

## Demonstratoin 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 (assuming you used SSA/SD the methodology). 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

### Front matter

#### 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. Inter-case Dependencies

#### 4. Test Report Summary

Simply give a table with with each test case identified per row. The purpose is to be given as introductory text. Explain why the table is being included and refer to the table number. Lable the columns appropriately as described in the standard (see the items where I've added circled check marks).

### Appendix(es) include the following

RTM = Requirements Traceability Matrix (identify each requirement that each of your test cases verifies). You wil likely find it useful to add a new column to the RTM. Approval(s), this may (or may not 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)