COMP5202

# Login System Test Plan

## Introduction

This test plan describes the testing process of the login system. This is to ensure that the correct information is being displayed at the right times of output

## Test Items

This application consists of one file solution FinalAssesment\_StaffLogin.snl

## Test Environment

Visual Studio 2017 or later

## Scenario

Scenario 1 – The username and password inputted will meet all of the requirements.

Scenario 2 – The username and password meet requirements, but involve numbers

Scenario 3 – The username and password are just (8 Spaces).

Scenario 4 – The username meets requirements but the two passwords don’t match.

## 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** |
|  |  |  | **Username** | **Password 1** | **Password 2** | **Accepted/Failed** |
| Expected |  |  | LCorkery | Something | Something | Accepted |
| Actual |  |  | LCorkery | Something | Something | Accepted |

Scenario 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **Password 1** | **Password 2** | **Accepted/Failed** |
| Expected |  |  | Lara1234 | Password123 | Password123 | Accepted |
| Actual |  |  | Lara1234 | Password123 | Password123 | Accepted |

Scenario 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **Password 1** | **Password 2** | **Accepted/Failed** |
| Expected |  |  | (8 Spaces) | (8 Spaces) | (8 Spaces) | Failed |
| Actual |  |  | (8 Spaces) | (8 Spaces) | (8 Spaces) | Accepted |

Scenario 4

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **Password 1** | **Password 2** | **Accepted/Failed** |
| Expected |  |  | LaraC268 | Password1 | Password2 | Failed |
| Actual |  |  | LaraC268 | Password1 | Password2 | Failed |

## Modification Notes

Scenario 1 – Application worked as it was expected to.

Scenario 2 – Application worked as it was expected to.

Scenario 3 – Since this scenario failed, (.Trim();) code was added to stop spaces being classified as a character.

Scenario 4 – Application worked as it was expected to.