COMP5202

**Login System Test Plan**

**Introduction**

This test plan describes the testing process for login system. It is designed to ensure the appropriate information is displayed and test for inappropriate inputs from the user.

**Test Items**

Login system app v0.1a (Alpha release)

Q1\_Login is a full project folder contains program.cs file needed to execute the application.

**Test Environment**

The application is designed to run in Visual Studio 2017 on Windows 10.

**Scenario**

Scenario 1 –

Test what will happen if the user inputs the username of incorrect length.

Scenario 2 –

Test what happens if the username is in correct length.

Scenario 3 –

Test what happens if the length of password is not valid.

Scenario 4 –

Test what happens when the password 1 does not match password 2

**Testing Method**

The testing for this project will involve two main types of testing:

• Black box Testing – Check the inputs and outputs are appropriate

• White box Testing – Inspection of the code Both testing methods will require user input from the tester and will then evaluate the resulting conditions.

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**Pass / Fail Criteria**

Scenario 1

|  |  |  |
| --- | --- | --- |
| **Inputs** | | **Outputs** |
| Expected |  | Invalid username |
| Actual |  | Invalid username |
| Expected |  | Invalid username |
| Actual |  | Invalid username |

Scenario 2

|  |  |  |
| --- | --- | --- |
| **Inputs** | | **Outputs** |
| Expected |  | valid username |
| Actual |  | valid username |
| Expected |  | valid username |
| Actual |  | valid username |

Scenario 3

|  |  |  |
| --- | --- | --- |
| **Inputs** | | **Outputs** |
| Expected |  | Sorry! Your password must have to be at least 8 characters |
| Actual |  | Sorry! Your password must have to be at least 8 characters |
| Expected |  | Sorry! Your password must have to be at least 8 characters |
| Actual |  | Sorry! Your password must have to be at least 8 characters |

Scenario 4

|  |  |  |  |
| --- | --- | --- | --- |
| **Inputs** | | | **Outputs** |
|  | **Password 1** | **Password 2** |  |
| Expected |  |  | Sorry! Your passwords do not match |
| Actual |  |  | Sorry! Your passwords do not match |
| Expected |  |  | Sorry! Your passwords do not match |
| Actual |  |  | Sorry! Your passwords do not match |

**Modification Notes**

No modifications were required in any of the scenario. The program ran smoothly.