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).]

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[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

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <01/12/13> | <1.0> | Entered all required info | Zach Hoggard |
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# 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 Get Code Manually, indicating that it covers the functionality of the Get Code Manually use case.

# Test items

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

* No code entered.
* Wrong code/nonexistent code entered (test prompt to user).
* Code entered does not contain letters.
* Correct code entered (test expanding list process).

# Input specifications

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

1. Attempt to find equipment without inputting barcode. The field is left blank.
2. Attempt to input barcode that does not correspond to any barcode contained in Winmate device.
3. Attempt to input barcode containing just letters.
4. Attempt to input barcode that contains both letters an numbers.
5. Attempt input barcode that corresponds to an existing piece of equipment.

# 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 Prompt is displayed indicating that barcode was not entered.

2.1 Prompt is displayed indicating that equipment does not exist.

3.1 Prompt is displayed indicating that the barcode is incorrect.

4.1 Prompt is displayed indicating that the barcode is incorrect.

5.1 Barcode entry is successful; the correct equipment list is expanded and ready to test results.

# 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 external storage with 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