Acceptance testing

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| Requirement | Test Case | Description | Objective |
| Selecting a sensor type | 1.1 | Selecting a sensor type on the report displays only the sensors with that type. | Verify that only the correct sensors are displayed on the report table |
| Sensor reading above threshold | 2.1 |  |  |
| Sensor reading below threshold | 2.2 |  |  |
| Sensor collects data on interval | 3.1 |  |  |
| FieldStation uploads data to server when on | 4.1 |  |  |
| FieldStation saves to buffer when server is off | 4.2 |  |  |
| Buffer is uploaded when server is on | 4.3 |  |  |

**Test Case ID:** 1.1 (Selecting a sensor type)

**Testing Conditions:** There are several different sensors each with different types

**Expected Result:** Only the sensor with the correct sensor type will be displayed

**Evaluation Strategy:** Check the displayed sensors only consist of that type.

**Completeness Criteria:** When this check has been done for all sensor types.

**Test Case ID:** 1.1

**Test Setup:** Have 5 sensors each with different sensor types, each with recorded data.

**Test Data:**

Test 1: Operand 1: Sensor 1 “Soil Moisture”;

Test 2: Operand 1: Sensor 2 “Light intensity”;

Test 3: Operand 1: Sensor 3 “Soil Temperature”;

Test 4: Operand 1: Sensor 4 “Air Temperature”;

Test 5: Operand 1: Sensor 5 “Soil Acidity”;

**Expected Output:**

Test 1: Only Sensor 1 is displayed

Test 2: Only Sensor 2 is displayed

Test 3: Only Sensor 3 is displayed

Test 4: Only Sensor 4 is displayed

Test 5: Only Sensor 5 is displayed