

Demonstration and Test Report Guidelines

What should your demonstration include? Run all of your (4 to 5) test cases. Plan to explain (with the help of the Test Report [TR]) what requirements are being verified by running a particular test case (see section 6 of the guidelines below). Show the input and outputs. Give rationale behind the choice of test cases based on the transaction analysis you did during the design phase using SSA/SD. Provide a hard copy of your abbreviated test report (ATR) which contains the following (the standard referred to here is IEEE Std. 829-1933 for Test Documentation):

Title Page

Abstract

Frontmatter

1. Introduction

1.1. Purpose

1.2. Scope (optional)

1.3. Definitions, acronyms, and abbreviations

1.4. References

1.5. Overview (of this document)

2. Test-Design Specification (see section 4 of the standard for details)

2.1. Purpose (see page 24 for an example of *features to be tested*)

2.2. Outline

2.3. Test-Design-Specification Identifier

2.4. Features to be Tested

2.5. Approach Refinements

2.6. Test Identification (use one to three test cases for each test design specification)

2.7. Feature Pass/Fail Criteria

3. Test-Case Specification (see section 5 of the standard for details)

3.1. Purpose

3.2. Outline

3.3. Test-Case-Specification Identifier

3.4. Input Specification

3.5. Output Specification

3.6. Environmental Needs

3.7. Special Procedural Requirements

3.8. Intercase Dependencies

Appendix(s) include the following

RTM = Requirements Traceability Matrix (identify each test case wrt the requirement it verifies).

Approval: *this is to be completed during the demonstration*

Specify the names and titles of all persons who must approve this report

Provide space _____ for the signatures (and dates)

Index (optional)