Sprint-3

Date	18 November 2022
Team ID	PNT2022TMID20427
Project Name	Industry-Specific Intelligent Fire Management System

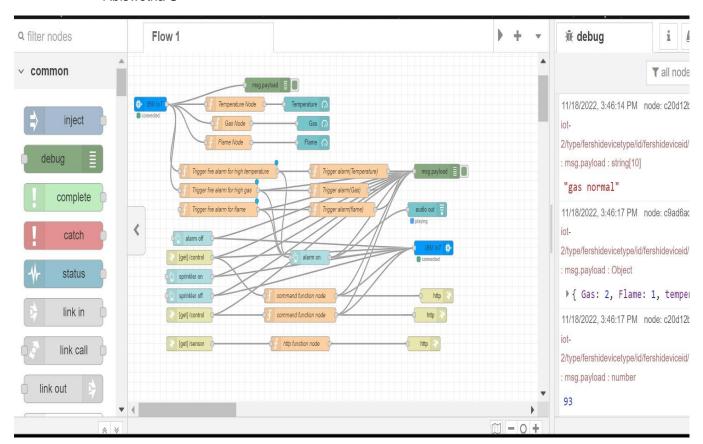
Turning the alarm ON whenever temperature, gas, flame exceeds a particular value, Turning the alarm OFF:

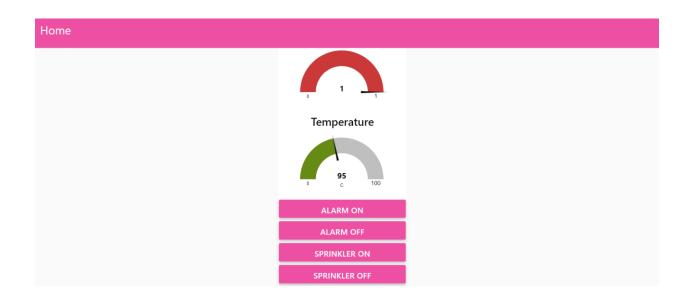
Submitted by: Ganesh Arravind B

Lokesh durai V

Naveenraj B M

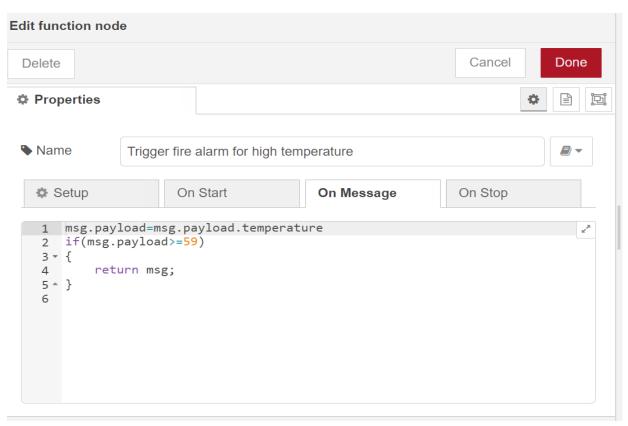
Abiswetha S

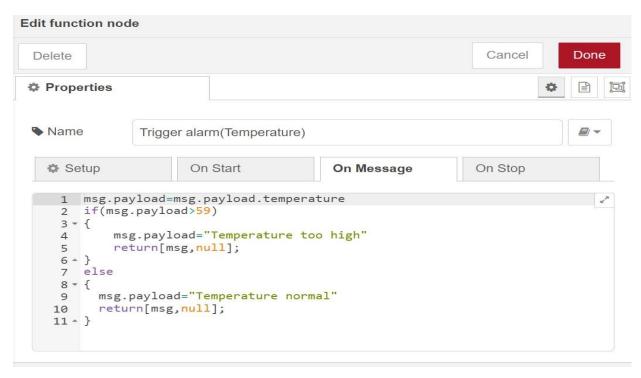


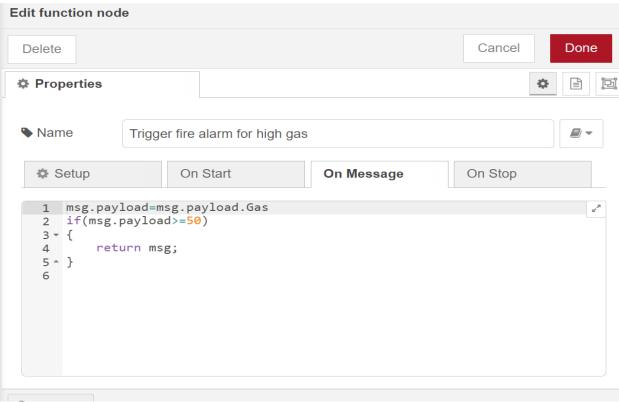


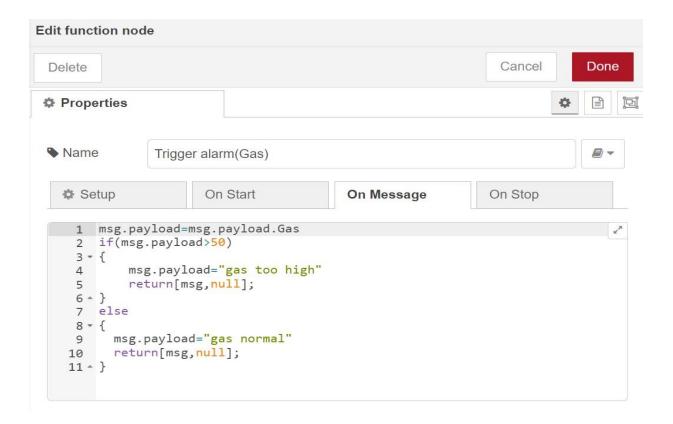
```
: msg.payload : string[18]
"Temperature normal"
11/18/2022, 6:25:43 PM node: c20d12b97cbb6b1b
msg.payload : string[8]
"alarmoff"
11/18/2022, 6:25:43 PM node: c20d12b97cbb6b1b
msg.payload : string[8]
"alarmoff"
11/18/2022, 6:25:44 PM node: c9ad6ad912607e2 -
ot-
2/type/fershidevicetype/id/fershideviceid/evt/event_1/fmt/js
: msg.payload : Object
▶ { Gas: 62, Flame: 0, temperature:
35 }
11/18/2022, 6:25:44 PM node: c20d12b97cbb6b1b
Ot-
```

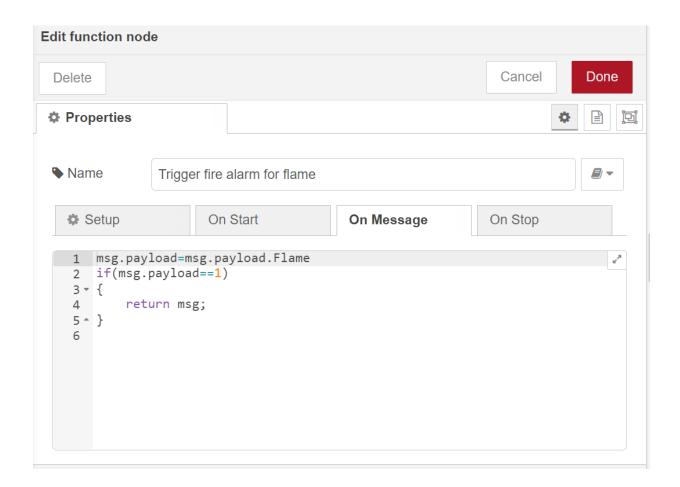
Code:

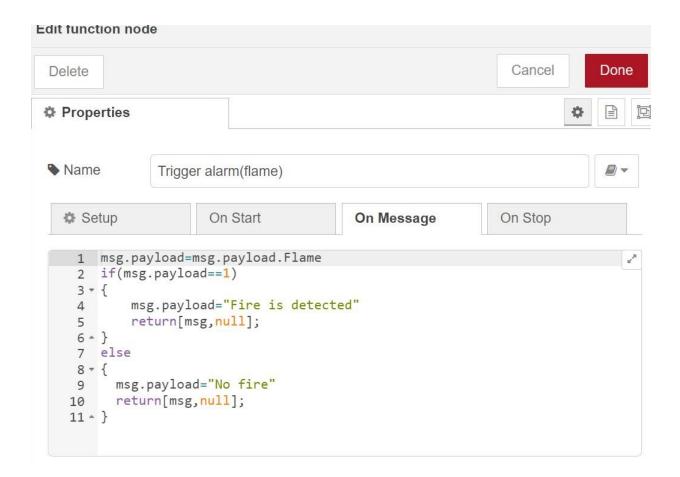




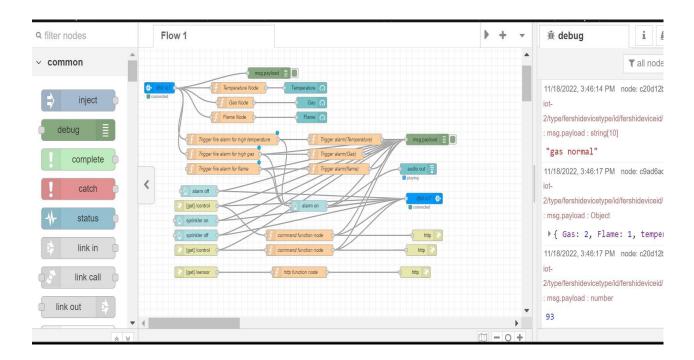


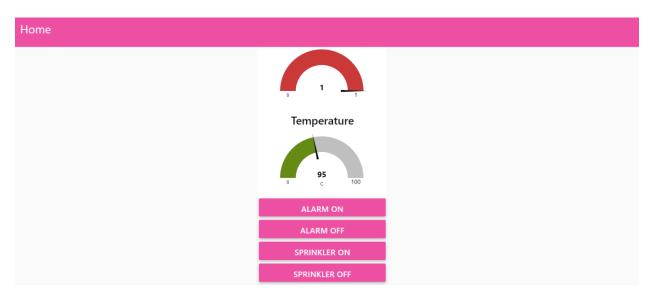






Turning the sprinkler ON whenever temperature, gas, flame exceeds a particular value, Turning the sprinkler OFF:





```
msg.payload : string[12]
"sprinkler on"
11/18/2022, 6:24:10 PM node: c9ad6ad912607e2a
iot-
2/type/fershidevicetype/id/fershideviceid/evt/event_1/fmt/
: msg.payload : Object
▶ { Gas: 10, Flame: 1, temperature:
66 }
11/18/2022, 6:24:10 PM node: c20d12b97cbb6b1 -
ot-
2/type/fershidevicetype/id/fershideviceid/evt/event_1/fmt/
: msg.payload : number
66
11/18/2022, 6:24:10 PM node: c20d12b97cbb6b1b
iot-
2/type/fershidevicetype/id/fershideviceid/evt/event_1/fmt/
msd pavload · strind[7]
11/18/2022, 6:24:53 PM node: c20d12b97cbb6b1b
2/type/fershidevicetype/id/fershideviceid/evt/event 1/fmt/j
: msg.payload : string[10]
"gas normal"
11/18/2022, 6:24:53 PM node: c20d12b97cbb6b1b
msg.payload : string[13]
"sprinkler off"
11/18/2022, 6:24:53 PM node: c20d12b97cbb6b1b
msg.payload : string[13]
"sprinkler off"
11/18/2022, 6:24:53 PM node: c9ad6ad912607e2 -
iot-
2/type/fershidevicetype/id/fershideviceid/evt/event_1/fmt/j
: msg.payload : Object
▶ { Gas: 29, Flame: 0, temperatur >_ 15
47 }
```