

SE 3XA3: Test Plan
Title of Project

Team #, Team Name
Student 1 name and macid
Student 2 name and macid
Student 3 name and macid

November 17, 2016

Contents

1	General Information	1
1.1	Purpose	1
1.2	Scope	1
1.3	Acronyms, Abbreviations, and Symbols	1
1.4	Overview of Document	2
2	Plan	2
2.1	Software Description	2
2.2	Test Team	2
2.3	Automated Testing Approach	2
2.4	Testing Tools	2
2.5	Testing Schedule	2
3	System Test Description	2
3.1	Tests for Functional Requirements	2
3.1.1	Area of Testing1	2
3.1.2	Area of Testing2	3
3.2	Tests for Nonfunctional Requirements	3
3.2.1	Area of Testing1	3
3.2.2	Area of Testing2	3
3.3	Traceability Between Test Cases and Requirements	4
4	Tests for Proof of Concept	4
4.1	Area of Testing1	4
4.2	Area of Testing2	4
5	Comparison to Existing Implementation	4
6	Unit Testing Plan	4
6.1	Unit testing of internal functions	4
6.2	Unit testing of output files	4
7	Appendix	5
7.1	Symbolic Parameters	5
7.2	Usability Survey Questions?	5

List of Tables

1	Revision History	ii
2	Table of Abbreviations	1
3	Table of Definitions	1

List of Figures

Table 1: **Revision History**

Date	Version	Notes
Date 1	1.0	Notes
Date 2	1.1	Notes

This document ...

1 General Information

1.1 Purpose

1.2 Scope

1.3 Acronyms, Abbreviations, and Symbols

Table 2: **Table of Abbreviations**

Abbreviation	Definition
Abbreviation1	Definition1
Abbreviation2	Definition2

Table 3: **Table of Definitions**

Term	Definition
Term1	Definition1
Term2	Definition2

1.4 Overview of Document

2 Plan

2.1 Software Description

2.2 Test Team

2.3 Automated Testing Approach

2.4 Testing Tools

2.5 Testing Schedule

See Gantt Chart at the following url ...

3 System Test Description

3.1 Tests for Functional Requirements

3.1.1 Area of Testing1

Title for Test

1. test-id1

Type: Functional, Dynamic, Manual, Static etc.

Initial State:

Input:

Output:

How test will be performed:

2. test-id2

Type: Functional, Dynamic, Manual, Static etc.

Initial State:

Input:

Output:

How test will be performed:

3.1.2 Area of Testing2

...

3.2 Tests for Nonfunctional Requirements

3.2.1 Area of Testing1

Title for Test

1. test-id1

Type:

Initial State:

Input/Condition:

Output/Result:

How test will be performed:

2. test-id2

Type: Functional, Dynamic, Manual, Static etc.

Initial State:

Input:

Output:

How test will be performed:

3.2.2 Area of Testing2

...

3.3 Traceability Between Test Cases and Requirements

4 Tests for Proof of Concept

4.1 Area of Testing1

Title for Test

1. test-id1

Type: Functional, Dynamic, Manual, Static etc.

Initial State:

Input:

Output:

How test will be performed:

2. test-id2

Type: Functional, Dynamic, Manual, Static etc.

Initial State:

Input:

Output:

How test will be performed:

4.2 Area of Testing2

...

5 Comparison to Existing Implementation

6 Unit Testing Plan

6.1 Unit testing of internal functions

6.2 Unit testing of output files

7 Appendix

This is where you can place additional information.

7.1 Symbolic Parameters

The definition of the test cases will call for `SYMBOLIC_CONSTANTS`. Their values are defined in this section for easy maintenance.

7.2 Usability Survey Questions?

This is a section that would be appropriate for some teams.