

Test Plan Documentation - Devices

HomeDork - Interactive House Project

Members

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Revision History

Date	Version	Description	Author
19/09/2021	1.0	Initial Test Plan	A, B, C
21/10/2021	1.1	First test to check that components work in the smart house	A, B, C, D

Test Plan

Test case ID	Summary	Precondition	Steps	Results	Comment (Timeline tracked)
1	Test all lights in smart house to see if all of them are working.	Prepared code to turn on all lights and turn off	- Connect computer to Arduino uno board - upload code to Arduino - see if code works	PASS	All lights work by tuning on and off.
2	Turn on fan to see if it works.	Prepared code to turn on fan and turn off	- Connect computer to Arduino uno board - upload code to Arduino - see if code works	PASS	Fan works
3	Test that the thermometer works.	Prepared code for the thermometer.	- Connect computer to Arduino uno board - upload code to Arduino - see if code works by checking Serial monitoring to see if gets input from thermometer	PASS	Thermometer works and gives input current temperature.
4	Tested timer one to see if it was working	Prepared code to run on the timer.	- Connect computer to Arduino uno board - upload code to Arduino - see if code works	FAIL	Light for the timer turned off but when something else turned on it turned on too
5	Tested timer two to see if it was working	Prepared code to run on the timer.	- Connect computer to Arduino uno board - upload code to Arduino - see if code works	PASS	Was working
6	Tested the sound for the alarm system.	Prepared code to run on the alarm.	- Connect computer to Arduino uno board - upload code to Arduino - see if code works	PASS	Sound was working.
7	Tested Radiator to turned them on and off.	Didn't know how to test them.		Not tested	Will do that on next sprint