COMP5202

# Rotorua Login Test Plan

## Introduction

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

## Test Items

Rotorua Login System v1

The application consists of two files Assignment.sln and program.cs which are required for the program to execute

## Test Environment

The application is designed to run in Visual Studio 2017 using C#

## Scenario

Scenario 1 – Test what will happen if a user inputs the valid input.

Scenario 2 – Test what happens if the user enters an invalid input.

## 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.

## Pass / Fail Criteria

Scenario 1

|  |  |  |
| --- | --- | --- |
|  | Inputs | Outputs |
| Expected | Enter name that is 8 or more letters long. | Program says the name is the right length and breaks out of the loop. |
| Actual | Enter name that is 8 or more letters long. | Program says the name is the right length and breaks out of the loop. |
| Expected | Enter password that is 8 or more letters long. | Program says the password is the right length and breaks out of the loop. |
| Actual | Enter password that is 8 or more letters long. | Program says the password is the right length and breaks out of the loop. |
| Expected | Enter two passwords that match. | Program says the passwords match and breaks the loop. |
| Actual | Enter two passwords that match. | Program says the passwords match and breaks the loop. |

Scenario 2

|  |  |  |
| --- | --- | --- |
| Expected | Enter name less than 8 letters long. | Program says the name is to short and gives the user the option to try again. |
| Actual | Enter name less than 8 letters long. | Program says the name is to short and gives the user the option to try again. |
| Expected | Enter password less than 8 letters long. | Program says the password is to short and gives the user the option to try again. |
| Actual | Enter password less than 8 letters long. | Program says the password is to short and gives the user the option to try again. |
| Expected | Enter two passwords that don’t match. | Program says the two passwords don’t match and gives the user the option to try again. |
| Actual | Enter two passwords that don’t match. | Program says the two passwords don’t match and gives the user the option to try again. |
| Expected | Enter a username or password that is all spaces. | Program does not accept the username or password. |
| Actual | Enter a username or password that is all spaces. | Program does accept the username and password. |

## Modification Notes

Scenario 1 – All outputs match and are correct and the code is correct.

Scenario 2 – Program accepts blank spaces as username and password. I fixed this by using the C# trim method which Returns a new string in which all leading and trailing occurrences of a set of specified characters from the current String object are removed. Which means it does not return blank spaces as characters

<https://docs.microsoft.com/en-us/dotnet/api/system.string.trim?view=netframework-4.8>