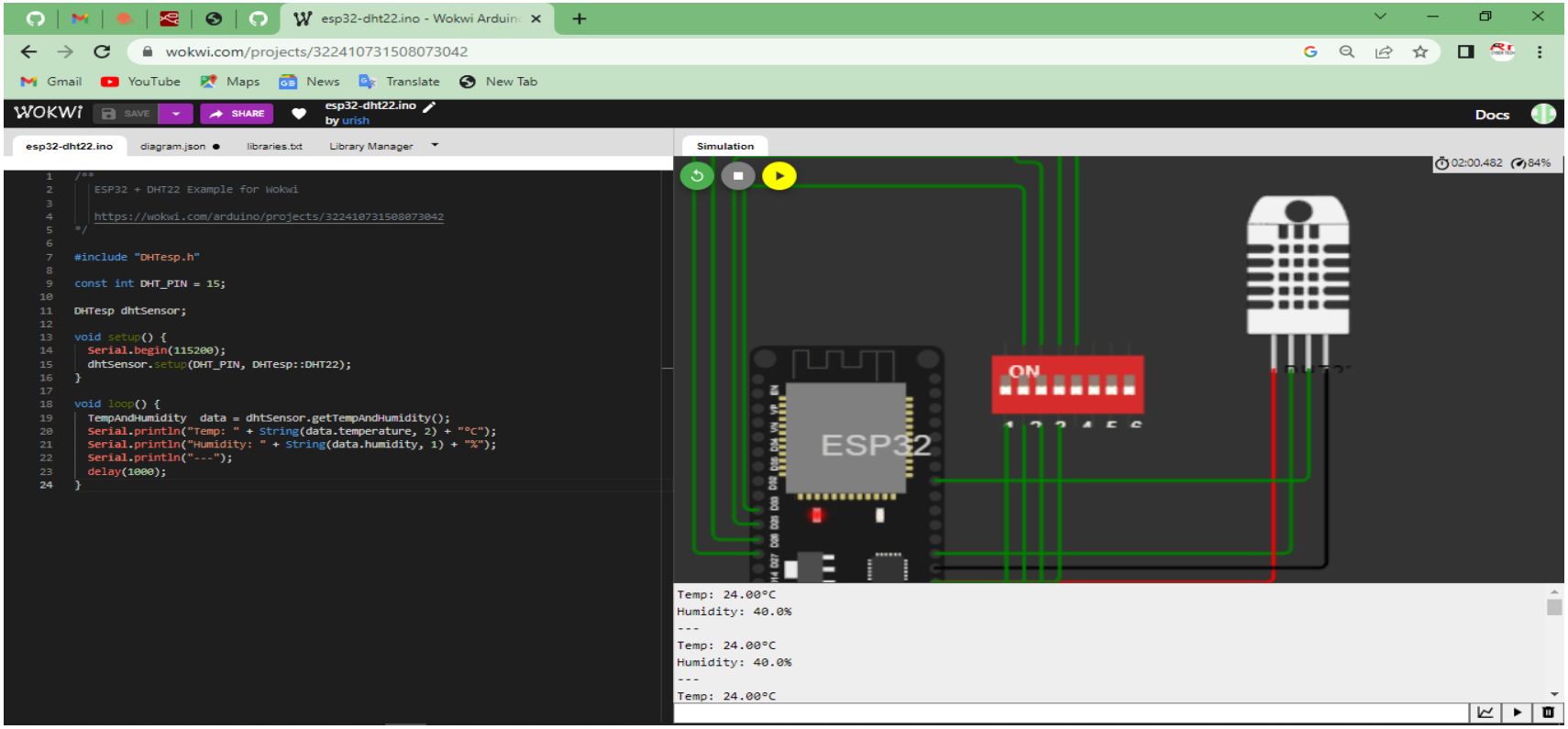
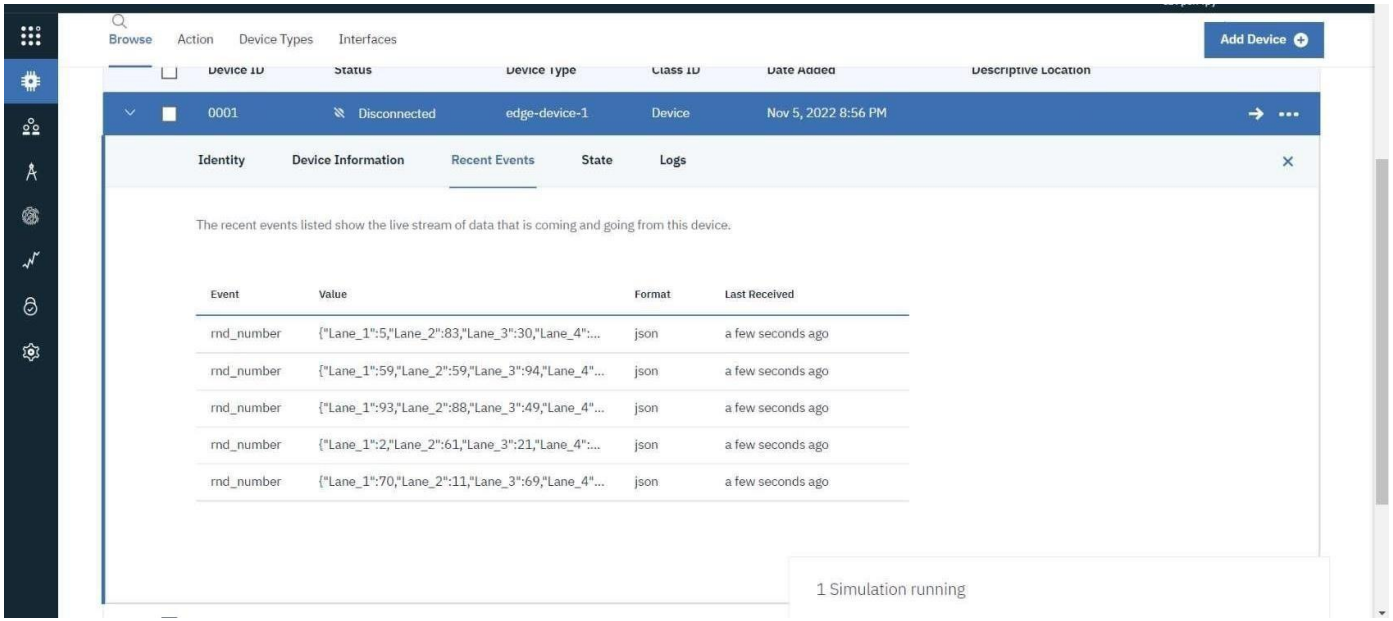
Project Development Phase
Sprint-3: MIT App Design and Testing

Date	19th November 2022
PNT2022TMID277860	PNT2022TMID277860
Project Name	Project – Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

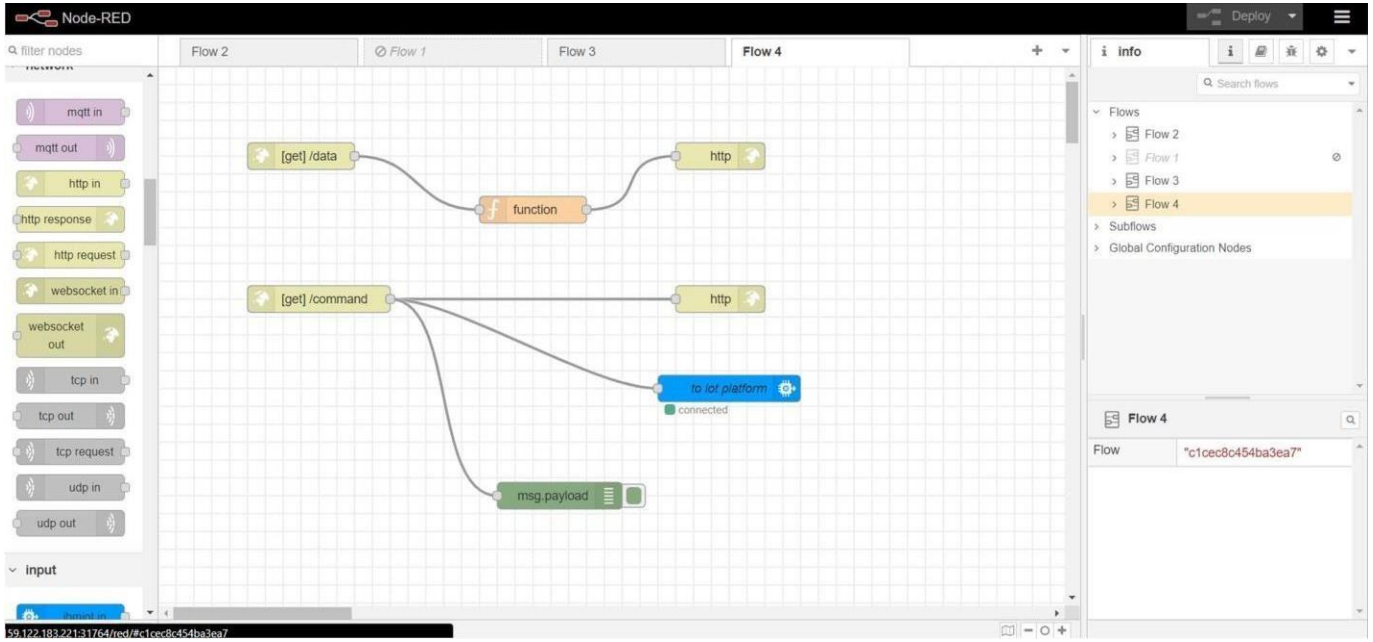
Wokwi Simulation: https://wokwi.com/projects/348855035785904723



IoT Device – IoT Platform



Node Red – Connect with MIT AppInventor



Edit function node

Delete Cancel

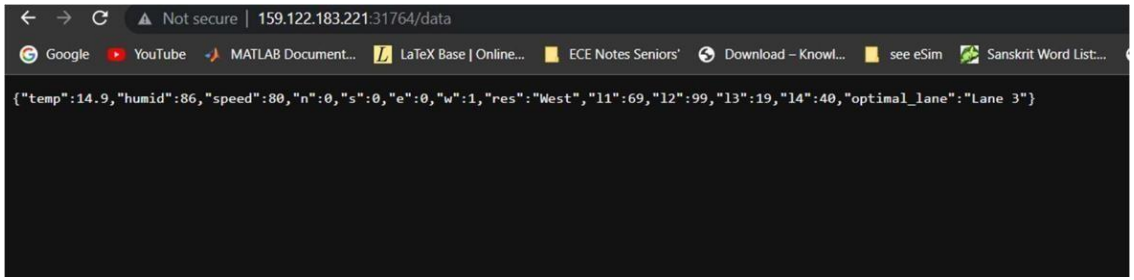
O Properties

'g• Name Name

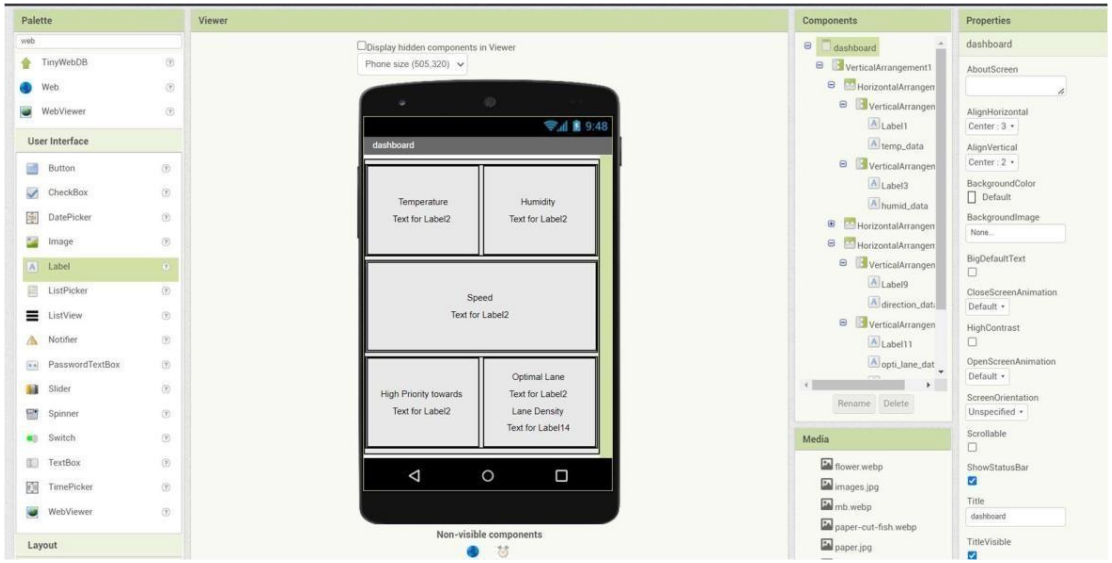
O Setup On Start On Message On Stop

```
• 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("optinal Jane")
15
16’ };
17
ig  return msg;
```

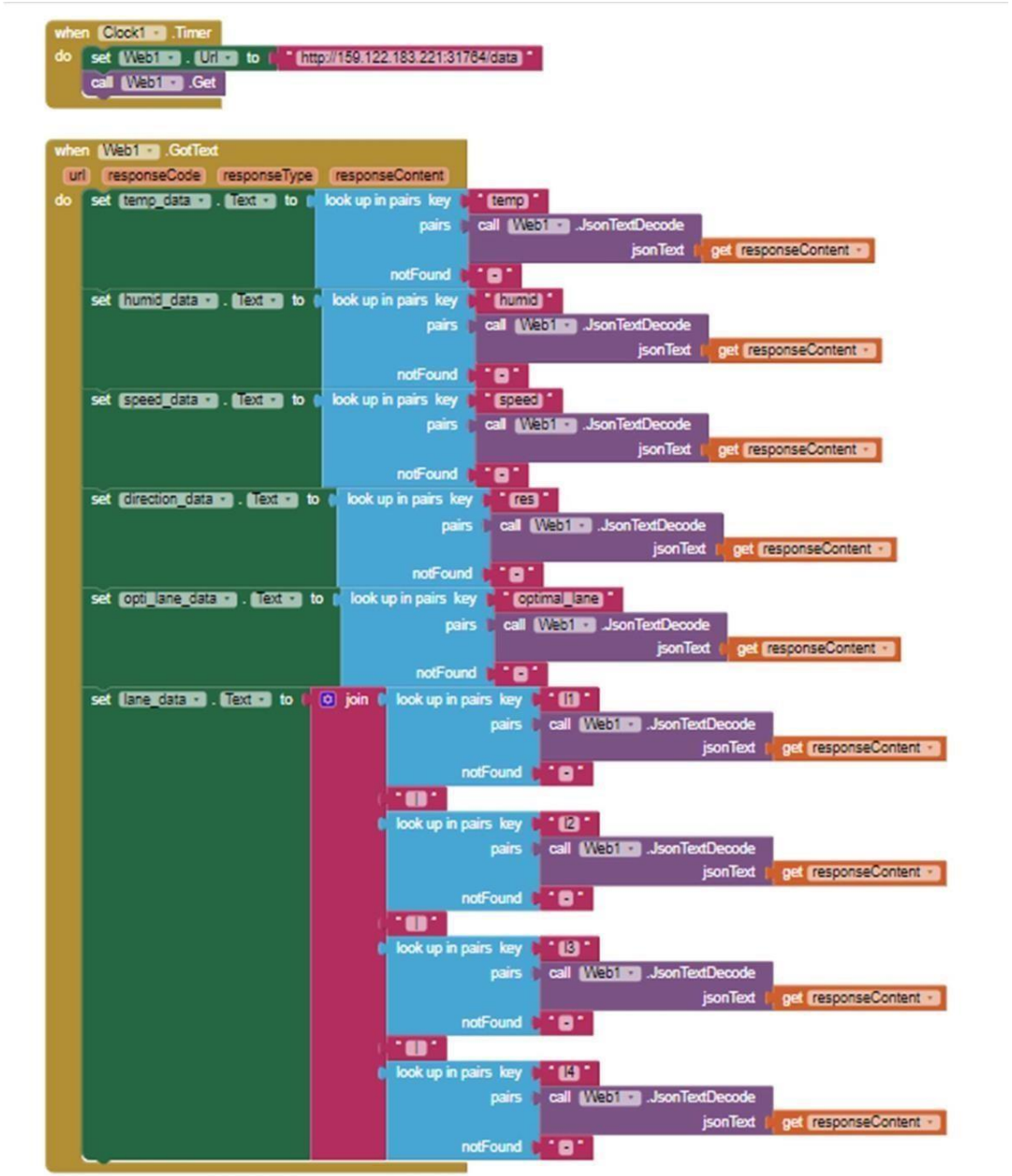
Output from Node red:



MIT App Inventor UI design:



MIT App Inventor Backend design:



Sprint 3 delivery:

(OUTPUT) Display from MIT App: