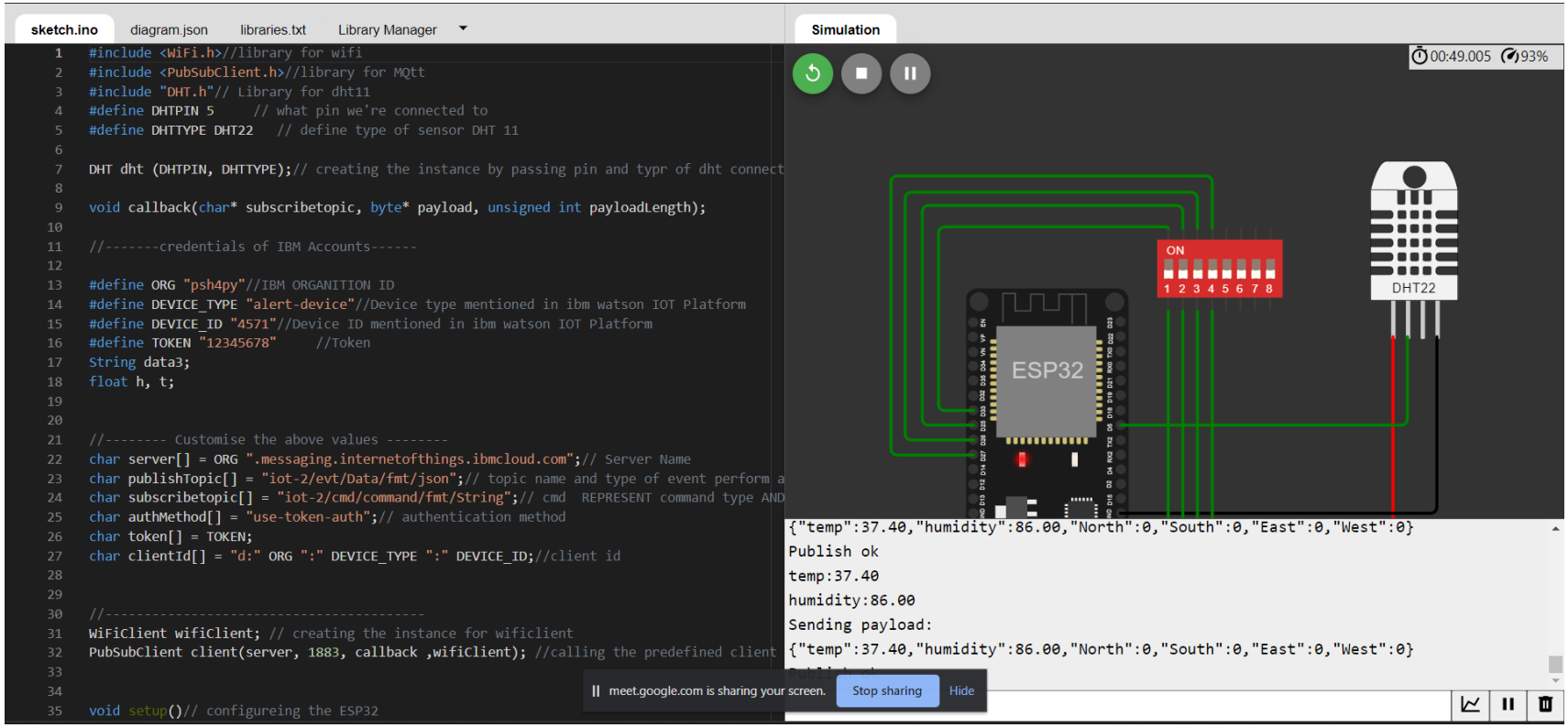
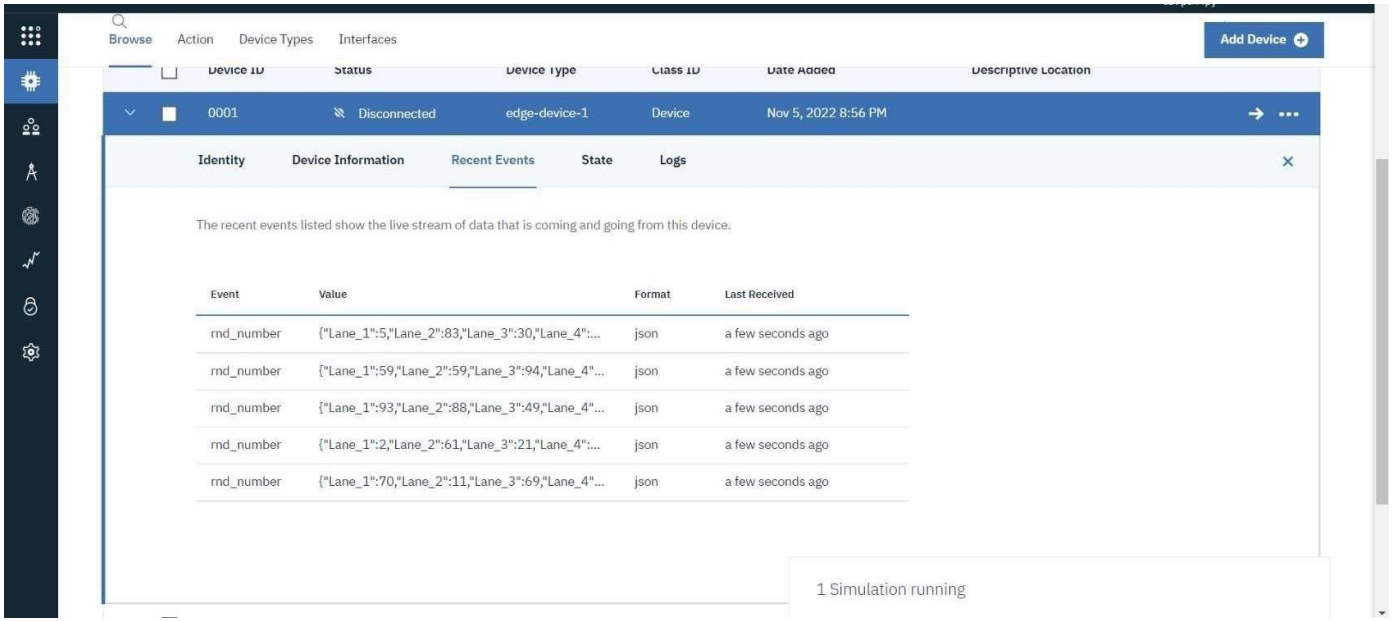
Project Development Phase
Sprint-3: MIT App Design and Testing

Date	16/11/2022
Team ID	PNT2022TMID29476
Project Name	Project – Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

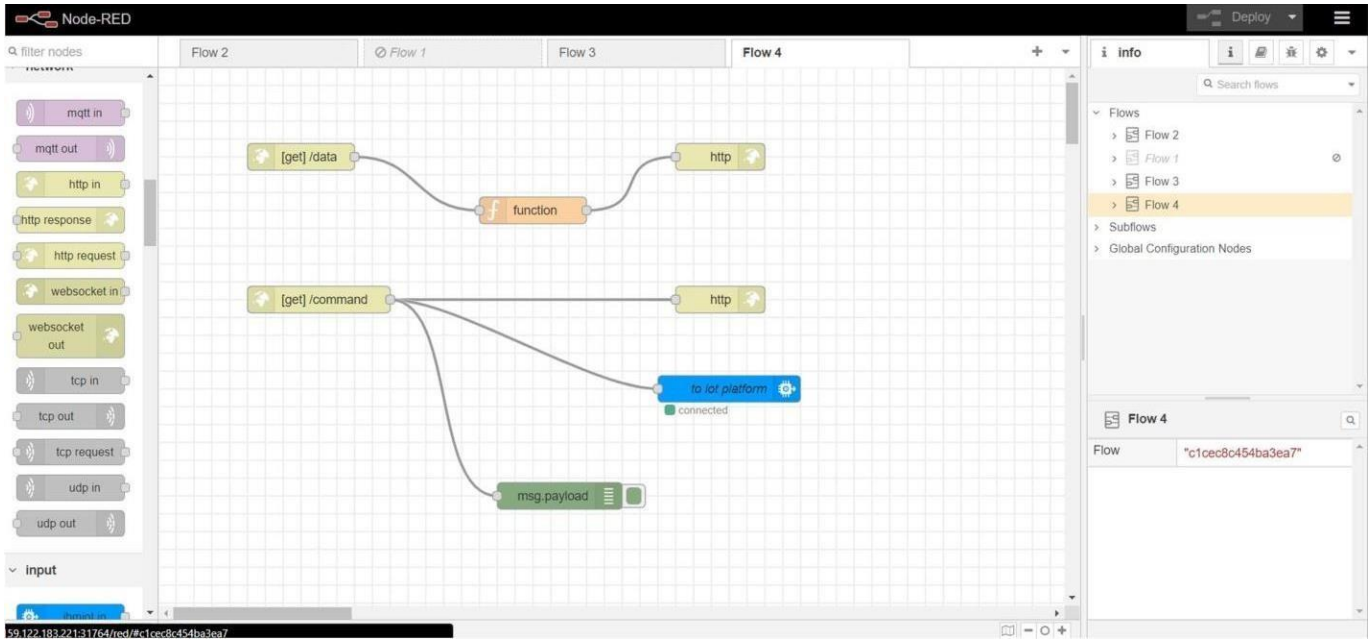
Wokwi Simulation:



IoT Device – IoT Platform



Node Red – Connect with MIT AppInventor



Edit function node

Delete Cancel

O Properties

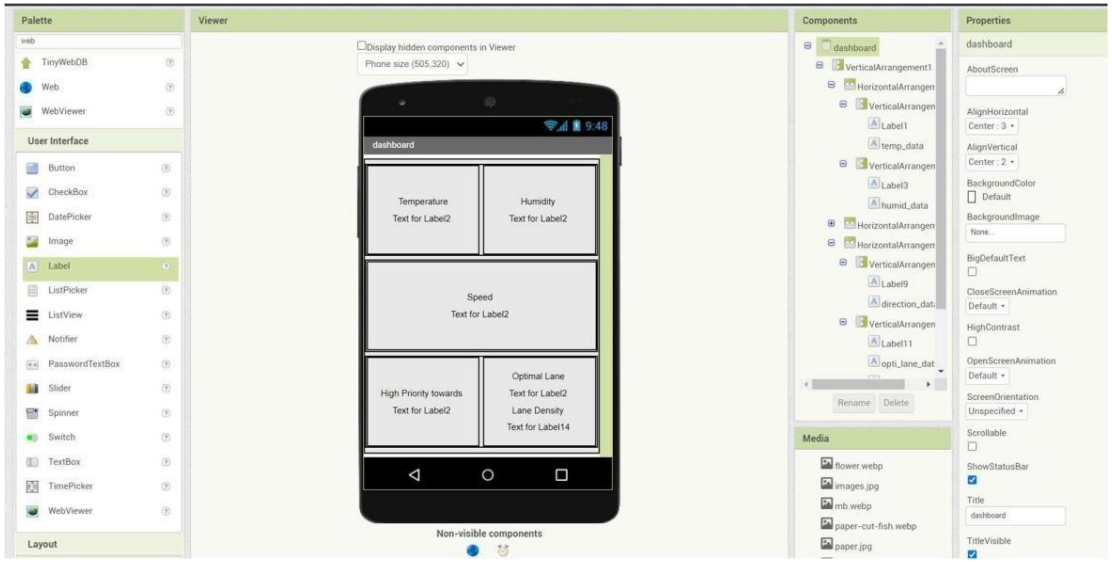
'g• Name Name

O Setup On Start On Message On Stop

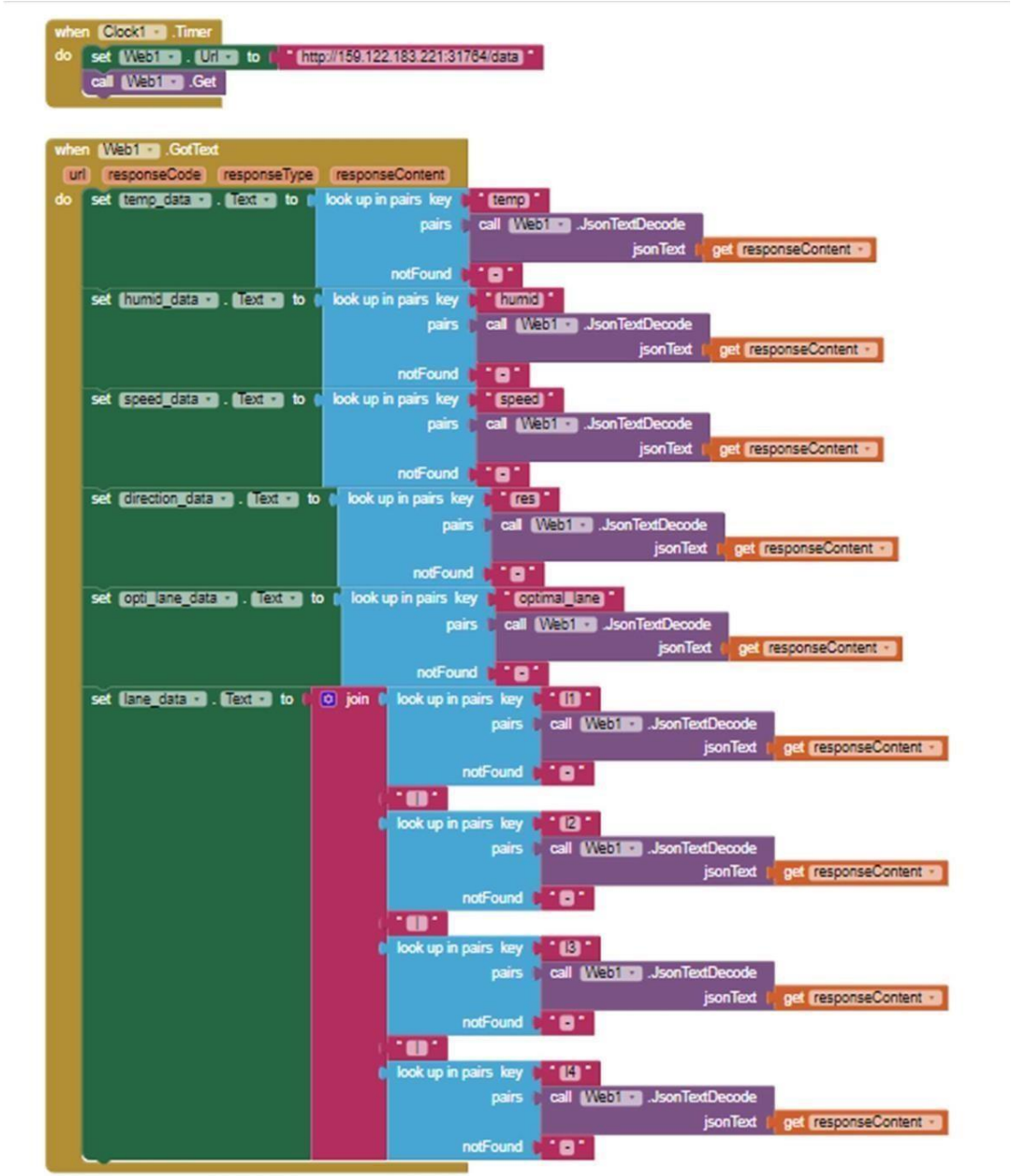
```
• msg. payload = {
2       "temp" :globa1. get("temp"),
3       "humid":global.get(”humid"),
p    "speed”:global.get(”speed"),
s       "n" :global. get (”n”),
6       "s" :g1obal. get (”s"),
7       "e” :global. get ("e" ),
8       "w" :global. get ("w"),
g       ”res” :global. get (” res”),
16      ”11” :globa1. get (”l1 ”),
tt      ”12 ” : global. get( ”12 ” )
12      "13" :globa1. get ("13"),
13      "14" :glOba1. get ("14"),
t4      "optimal I ane" :global. get ("opt inal Jane" )
15
16’ };
17
ig  return msg;
```

Output from Node red:

MIT App Inventor UI design:



MIT App Inventor Backend design:



Sprint 3 delivery:

(OUTPUT) Display from MIT App: