**Test Plan**

Web Application

**Prepared by:**

Satya Naga Krishna Sai Nitin

28/06/2022

**TABLE OF CONTENTS (TOC)**

1.0 INTRODUCTION

2.0 OBJECTIVES AND TASKS  
2.1 Objectives  
2.2 Tasks

3.0 SCOPE

4.0 Testing Strategy  
4.1 Alpha Testing (Unit Testing)  
4.2 System and Integration Testing  
4.3 Performance and Stress Testing  
4.4 User Acceptance Testing  
4.5 Batch Testing  
4.6 Automated Regression Testing  
4.7 Beta Testing

5.0 Hardware Requirements

6.0 Environment Requirements  
6.1 Main Frame  
6.2 Workstation

7.0 Test Schedule

8.0 Control Procedures

9.0 Features to Be Tested

10.0 Features Not to Be Tested

11.0 Resources/Roles & Responsibilities

12.0 Schedules

13.0 Significantly Impacted Departments (SIDs)

14.0 Dependencies

15.0 Risks/Assumptions

16.0 Tools

17.0 Approvals

1.0 INTRODUCTION

The developed web application does the functionality of taking the input of the user details such as First Name, Last Name for details and requests the email address and phone number for communication details. A text box is provided for the user to explain his concern or extend further communication with the company. We have a submit button to submit the details and reset button to reset all the details in case of any errors.

2.0 OBJECTIVES AND TASKS

2.1 Objectives

The primary objective of this application is to function as the starting point of the communication between the customer and company. The textboxes are supposed to collect information and constraints placed to check the values.

2.2 Tasks

The tasks are to check the textboxes with valid input and the buttons are tested to work correctly.

3.0 SCOPE

General: We use textboxes to enter data and enter the correct values and they should return no error.

Tasks: 1. We enter character values in number textbox to check for any errors.

2. We use numbers in the character and email field to check for any errors.

3. We evaluate buttons for proper functionality.

4. Prepare number of test cases.

4.0 TESTING STRATEGY

4.1 UNIT TESTING

Definition: We use unit testing to test out each text box individually and text boxes for any kind of errors and malfunctions and report them back to the team.

Participants: Satya Naga Krishna Sai Nitin Bogavarapu

4.2 System and Integration Testing  
4.3 Performance and Stress Testing  
4.4 User Acceptance Testing  
4.5 Batch Testing  
4.6 Automated Regression Testing  
4.7 Beta Testing

5.0 HAARDWARE REQUIREMENTS

Computers

Modems

**6.0 ENVIRONMENT REQUIREMENTS**

**6.1 Main Frame**

We need a ordinary computer with minimal hardware requirements and a strong internet connection in order to connect to the application. This is a standalone application so there are no certain specifications required, all we need is a normal and basic computer with a strong internet connection. Windows Firewall does the security trick and no additional security is required.

**6.2 Workstation**

**7.0 TEST SCHEDULE**

We evaluate all the textboxes for their assigned functionality and cross-check for any errors, and if any are detected we report them to the development team.

**8.0 CONTROL PROCEDURES**

**Problem Reporting**

Note down the logs and submit them to the development team.

**Change Requests**

**9.0 FEATURES TO BE TESTED**

We need to test all the textboxes and buttons.

**10.0 FEATURES NOT TO BE TESTED**

**11.0 RESOURCES/ROLES & RESPONSIBILITIES**

Satya Naga Krishna Sai Nitin Bogavarapu’

* Lead tester
* Conduct meetings and verify progress
* Evaluate the process.

Laxman

* Test Engineer/tester.
* Verify the errors and prepare the report.
* Submit the report to the Lead for verification.

**12.0 SCHEDULES**

**Major Deliverables:**

* Test Plan
* Test Cases
* Test Incident Reports
* Test Summary Reports

**13.0 SIGNIFICANTLY IMPACTED DEPARTMENTS (SIDs)**

Lead Tester, Tester(s)

**14.0 DEPENDENCIES**

**15.0 RISKS/ASSUMPTIONS**

The details if not submitted successfully may lead to the data leak of the user and may arise security threats. Due is set on the 15th of July and submission is set to due on 20th of July.

**16.0 TOOLS**

**17.0 APPROVALS**