COMP5202 Assignment

# Test plan for:

# Rotorua holiday park staff login

## Introduction

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

## Test Items

Rotorua holiday park staff login system v0.1a (Alpha release)

The application consists of a visual studio code file built within the .NET Framework 4.6.1 required for the application to execute.

## Test Environment

The application is designed to run in visual studio and utilises the console app.

No other specific systems required for testing.

## Scenario

Scenario 1 -Test what will happen if a user inputs a username with a string of all numbers as opposed to an expected username of all letters of a combination of letters and numbers.

Scenario 2 -Test what happens if the user enters a username that is less than 8 characters.

Scenario 3 – Test what will happen if the user inputs a special character (i.e. !) within the password

Scenario 4 – Test what will happen if the second password does not match the first password.

## Testing Method

The testing for this project will involve one type of testing:

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

This testing will require user input from the tester and will then evaluate the resulting conditions.

## Success / Error Criteria

Scenario 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **First Password** | **Second Password** | **Result** |
| Expected |  |  | String of letters and numbers  “Benjamin123” | N/A | N/A | Success |
| Test |  |  | String of only numbers  “12345678” | N/A | N/A | Success |

Scenario 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **First Password** | **Second Password** | **Result** |
| Expected |  |  | Username is at least 8 characters or more | N/A | N/A | Success |
| Test |  |  | Username is less than 8 characters | N/A | N/A | Error |

Scenario 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **Password** | | **Result** |
| Expected |  |  | N/A | Password does not contain special character  “Password123” | | Success |
| Test |  |  | N/A | Password does contain special character  “Password123!” | | Success |

Scenario 4

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Inputs** |  |  | **Outputs** |
|  |  |  | **Username** | **First Password** | **Second Password** | **Result** |
| Expected |  |  | N/A | Inputted password | Password matches first password | Success |
| Test |  |  | N/A | Inputted password | Password does not match first password | Error |

## Modification Notes

Scenarios 1-4 –No issues encountered with all 4 scenarios. Application runs as it should. Chur!