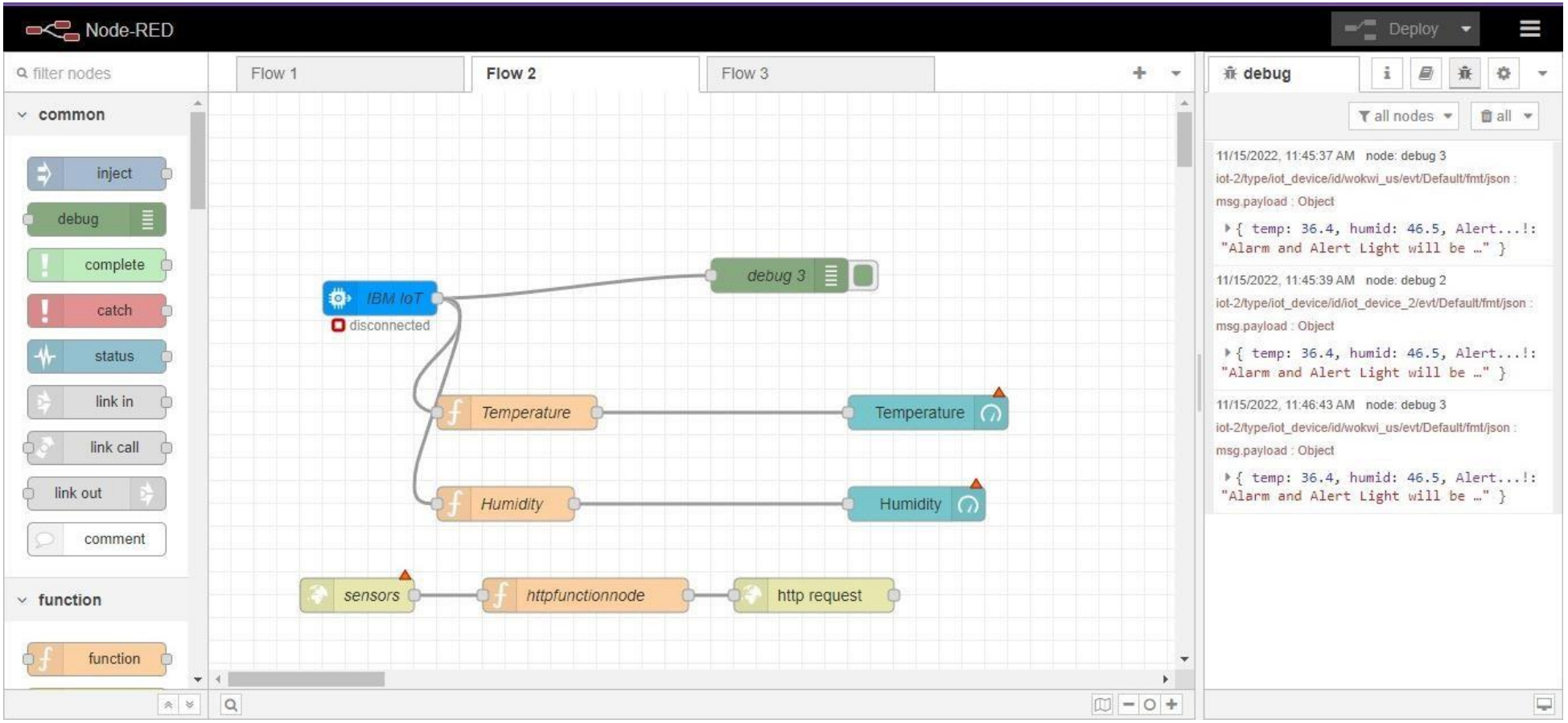
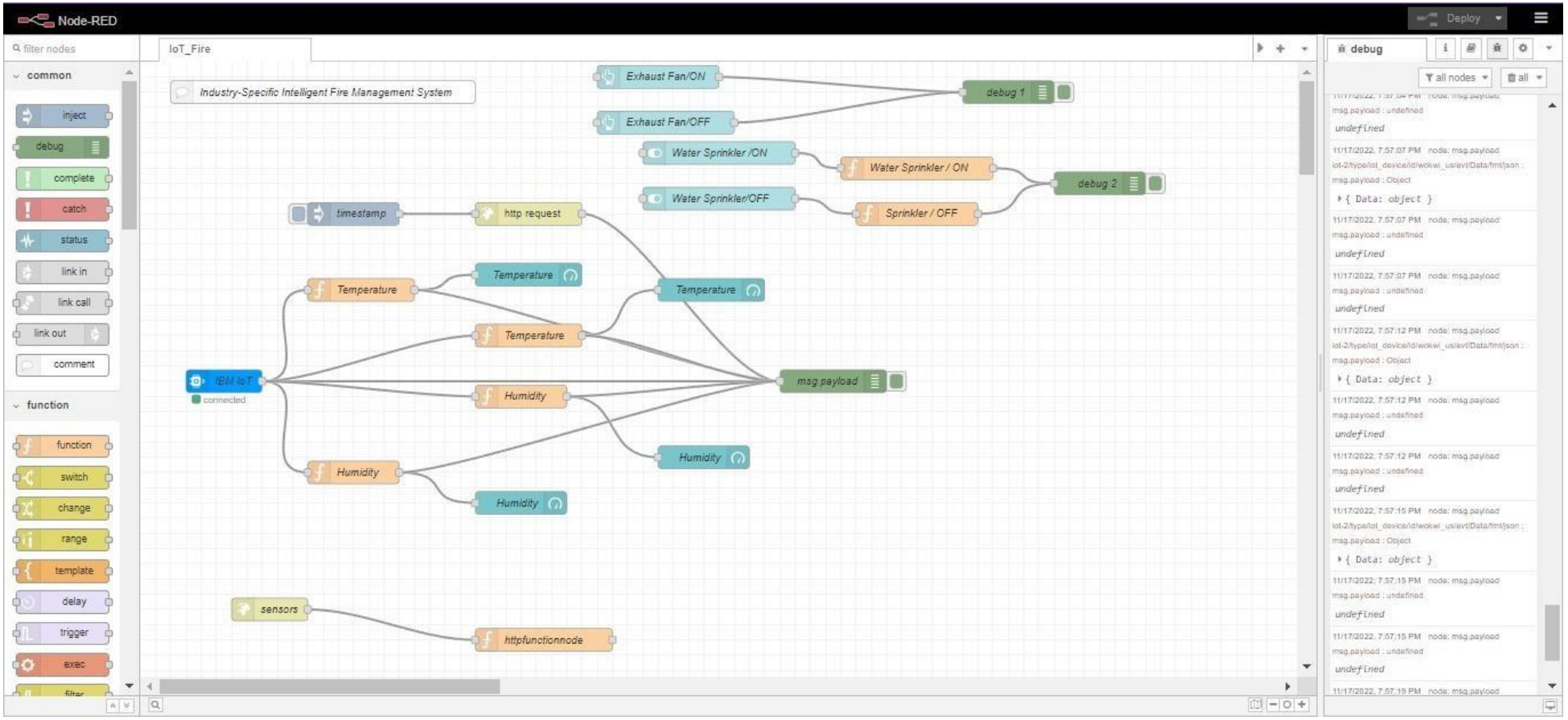
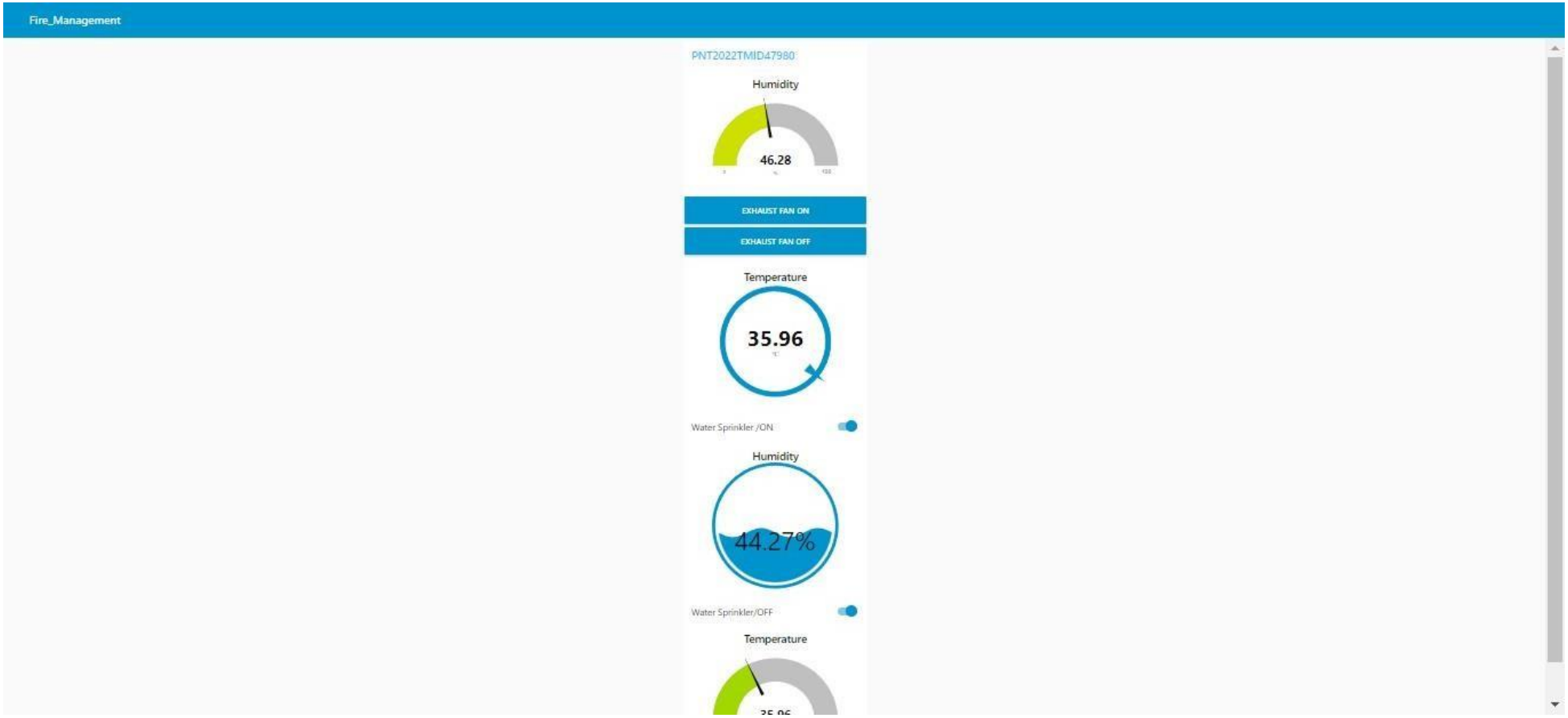
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

USE DASHBOARD NODES FOR CREATING UI (WEB APP)

Date	**06 November 2022**
Team ID	**PNT2022TMID24775**
Project Name	**Industry-Specific Intelligent Fire Management System**
Maximum Marks	**8 Marks**


Node-RED
Deploy
filter nodes
Flow 1
Flow 2
Flow 3
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
IBM IoT
disconnected
debug 3
Temperature
Temperature
Humidity
Humidity
sensors
httpfunctionnode
http request
all nodes
all
11/15/2022, 11:45:37 AM node: debug 3
iot-2/type/iot_device/id/wokwi_us/evt/Default/fmt/json : msg.payload : Object
{ temp: 36.4, humid: 46.5, Alert...!: "Alarm and Alert Light will be …" }
11/15/2022, 11:45:39 AM node: debug 2
iot-2/type/iot_device/id/iot_device_2/evt/Default/fmt/json : msg.payload : Object
{ temp: 36.4, humid: 46.5, Alert...!: "Alarm and Alert Light will be …" }
11/15/2022, 11:46:43 AM node: debug 3
iot-2/type/iot_device/id/wokwi_us/evt/Default/fmt/json : msg.payload : Object
{ temp: 36.4, humid: 46.5, Alert...!: "Alarm and Alert Light will be …" }


Node-RED
Deploy
filter nodes
IoT_Fire
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
trigger
exec
Industry-Specific Intelligent Fire Management System
Exhaust Fan/ON
Exhaust Fan/OFF
debug 1
Water Sprinkler /ON
Water Sprinkler / ON
debug 2
Water Sprinkler/OFF
Sprinkler / OFF
timestamp
http request
Temperature
Temperature
Temperature
Temperature
IBM IoT
connected
msg.payload
Humidity
Humidity
Humidity
Humidity
sensors
httpfunctionnode
debug
all nodes
all
msg.payload : undefined
undefined
{ Data: object }


Fire_Management
PNT2022TMID47980
Humidity
46.28
EXHAUST FAN ON
EXHAUST FAN OFF
Temperature
35.96
Water Sprinkler /ON
Humidity
44.27%
Water Sprinkler/OFF
Temperature