Inspect Equipment

Test Case Specification (TCS)

Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 12/1/2013 | 1.0 | Did everything | Nicholas Ward |
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Table of Contents

1. Test case specification identifier 4

2. Test items 4

3. Input specifications 4

4. Output specifications 4

5. Environmental needs 5

6. Special procedural requirements 5

7. Intercase dependencies 5

Test Case Specification (TCS)

# Test case specification identifier

Inspect Equipment

# Test items

The test input was designed to test these items, but also sub-components of each items. Note that stress testing is required to guarantee complete testing of each item and its sub-components.

Changing Floors

Changing Rooms

Inputting inspection values

Completing Equipment Inspections

Completing Rooms

# Input specifications

These were written to be sequential and should be performed as such. The outputs may not match if you do not perform the entire input atomically.

1. Launch the activity
2. Change Floors with the floor spinner
3. Change Rooms with the room spinner
4. Open a piece of equipment
5. Select a Pass or Yes Radio Button
6. Select a Fail or No Radio Button
7. Fill out everything else in the piece of equipment with random inputs.
8. Fill out every other piece of equipment
9. Change Rooms with the room spinner
10. Fill out all equipment
11. Click Save Button
12. Change Rooms with the room spinner

# Output specifications

These outputs should be matched to the corresponding input in section 3: Input Specifications.

1. Activity Launched
   1. Populates Floor spinner
   2. Populates Room spinner
   3. Populates ExpandableList
2. Floor spinner changed
   1. Pop up saying you haven’t finished the floor. (assume you click to continue anyways)
   2. Populates Room Spinner
   3. Populates ExpandableList
3. Room spinner changed
   1. Pop up saying you haven’t finished the floor. (assume you click to continue anyways)
   2. Populates ExpandableList
4. Expanded piece of Equipment form List
   1. Populates child inspection elements
5. Selected Pass or Yes Radio Button
   1. Inspection Element name turns green
   2. Inspection Element name has asterisk next to it
   3. Equipment name has asterisk next to it
6. Select a Fail or No Radio Button
   1. Pop up asking for reason for fail (assume you enter some text then click ok)
   2. Inspection Element name turns green
   3. Inspection Element name has asterisk next to it
   4. Equipment name has asterisk next to it
7. Fill out rest of equipment
   1. Equipment name turns green and have asterisk
8. Fill out all equipment
   1. All Equipment names are green and have asterisk
9. Room spinner changed
   1. Pop up saying you haven’t saved yet (assume you click yes to save)
10. Fill out all equipment
    1. All Equipment names are green and have asterisk
11. Click Save Button
    1. Pop up asking to confirm saving (assume you click yes)
       1. All Equipment asterisk disappear
12. Room Spinner Changed
    1. Populates ExpandableList

# Environmental needs

A dummy xml file in the folder FireAlertScanner on the SD card of the device. The dummy xml file should have no inspections made on it in any room.

# Special procedural requirements

N/A

# Intercase dependencies

This test case depends on the following test cases:

Test – XML File Does not Exist

Test – Record Results