



# Test Design Specification Template (IEEE 829-1998)

## Test Design Specification Identifier

- Some type of unique company generated number to identify this test case specification, its level and the level of software that it is related to. Preferably the design specification level will be the same as the related software level. Ideally the design specification naming convention should follow the same general rules as the software it is related to. This is to assist in coordinating software and testware versions within configuration management.
- Unique "short" name for the case
- Version date and version number of the case
- Version Author and contact information
- Revision history

## Features to be Tested

The set of test objectives covered by this test design specification. It is the overall purpose of this document to group related test items together.

- Features
  - Attributes and Characteristics
  - Groupings of features
- Level of testing appropriate to test item if this test design specification covers more than one level of testing
- Reference to the original documentation where this test objective (feature) was obtained.

## Approach Refinements

Add the necessary level of detail and refinement based on the original approach defined in the test plan associated with this test design specification.

- Selection of specific test techniques
  - Reasons for technique selection
- Method(s) for results analysis
  - Tools etc.
- Relationship of the test items/features to the levels of testing
- Summarize any common information that may relate to multiple test cases or procedures. My centralizing common information document size is reduced and maintenance is simplified.
  - Shared Environment
  - Common setup/recovery

- Case dependencies

### **Test Identification**

- Identification of each test case with a short description of the case, its test level or any other appropriate information required to describe the test relationship.
- Identification of each test procedure with a short description of the case, its test level or any other appropriate information required to describe the test relationship.

### **Feature Pass/Fail Criteria**

Describe the criteria for assessing the feature or set of features and whether the test(s) were successful or not.