SE 3XA3: Test Plan FaultInOurPong

Team 3, Pongthusiastics Adwity Sharma - sharma78 Arfa Butt - buttaa3 Jie Luo - luoj3

October 30, 2016

Contents

1	Ger	neral Information	1					
	1.1	Purpose	1					
	1.2	Scope						
	1.3	Acronyms, Abbreviations, and Symbols	1					
	1.4	Overview of Document	2					
2	Plan							
	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	Sys	tem Test Description	2					
	•	Tests for Functional Requirements	2					
		3.1.1 Area of Testing1						
		3.1.2 Area of Testing2	Ç					
	3.2	Tests for Nonfunctional Requirements	Ç					
		3.2.1 Area of Testing1	Ç					
		3.2.2 Area of Testing2	į					
4	Tests for Proof of Concept							
	4.1	Area of Testing1						
	4.2	Area of Testing2	4					
5	Cor	nparison to Existing Implementation	4					
6	Uni	it Testing Plan	4					
		Unit testing of internal functions	4					
		Unit testing of output files						
7	Apı	pendix	5					
		Symbolic Parameters						
		Heability Survey Questions?						

List of Tables

1	Revision History	i
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 Abbreviation2	

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-id 2

Type: Functional, Dynamic, Manual, Static etc.

Initial State:

Input:

Output:

How test will be performed:

3.2.2 Area of Testing2

. . .

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.