Project Development PhaseSprint I

Date	13 November 2022
Team ID	PNT2022TMID14352
Project Name	Signs with Smart Connectivity for better road safety

SPRINT TARGETS:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dynamic Speed Limit	USN-1	As a traveller , It is Essential form to know the speed limit	10	High	Pavithra Rohini Naresh Mallisri
Sprint-1	Priority Vehicle	USN-2	Simulating the circuits and experimenting	2	High	Pavithra Rohini Naresh Mallisri
Sprint-1	Weather Speed Limit	USN-3	As a user ,I should be aware of weather influence on speed limit for safer ride		Medium	Pavithra Rohini Naresh Mallisri

Wokwi Simulation:

IoT Device – IoT Platform

⌄ ☐ 4571	● Connected	alert-device	Device	

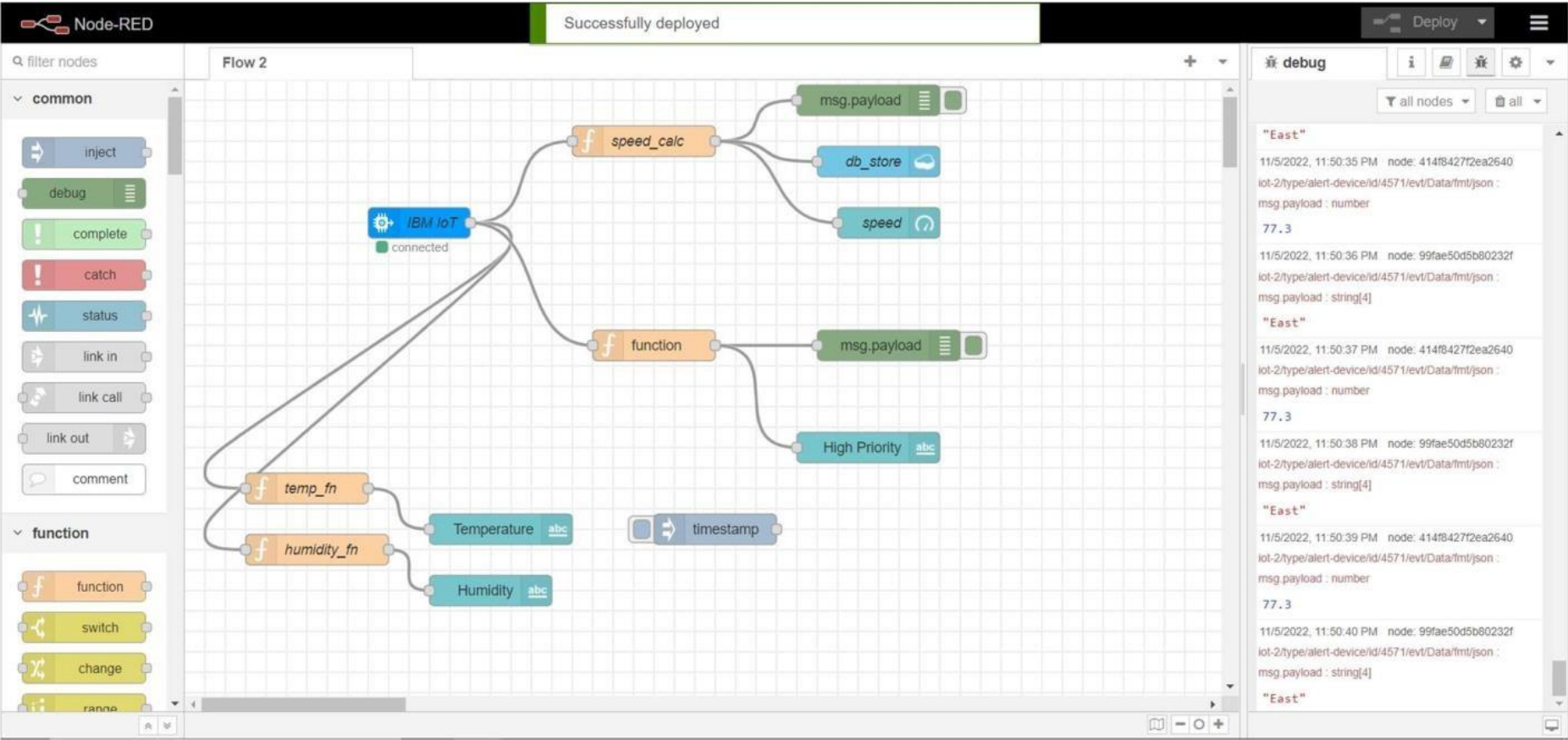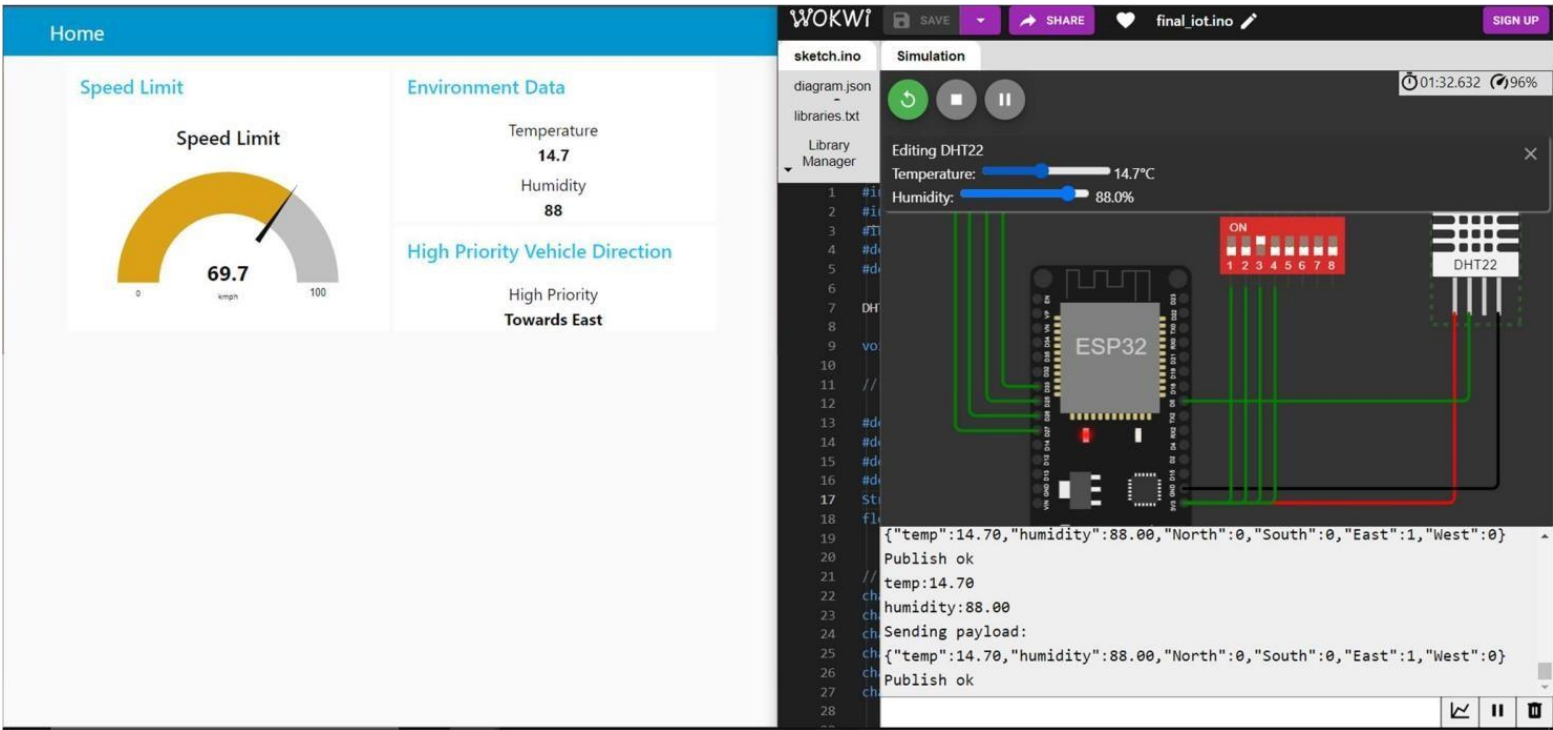| Identity	Device Information	Recent Events	State	Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Data	{"temp":23.4,"humidity":63,"North":1,"South":0,...	json	a few seconds ago
Data	{"temp":23.4,"humidity":63,"North":1,"South":0,...	json	a few seconds ago
Data	{"temp":23.4,"humidity":63,"North":1,"South":0,...	json	a few seconds ago

Node Red

Node Red Web UI

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

---

sketch.ino

Simulation

diagram.json
-
libraries.txt

Library
Manager

⟳ ■ ❚❚

⏱ 02:23.068 ⏲ 91%

Editing DHT22   ✕

Temperature: ▬▬▬▬●▬▬▬▬ 15.5°C

Humidity: ▬▬▬▬▬▬▬●▬ 91.5%

```
1   #i
2   #i
3   #I
4   #d
5   #d
6
7   DH
8
9   vo
10
11  //
12
13  #d
14  #d
15  #d
16  #d
17  St
18  fl
19
20
21  //
22  ch
23  ch
24  ch
25  ch
26  ch
27  ch
28
```

{"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

📈 ❚❚ 🗑

Cloudant Database