TEST PLAN (LOGIN SYSTEM TERMINAL APP)

**Introduction**

This test plan describes the testing process of login system It is a console application which is used to get username and password as input from user and validates the input as correct or incorrect.

**Test Items**

* Login console terminal application coded in C sharp Language.
* Q1\_Login folder with Q1\_Login.sln > Program.cs file.
* Q1\_Login is a full project folder contains program.cs file needed to execute the application.

**Test Environment**

* This console application is designed to run in a Microsoft’s visual studio 2017.
* User Need to click > open project > Q1\_Login.sln file to import the project in visual studio 2017.

**Scenario:**

Scenario 1:

User inputs the Username with correct length.

Scenario 2:

User inputs the Username with In-correct length

Scenario 3:

User inputs the Password with correct length.

Scenario 4:

User inputs the Password with In-correct length

Scenario 5:

User inputs the Password two times and both inputs do not match each other.

**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: (correct UserName Length)**

|  |  |  |
| --- | --- | --- |
|  | **Inputs** | **Outputs** |
| **Cases** | **UserName Input** |  |
| **Expected** | vikramjeet | Now Please enter password |
| **Entered** | vikramjeet | Now Please enter password |
| **Expected** | abcdefgh | Now Please enter password |
| **Entered** | abcdefgh | Now Please enter password |

**Scenario 2: (Incorrect UserName Length)**

|  |  |  |
| --- | --- | --- |
|  | **Inputs** | **Outputs** |
| **Cases** | **UserName Input** |  |
| **Expected** | vikramjeet | Now Please enter password |
| **Entered** | vikram | Invalid Length. Retry |
| **Expected** | abcdefgh | Now Please enter password |
| **Entered** | abc | Invalid Length. Retry |

**Scenario 3: ( correct password Length)**

|  |  |  |
| --- | --- | --- |
|  | **Inputs** | **Outputs** |
| **Cases** | **Password Input** |  |
| **Expected** | vikramjeet123 | Now Confirm password |
| **Entered** | vikramjeet123 | Now Confirm password |
| **Expected** | abcde456 | Now Confirm password |
| **Entered** | abcde456 | Now Confirm password |

**Scenario 4: (Incorrect password Length)**

|  |  |  |
| --- | --- | --- |
|  | **Inputs** | **Outputs** |
| **Cases** | **Password Input** |  |
| **Expected** | vikramjeet123 | Now Confirm password |
| **Entered** | vikram | Invalid Length. Retry |
| **Expected** | abcde456 | Now Confirm password |
| **Entered** | abc | Invalid Length. Retry |

**Scenario 5: ( Password Mismatched)**

|  |  |  |
| --- | --- | --- |
|  | **Inputs** | **Outputs** |
| **Cases** | **Password Input** |  |
| **Expected** | vikramjeet123 | Now Confirm password |
| **Entered** | vikramjeet121 | Password Mismatched.Retry |
| **Expected** | vikramjeet123 | Login Success |

GREEN = CORRECT; RED = INCORRECT