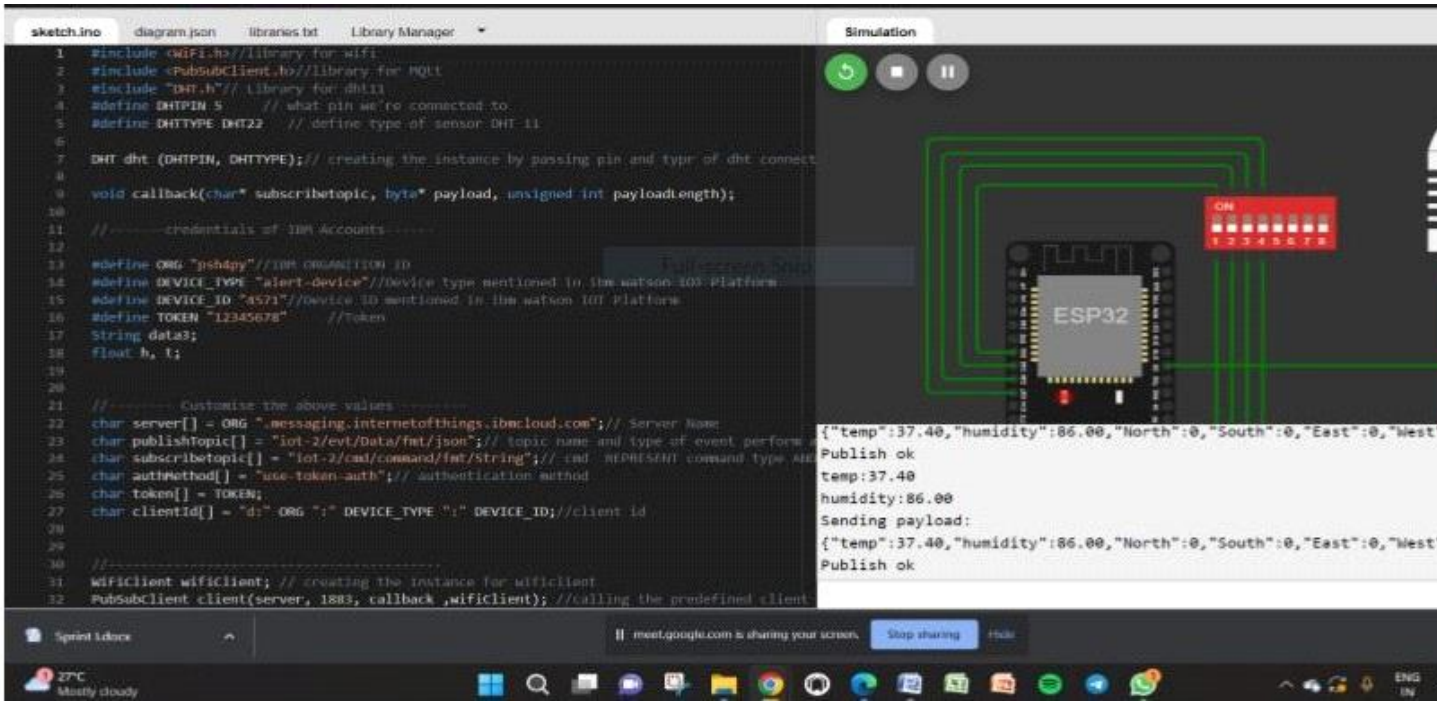
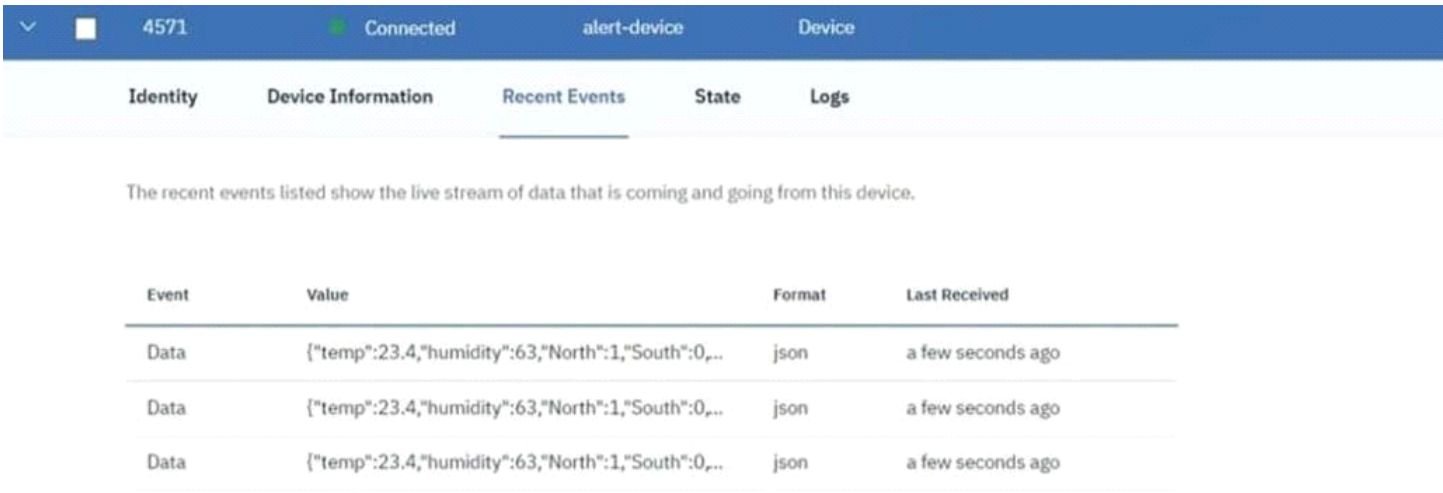
sprint 1

Date	7november2022
TeamID	PNT2022TMID41853
ProjectName	Signs with Smart Connectivity for Better Road Safety

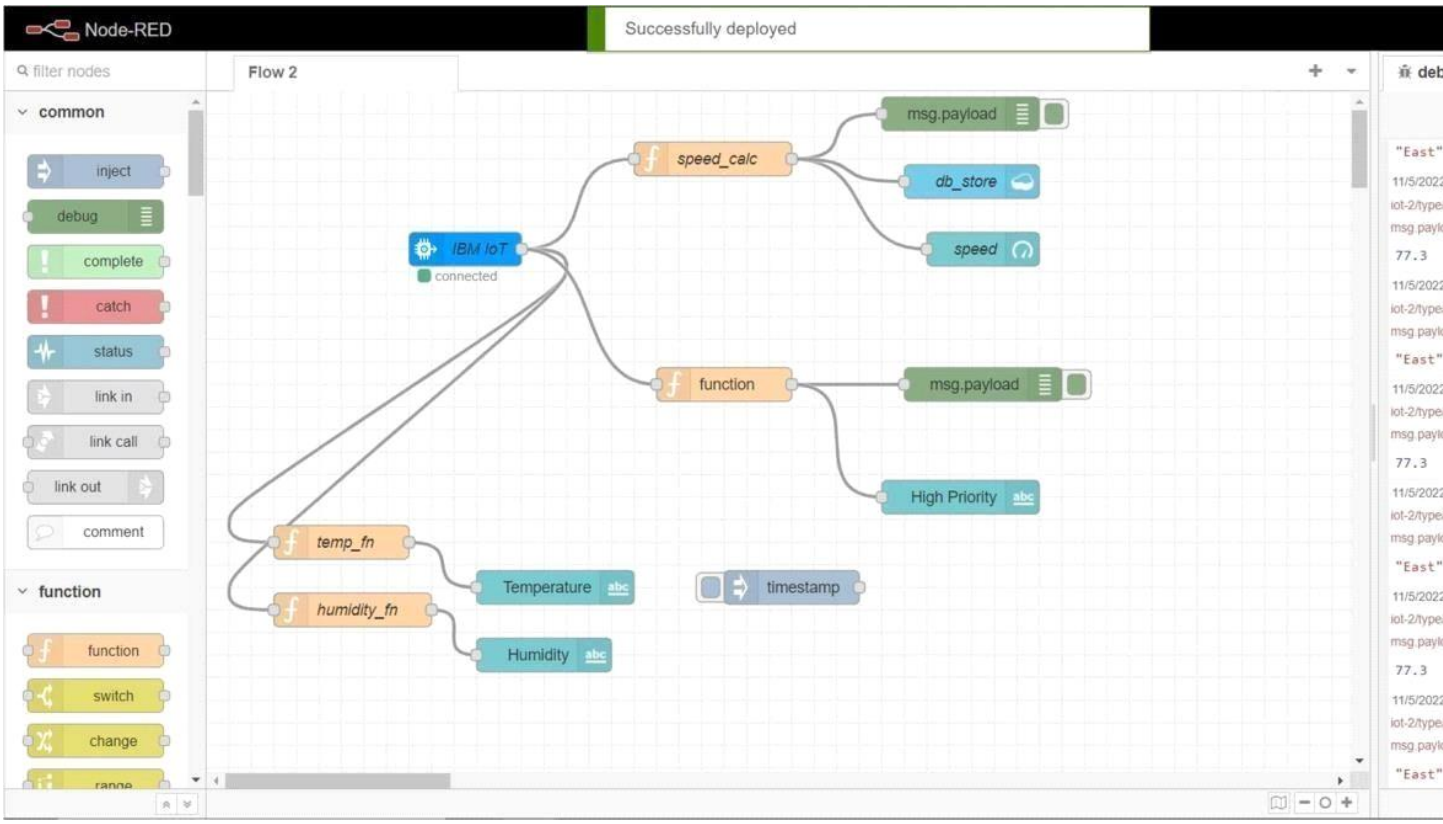
WokwiSimulation:[Adhifinal_iot.ino-WokwiArduino andESP32Simulator]



IoTDevice–IoTPlatform

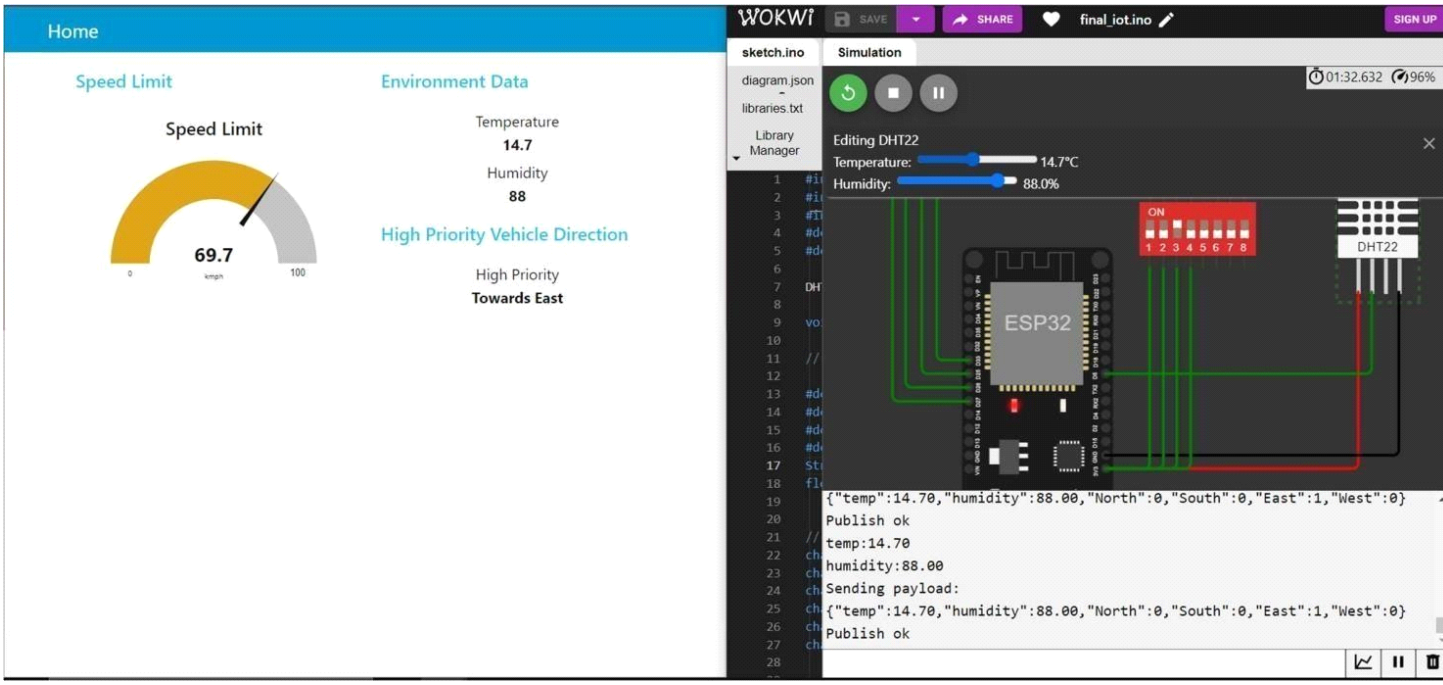


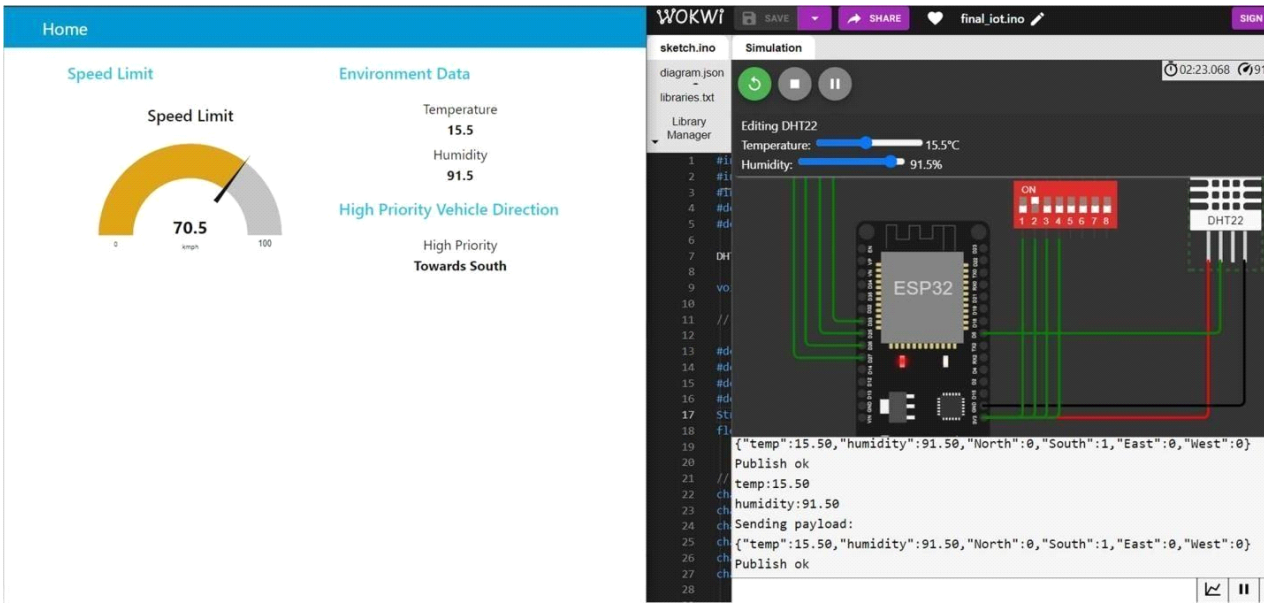
NodeRed



NodeRed WebUI


Home
Speed Limit
Speed Limit
80
0
kmph
100
Environment Data
Temperature
23.4
Humidity
63
High Priority Vehicle Direction
High Priority
Towards North


Home
Speed Limit
Speed Limit
69.7
0
kmph
100
Environment Data
Temperature
14.7
Humidity
88
High Priority Vehicle Direction
High Priority
Towards East
WOKWi
SAVE
SHARE
final_iot.ino
SIGN UP
sketch.ino
Simulation
diagram.json
libraries.txt
Library Manager
01:32.632
96%
Editing DHT22
Temperature:
14.7°C
Humidity:
88.0%
ON
1 2 3 4 5 6 7 8
DHT22
ESP32
{"temp":14.70,"humidity":88.00,"North":0,"South":0,"East":1,"West":0}
Publish ok
temp:14.70
humidity:88.00
Sending payload:
{"temp":14.70,"humidity":88.00,"North":0,"South":0,"East":1,"West":0}
Publish ok


Home
Speed Limit
Speed Limit
70.5
kmph
0
100
Environment Data
Temperature
15.5
Humidity
91.5
High Priority Vehicle Direction
High Priority
Towards South
WOKWI
SAVE
SHARE
final_iot.ino
sketch.ino
diagram.json
libraries.txt
Library Manager
Simulation
02:23.068
Editing DHT22
Temperature: 15.5°C
Humidity: 91.5%
ON
1 2 3 4 5 6 7 8
DHT22
ESP32
{"temp":15.50,"humidity":91.50,"North":0,"South":1,"East":0,"West":0}
Publish ok
temp:15.50
humidity:91.50
Sending payload:
{"temp":15.50,"humidity":91.50,"North":0,"South":1,"East":0,"West":0}
Publish ok