**VALIDATION, VERIFICATION, AND TESTING PLAN**

*Project or System Name*

**Revision Sheet**

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| --- | --- | --- |
| **Release No.** | **Date** | **Revision Description** |
| Rev. 0 | 5/30/00 | Validation, Verification, and Testing Plan Template and Checklist |
| Rev. 1 | 4/12/02 | Conversion to WORD 2000 format |
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**VALIDATION, VERIFICATION AND TESTING PLAN**

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# GENERAL INFORMATION

## 1.1 Purpose

**The main purpose of project is to see some time zone all over the world and check time difference between two time zones.**

## 1.2 Scope

**The application is limited to 9 zones and the calculation of the time difference between the zones selected by the user.**

## 1.3 System Overview

Provide a brief system overview description as a point of reference for the remainder of the document. In addition, include the following:

1. System name – **TIME ZONE2**
2. Source code
3. System category
4. *Major application*: **clearly defined functions for which there is a readily identifiable security consideration and need**
5. Operational status
6. **Developed**
7. System environment and special conditions

## 1.4 Project References

Provide a list of the references that were used in preparation of this document.

1. *Previously developed documents relating to the project*
2. *Documentation concerning related projects*

# TEST EVALUATION

## 2.2 Test Evaluation Criteria

## 2.3 User System Acceptance Criteria

**At least six functions must be met for the system to be accepted as “fit for use” by the user or sponsoring organization.**

# TESTING SCHEDULE

## 3.1 Overall Test Schedule

Prepare a testing schedule to reflect the unit, integration, system acceptance, and release tests, as well as the time duration of each. This schedule should reflect the personnel involved in the test effort and the site location. In the test schedule, include the following information:

1. Documentation review
2. Test scripts
3. Data preparation
4. Test execution
5. Output review
6. System certification
7. System release

## 3.2 Security

**Requirements necessary to ensure the integrity of the testing procedures and data are try – catch blocks with exceptions which are responsible for validation.**

# TESTING CHARACTERISTICS

## 4.1 Testing Conditions

**The testing includes inputs entered by the user to choose what option of software want to see.**

## 4.3 Data Recording

**Data recording in database or some files is not supported.**

## 4.4 Testing Constraints

**No limitations imposed on the testing system or conditions (timing, interfaces, equipment, and personnel).**

# TEST DESCRIPTION

This section provides a description of the tests. Each test should be under a separate section header, 5.1 - 5.x

### 5.x.3 Means of Control

**The tests are controlled automatic.**

### 5.x.4 Test Data

**Try-catch blocks.**

#### 5.x.4.1 Input Data

**The data is controlled by if-else statements and exceptions for inappropriate data.**

**5.x.4.3 Output Data**

**The location of the output data is displayed on the console.**