THERMOSTAT TEST CASE – APPLICATION 02

- **TEST INFO**

Test ID: TTST_02

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Test Design Date: 29/05/2021

Test Title: Thermostat controller test

Description: Test the functionality and the control rules of the thermostat.

- **BDD SCENARIO**

GIVEN that the thermostat is reading the temperature,

AND its temperature and heater state is being displayed on screen,

WHEN he hits the specified temperatures,

THEN the heaters turns on or turns off.

- **TEST CASE**

Step	Test Steps	Expected Results
1	Check if the thermostat is reading the temperature	The thermostat reading state is normal.
2	Check if the temperature and heater state is shown on screen	Both are shown and visible
3	Check if the heater is turned off when the temperature reaches 23 ºC	The heater turns off
4	Check if the heater is turned on when the temperature is less than 5 ºC	The heater turns on
5	Check if an alert is sent when the rules are not fulfilled	An alert is displayed on screen