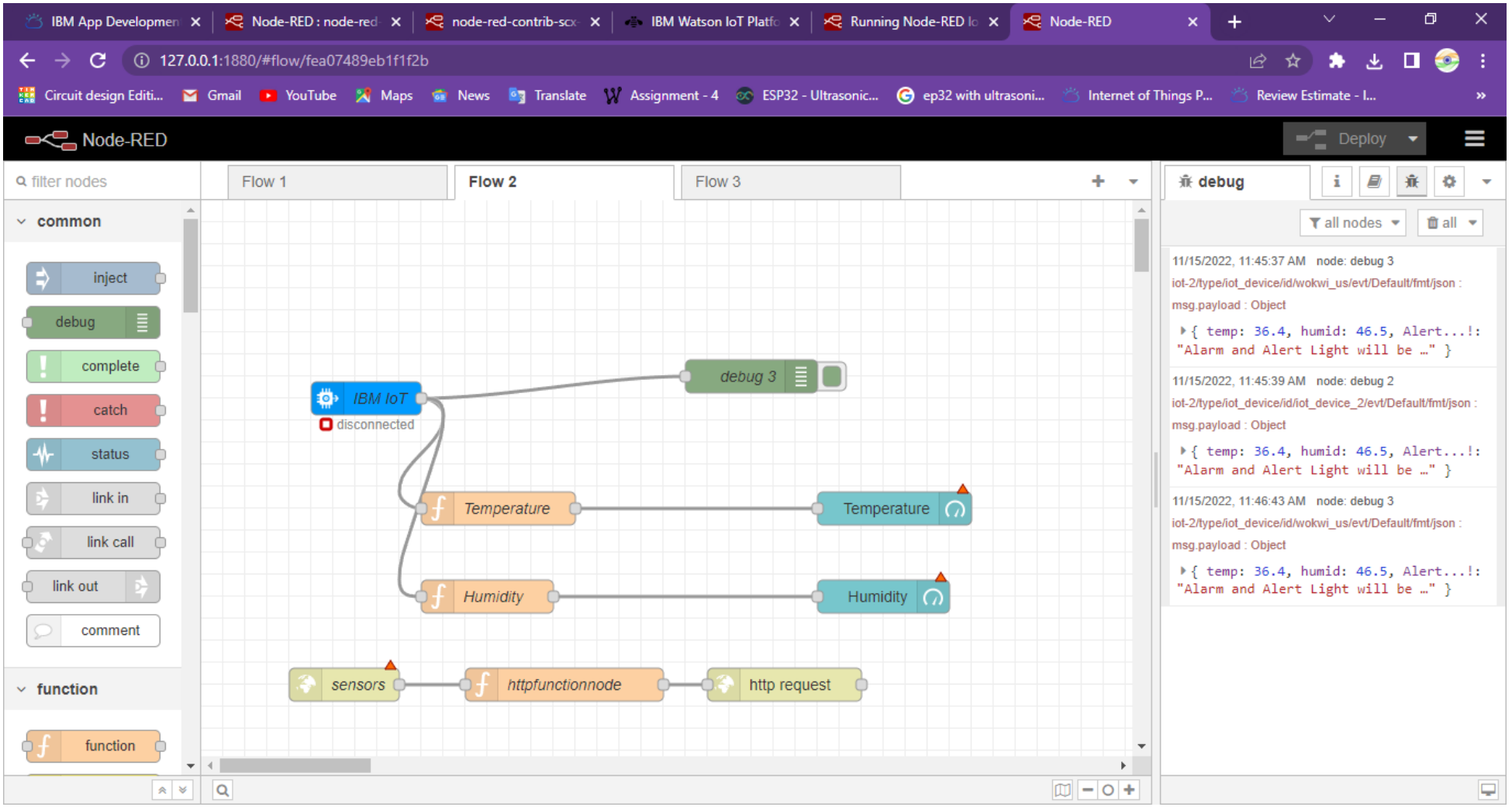
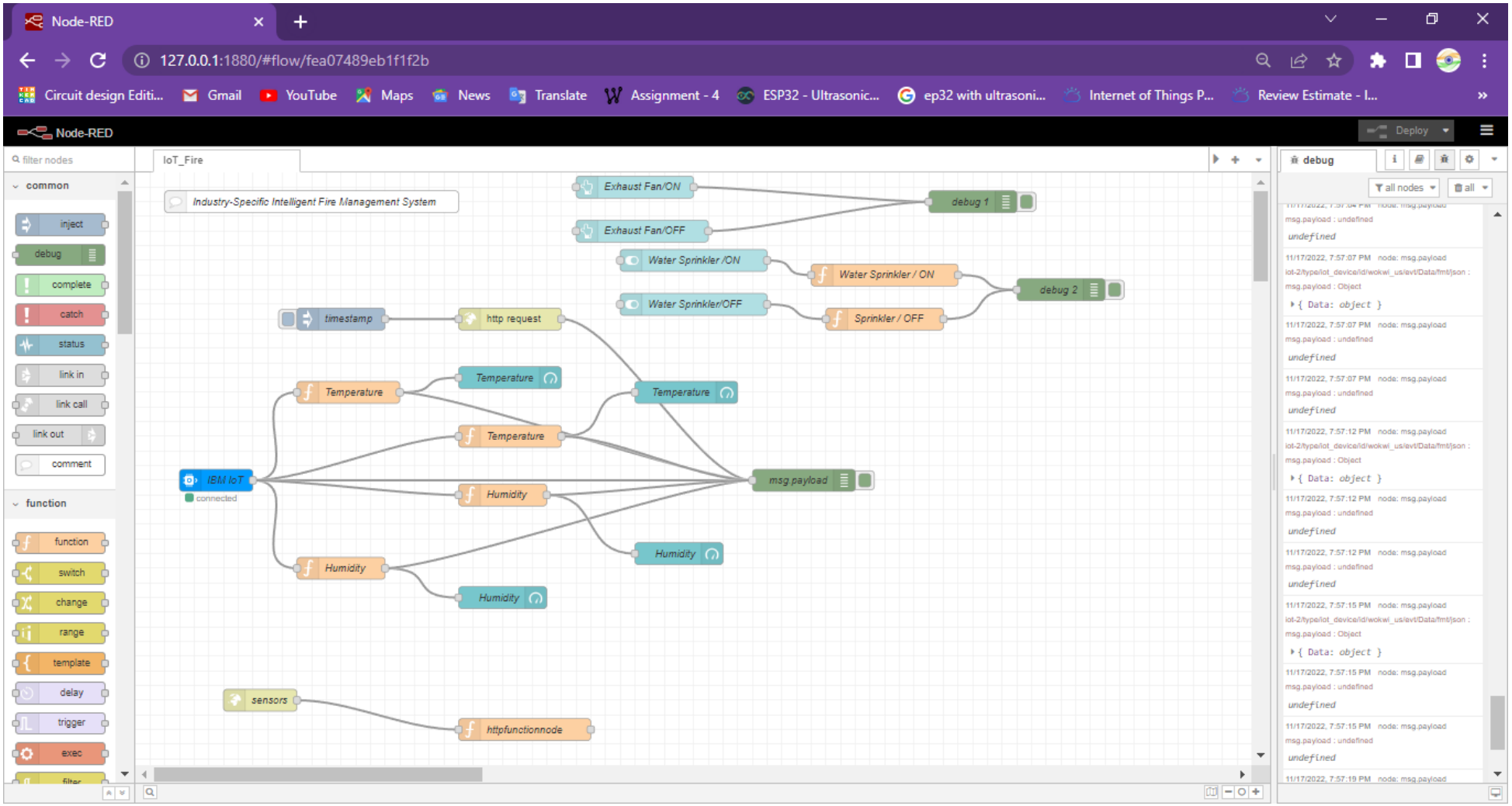
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

USE DASHBOARD NODES FOR CREATING UI (WEB APP)

Date	**06 November 2022**
Team ID	**PNT2022TMID47980**
Project Name	**Industry-Specific Intelligent Fire Management System**
Maximum Marks	**8 Marks**


IBM App Developmen
Node-RED : node-red
node-red-contrib-scx
IBM Watson IoT Platfo
Running Node-RED lo
Node-RED
127.0.0.1:1880/#flow/fea07489eb1f1f2b
Circuit design Editi...
Gmail
YouTube
Maps
News
Translate
Assignment - 4
ESP32 - Ultrasonic...
ep32 with ultrasoni...
Internet of Things P...
Review Estimate - I...
Node-RED
Deploy
filter nodes
Flow 1
Flow 2
Flow 3
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
debug
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
127.0.0.1:1880/#flow/fea07489eb1f1f2b
Circuit design Editi...
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ESP32 - Ultrasonic...
ep32 with ultrasoni...
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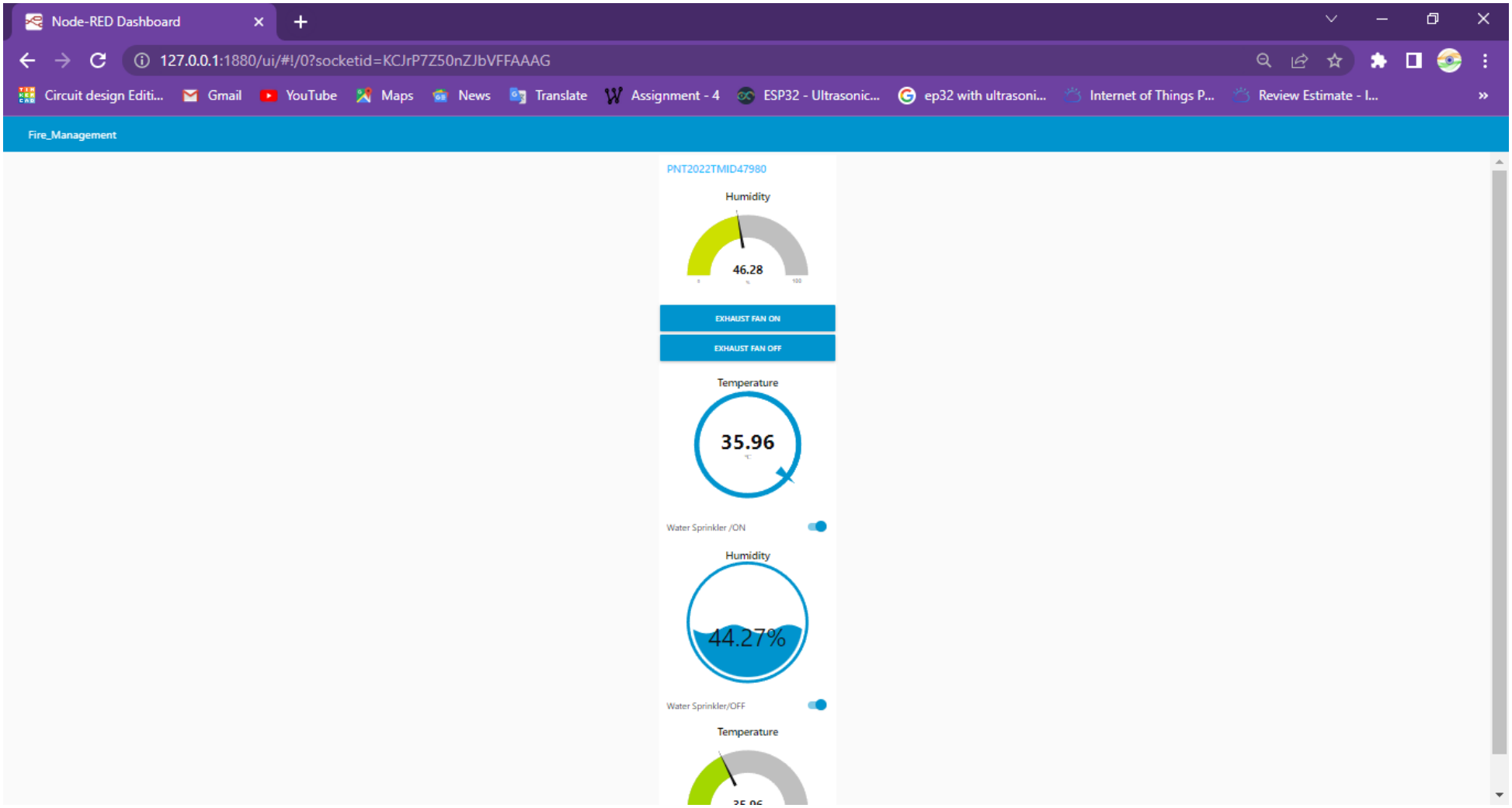
Review Estimate - I...
Node-RED
Deploy
filter nodes
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
trigger
exec
IoT_Fire
Industry-Specific Intelligent Fire Management System
Exhaust Fan/ON
Exhaust Fan/OFF
debug 1
Water Sprinkler /ON
Water Sprinkler / ON
Water Sprinkler/OFF
Sprinkler / OFF
debug 2
timestamp
http request
Temperature
Temperature
Temperature
Temperature
IBM IoT
connected
msg.payload
Humidity
Humidity
Humidity
Humidity
sensors
httpfunctionnode
debug
all nodes
all
undefined
{ Data: object }


Node-RED Dashboard
127.0.0.1:1880/ui/#!/0?socketid=KCJrP7Z50nZJbVFFAAAG
Circuit design Editi...
Gmail
YouTube
Maps
News
Translate
Assignment - 4
ESP32 - Ultrasonic...
ep32 with ultrasoni...
Internet of Things P...
Review Estimate - I...
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