**BCIS285 Software Testing**

**TEST CASE TEMPLATE**

A test case can have the following elements. Note, however, that normally a test management tool is used by companies and the format is determined by the tool used.

|  |  |
| --- | --- |
| Test Suite ID | The ID of the test suite to which this test case belongs. |
| Test Case ID | The ID of the test case. |
| Test Case Summary | The summary / objective of the test case. |
| Related Requirement | The ID of the requirement this test case relates/traces to. |
| Prerequisites | Any prerequisites or preconditions that must be fulfilled prior to executing the test. |
| Test Procedure | Step-by-step procedure to execute the test. |
| Test Data | The test data, or links to the test data, that are to be used while conducting the test. |
| Expected Result | The expected result of the test. |
| Actual Result | The actual result of the test; to be filled after executing the test. |
| Status | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| Remarks | Any comments on the test case or test execution. |
| Created By | The name of the author of the test case. |
| Date of Creation | The date of creation of the test case. |
| Executed By | The name of the person who executed the test. |
| Date of Execution | The date of execution of the test. |
| Test Environment | The environment (Hardware/Software/Network) in which the test was executed. |

**(See over for Test Case Example)**

**TEST CASE EXAMPLE / TEST CASE SAMPLE**

|  |  |
| --- | --- |
| Test Suite ID | TS001 |
| Test Case ID | TC001 |
| Test Case Summary | To verify that clicking the Generate Coin button generates coins. |
| Related Requirement | RS001 |
| Prerequisites | 1. User is authorized. 2. Coin balance is available. |
| Test Procedure | 1. Select the coin denomination in the Denomination field. 2. Enter the number of coins in the Quantity field. 3. Click Generate Coin. |
| Test Data | 1. Denominations: 0.05, 0.10, 0.25, 0.50, 1, 2, 5 2. Quantities: 0, 1, 5, 10, 20 |
| Expected Result | 1. Coin of the specified denomination should be produced if the specified Quantity is valid (1, 5) 2. A message ‘Please enter a valid quantity between 1 and 10’ should be displayed if the specified quantity is invalid. |
| Actual Result | 1. If the specified quantity is valid, the result is as expected. 2. If the specified quantity is invalid, nothing happens; the expected message is not displayed |
| Status | Fail |
| Remarks | This is a sample test case. |
| Created By | John Doe |
| Date of Creation | 01/14/2020 |
| Executed By | Jane Roe |
| Date of Execution | 02/16/2020 |
| Test Environment | * OS: Windows Y * Browser: Chrome N |