IEEE 829 Test Plan Template

Test Plan Identifier: Diabetes\_Prediction\_ST\_001

Introduction: This test plan is written to do the system testing for calculator.

Test Items: The following Test(function) items to be tested GUI and Arithmetic questions.

Features To Be Tested: The following features will be tested as part of

system testing GUI, Addition, Subtraction, Multiplication, Division.

Features Not To Be Tested: Not applicable.

Approach: Our Calculator provides GUI Screen for doing the arithmetic

operations. All these arithmetic Operation(Addition, Subtraction, Multiplication, Division) will be tested using GUI screen.

Item Pass/Fail Criteria: Every test case will have an input and processing and it will give the output, if the output is according to expected output it is pass otherwise it is fail.

Suspension Criteria And Resumption Requirements: During the system testing, if the number of defects are more the test team will suspend the testing activity. The test team will resume testing when all the defect are fixed.

Test Deliverables: Test plan, Test case, Test script, Test Script automation and Test Defects.

Testing Tasks:

1. Setting up the test system with the product called calculate.
2. Execute all the test case and teat scripts.
3. Generate a report and share it with development team.

Environmental Needs: Pentium i7 mission with windows 10 OS + product software.

Responsibilities: The responsibility of the system test team is to execute all the test scripts and generate a report which gives the number of test script passed and failed.

Staffing And Training Needs: 1 Engineer is required.

Schedule: 1 day.

Risks And Contingencies: Not applicable.

Approvals: The test plan has to be approved by the project

Manager, Development lead and customer .