**Test plan for Rotorua Thermal Holiday Park’s login system**

Introduction

This test plan describes the testing process for the login system program for the Rotorua Thermal Holiday Park. It is designed to test the user’s input against the required criteria.

Test Items

Rotorua Thermal Holiday Park User Login Application v0.1

The application contains one C# file, Program.cs

Test Environment

The application is being developed and tested in Visual Studio 2017

Scenario

Scenario 1: Test a range of inputs for the username input.

* Username of length more than 8 characters
* Username of exactly 8 characters
* Username of less than 8 characters
* Username including a space
* Username including only numbers
* Username including only spaces

Scenario 2: Test a range of inputs for the password inputs.

* Matching passwords of more than 8 characters
* Matching passwords of exactly 8 characters
* Matching passwords of less than 8 characters
* Different passwords of equal length
* Different passwords of different length

Testing Method

The testing for this project will require the tester to enter different inputs into the program and record the resulting outputs.

Pass/Fail Criteria

Scenario 1: Username

|  |  |  |
| --- | --- | --- |
| **Username Inputs** | **Expected output** | **Actual output** |
| JohnSmith | Success | Success |
| JohnSmit | Success | Success |
| John | Error | Error |
| John Smith | Success | Success |
| 12345267890 | Success | Success |
| “ “ (8 spaces) | Success | Success |

Scenario 2: Password

|  |  |  |  |
| --- | --- | --- | --- |
| **Password 1 input** | **Password 2 input** | **Expected output** | **Actual output** |
| 123456789 | 123456789 | Success | Success |
| 12345678 | 12345678 | Success | Success |
| 1234567 | 1234567 | Error | Error |
| 12345678 | 12345679 | Error | Error |
| 123456789 | 1234567 | Error | Error |