**Computer Engineering - San Jose State University**

**Software Engineering I Project**

**Software Test Specification Template**

1. **Introduction**
   1. Purpose

*Briefly specify the purpose of this document.*

* 1. Scope

*Set the right expectation from the readers by defining the scope of the document, what is intended to be covered and what is omitted from the document.*

* 1. Definitions

*Provide definition of any terminologies or abbreviations used in the document.*

* 1. References

*List all references used in this specification*

* 1. Overview

*Briefly describe the test types covered in this document, the strategy, objectives, etc.*

1. **Unit Test** 
   1. *Name of Unit Test Case*
      1. Description

*Describe what this test case intends to test.*

* + 1. Setup

*Describe the required setup or environment to execute this test.*

* + 1. Test Procedure

*Describe step-by-step how to execute this test case.*

* + 1. Criteria

*Specify Pass/Fail criteria.*

* 1. *Test Case Name*

*…..*

1. **Module & Integration Test**
   1. *Name of Test Case*
      1. Description

*Describe what this test case intends to test.*

* + 1. Setup

*Describe the required setup or environment to execute this test.*

* + 1. Test Procedure

*Describe step-by-step how to execute this test case.*

* + 1. Criteria

*Specify Pass/Fail criteria.*

* 1. *Test Case Name*

*…..*

1. **User Test**
   1. *Name of Test Case*
      1. Description

*Describe what this test case intends to test.*

* + 1. Setup

*Describe the required setup or environment to execute this test.*

* + 1. Test Procedure

*Describe step-by-step how to execute this test case.*

* + 1. Criteria

*Specify Pass/Fail criteria.*

* 1. *Test Case Name*

*…..*