifications

Hi David,

Regarding Laura's Landscaping project specifications.

Could you request that the research / business team to upload the project specifications to the online system.

This is so I can get the team working on reviewing in preparation for TDD on the application.

Regards,
Jeff Steel

Jeff Steel
jeffsteel@proitsolutions.com.au

2. Based on the scenario above and your interpretation of the program specifications, prepare a test plan and the test cases to test the application.

Utilise the documents:

- 2b_Software Test Plan.dotx
- 2c_Test Report Template Functionality.xlsx

3. Include in your test plan what will be tested in the application, how you will test it, what testing tools and testing types to use, and the input data requirements of the application being tested.

Utilise the documents:

- 2b_Software Test Plan.dotx
- 2c_Test Report Template Functionality.xlsx

4. Prepare a checklist to build and set up the test environment in accordance to the program specifications and submit (**email**) a sign-off sheet to your supervisor to verify that the test environment is built and ready for testing.

To: Manager / Client / Development Team
From: Jeff Steel
CC:
BCC:
Date: 19/07/2018
Subject: Test Environment Checklist

Hi David,

Regarding the Test environment, I have compiled a check list that the team would need to set up the environment for testing later this week.

CheckList:

- A dedicated room near the server room, with the most stable connection
- A set of computers that are linked into both the application running on a selection of machines and another selection of machines that are connected to the data base / network to monitor and log results
- A represent from the Business QA team
- A represent from the Dev team
- A represent from the Business team
- A selection from the testing team including a system admin
- Setup would need a local room to have adequate tables, chairs, paper utilities all template and software management tools would need to be linked in a running.

See attached a sign off sheet as well as a link to the history so far in this project.

Regards,
Jeff Steel

Jeff Steel
jeffsteel@proitsolutions.com.au

5. Based on the test cases developed, create test data and test script to test the application.

Utilise the documents:

- 2b_Software Test Plan.dotx
- 2c_Test Report Template Functionality.xlsx

6. Using the test cases, test data, and test scripts developed, perform and record the application given to you, and analyse test results by preparing a test summary report.

Add further detail to the document:

- 2c_Test Report Template Functionality.xlsx

7. Prepare a checklist in order of priorities the defects identified and submit a sign-off sheet via **email** to your supervisor and the development team to verify the fixes.

Add further detail to the document:

- 2c_Test Report Template Functionality.xlsx

...and prepare an associated email:

To: Manager / Client / Development Team
From:
CC:
BCC:
Date: 19/07/2018
Subject: Test results

Hi David,

Regarding test results.

Testing results have been uploaded to the local system via Jira, some issues are urgent I.e. security and data inputs issues were found when using open ended unicode. More details are available via Jira.

Due to some of these issues being urgent to the next checkpoint, a team meeting with the dev team today would be needed to resolve this issues in an acceptable time frame.

Regards,
Jeff Steel

Jeff Steel
jeffsteel@proitsolutions.com.au

8. Prepare a report (**email**) to your supervisor to indicate how you have archived / stored your test plan, test environment checklist, test summary report, and defect logs and checklist.

To: Manager / Client / Development Team
From:
CC:
BCC:
Date: 19/07/2018
Subject: Storage of Test Results

Hi David,

Regarding testing data storage.

All testing data (notes, docs, code snippets along with the bugged code) have been stored on both the local database and a offline cloud with a backup in a different country.

The data is organised via a templating / package system outlined in the documentation provided via the website or root folder.

Regards,
Jeff

Jeff Steel
jeffsteel@proitsolutions.com.au
