Fire Alert Scanner

Test Case Specification (TCS)

Version <1.0>

[Note: Text enclosed in square brackets and displayed in blue italics (style=InfoBlue) is included to provide guidance to the author and should be deleted before publishing the document. A paragraph entered following this style will automatically be set to normal (style=Body Text).]

[To customize automatic fields (which display a gray background when selected), select File>Properties and replace the Title, Subject and Company fields with the appropriate information for this document. After closing the dialog, automatic fields may be updated throughout the document by selecting Edit>Select All (or Ctrl-A) and pressing F9, or simply click on the field and press F9. This must be done separately for Headers and Footers. Alt-F9 will toggle between displaying the field names and the field contents. See Word help for more information on working with fields.]

[Note: Documents described in this section are based on the IEEE 829 standard on testing documentation. Note that we omitted certain sections and documents (e.g., the Test Item Transmittal Report) for the sake of simplicity. Refer to the standard for a complete description of these documents [IEEE Std. 829-2008].]

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <01/12/13> | <1.0> | Entered all required info | Zach Hoggard |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Test case specification identifier 4

2. Test items 4

3. Input specifications 4

4. Output specifications 4

5. Environmental needs 4

6. Special procedural requirements 4

7. Intercase dependencies 5

# Test case specification identifier

[The Test Case Specification identifier is the name of the test case, used to distinguish it from other test cases. Conventions such as naming the test cases from the features or the component being tested allow developers to more easily refer to test cases.]

This test case shall be referred to as Scan Equipment, indicating that it covers the functionality of the Scan Equipment use case.

# Test items

[This section lists the components under test and the features being exercised.]

* Scan equipment while not on right page in app.
* Scan equipment with invalid barcode
* Scan equipment with correct barcode

# Input specifications

[This section lists the inputs required for the test cases.]

1. Attempt to scan equipment with when not on correct page in app.
2. Attempt to scan equipment not contained within Winmate device.
3. Attempt to scan equipment with correct barcode.

# Output specifications

[This section lists the expected output. This output is computed manually or with a competing system (such as a legacy system being replaced).]

1.1 Nothing should happen.

2.1 Prompt is displayed indicating that barcode is incorrect.

3.1 Correct equipment list is expanded where the user can enter test results pertaining to the scanned equipment.

# Environmental needs

[This section lists the hardware and software platform needed to execute the test, including any test drivers or stubs.]

The device must have a file called Inspection\_Data.xml in the external storage which will contain all equipment data.

# Special procedural requirements

[This section lists any constraints needed to execute the test such as timing, load, or operator intervention.]

N/A

# Intercase dependencies

[This section lists the dependencies with other test cases.]

N/A