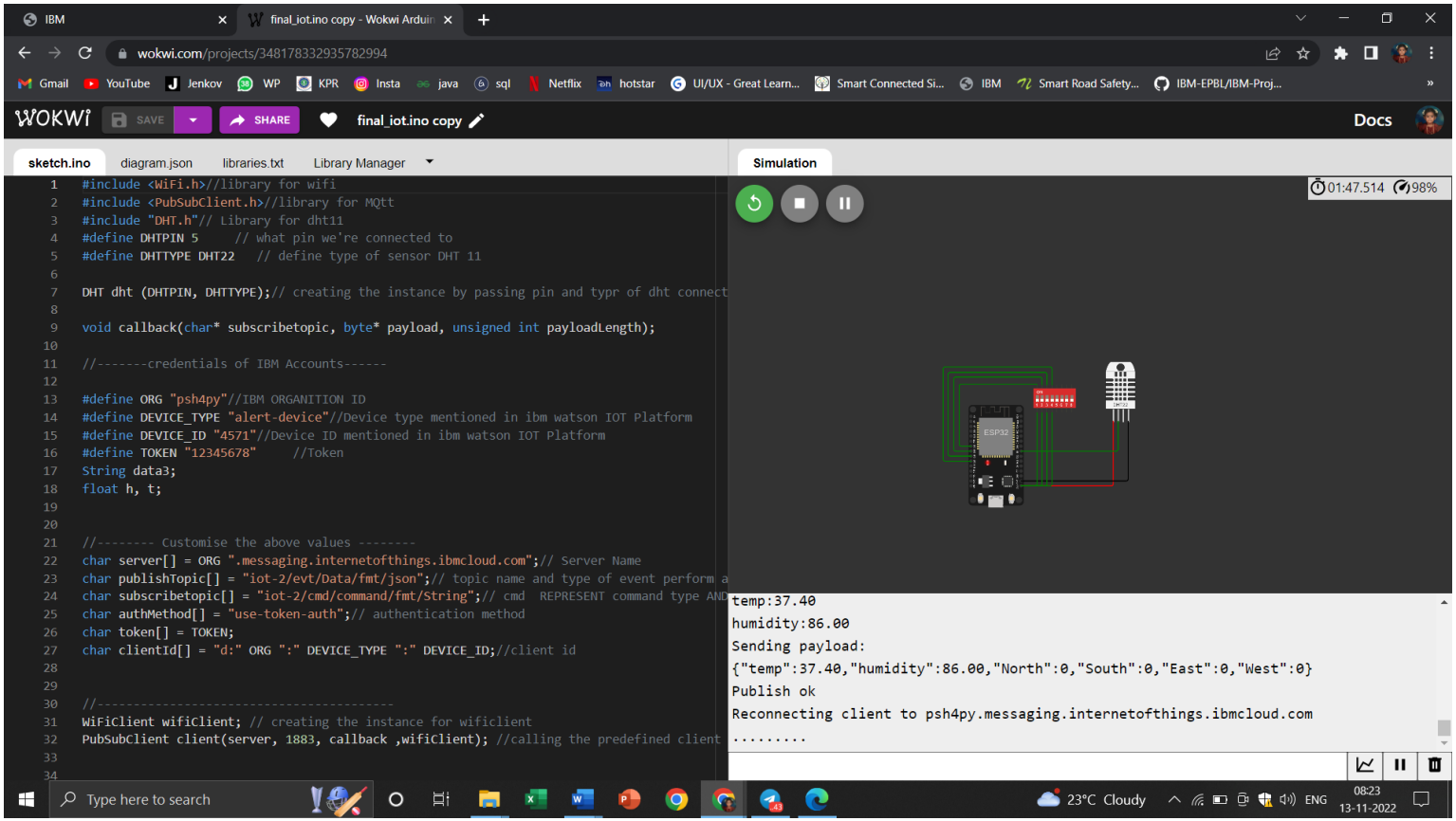
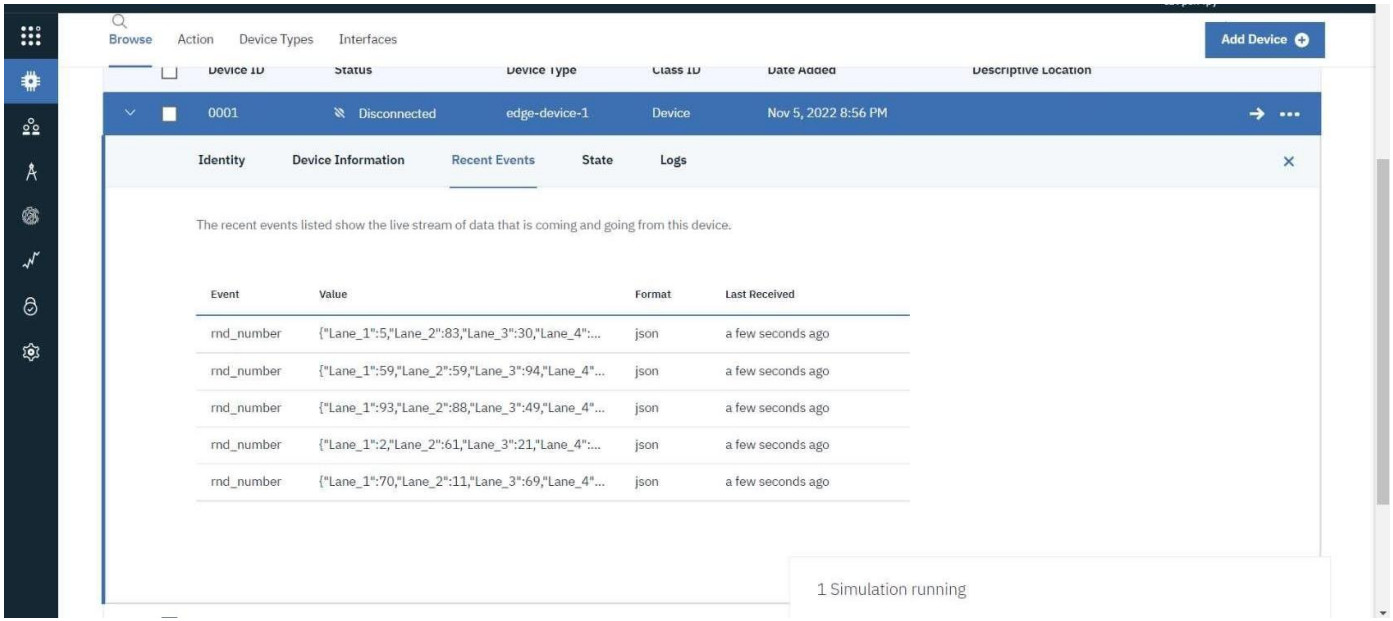
Project Development Phase
Sprint-3: MIT App Design and Testing

Date	7 November 2022
Team ID	PNT2022TMID41539
Project Name	Project – Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

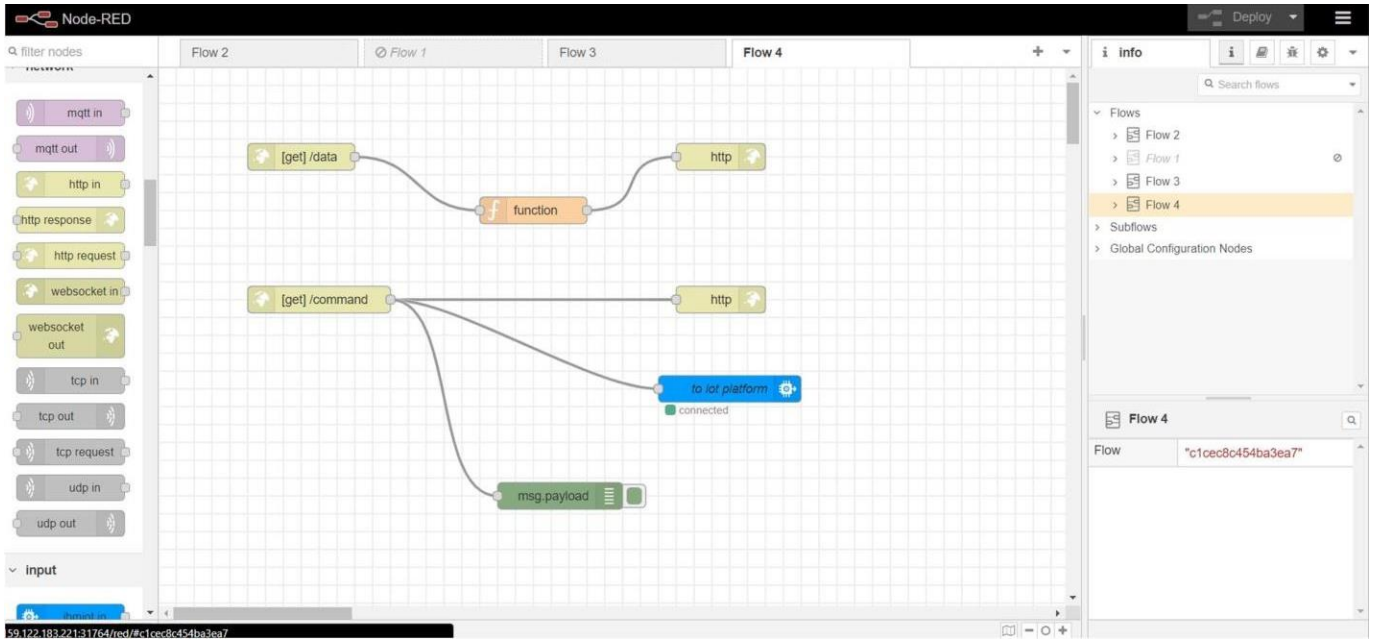
Wokwi Simulation: https://wokwi.com/projects/348178332935782994

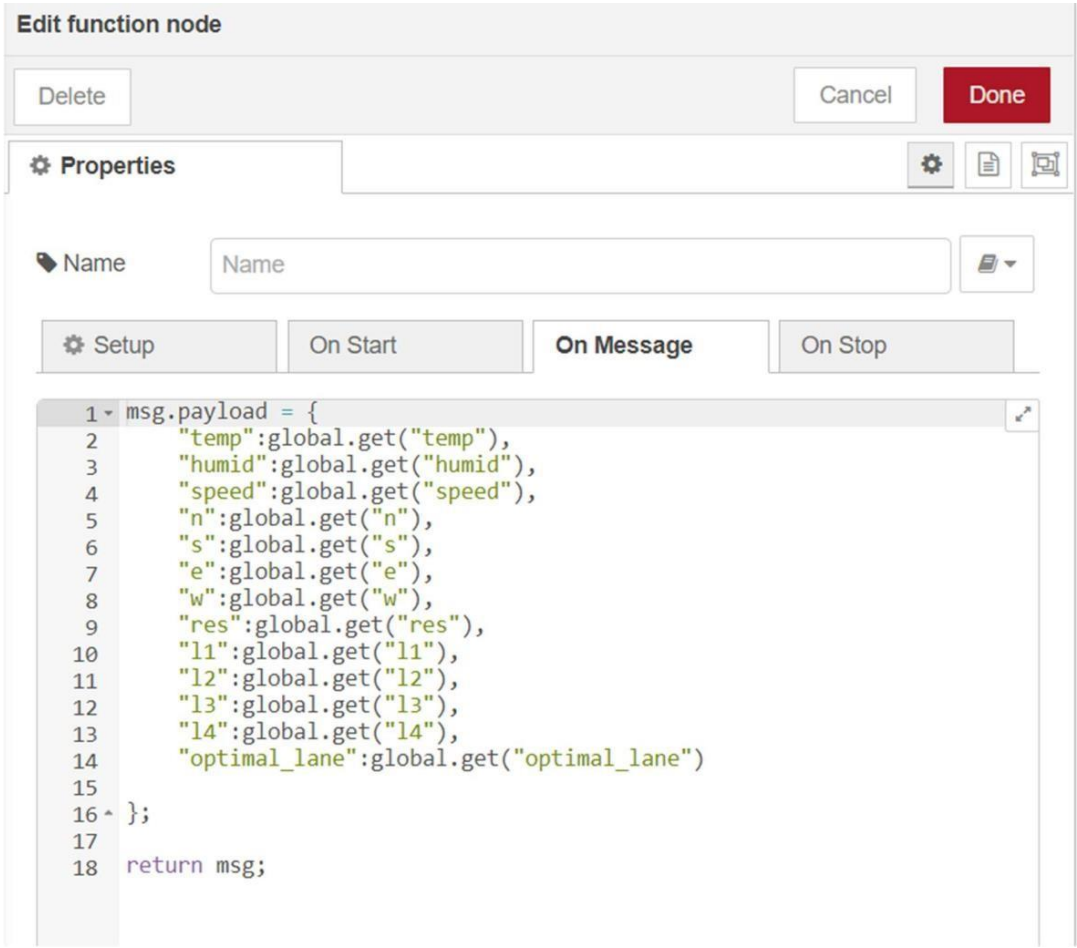


IoT Device – IoT Platform



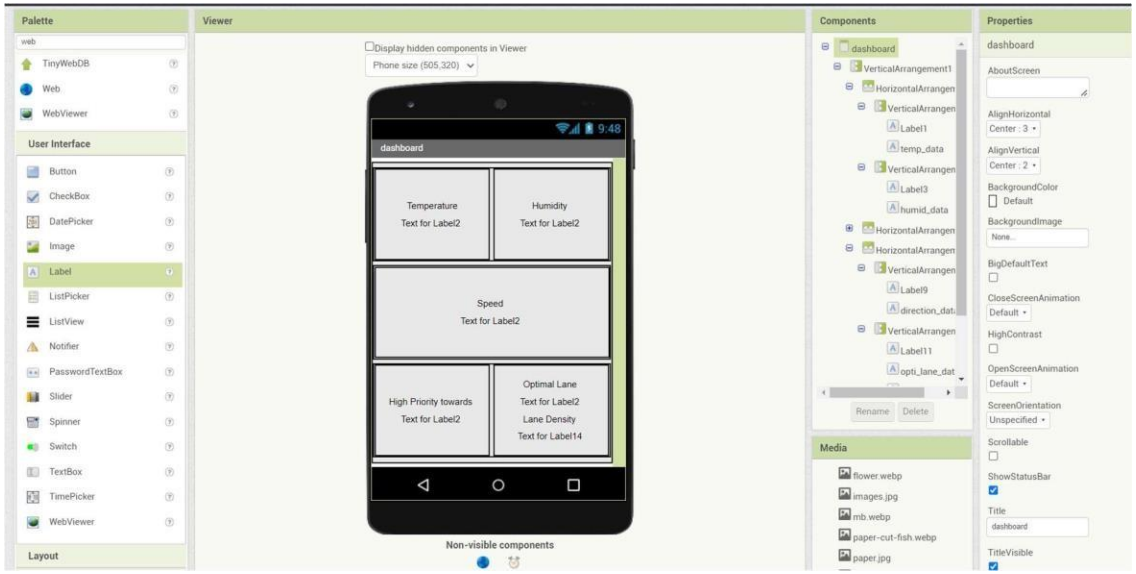
Node Red – Connect with MIT AppInventor



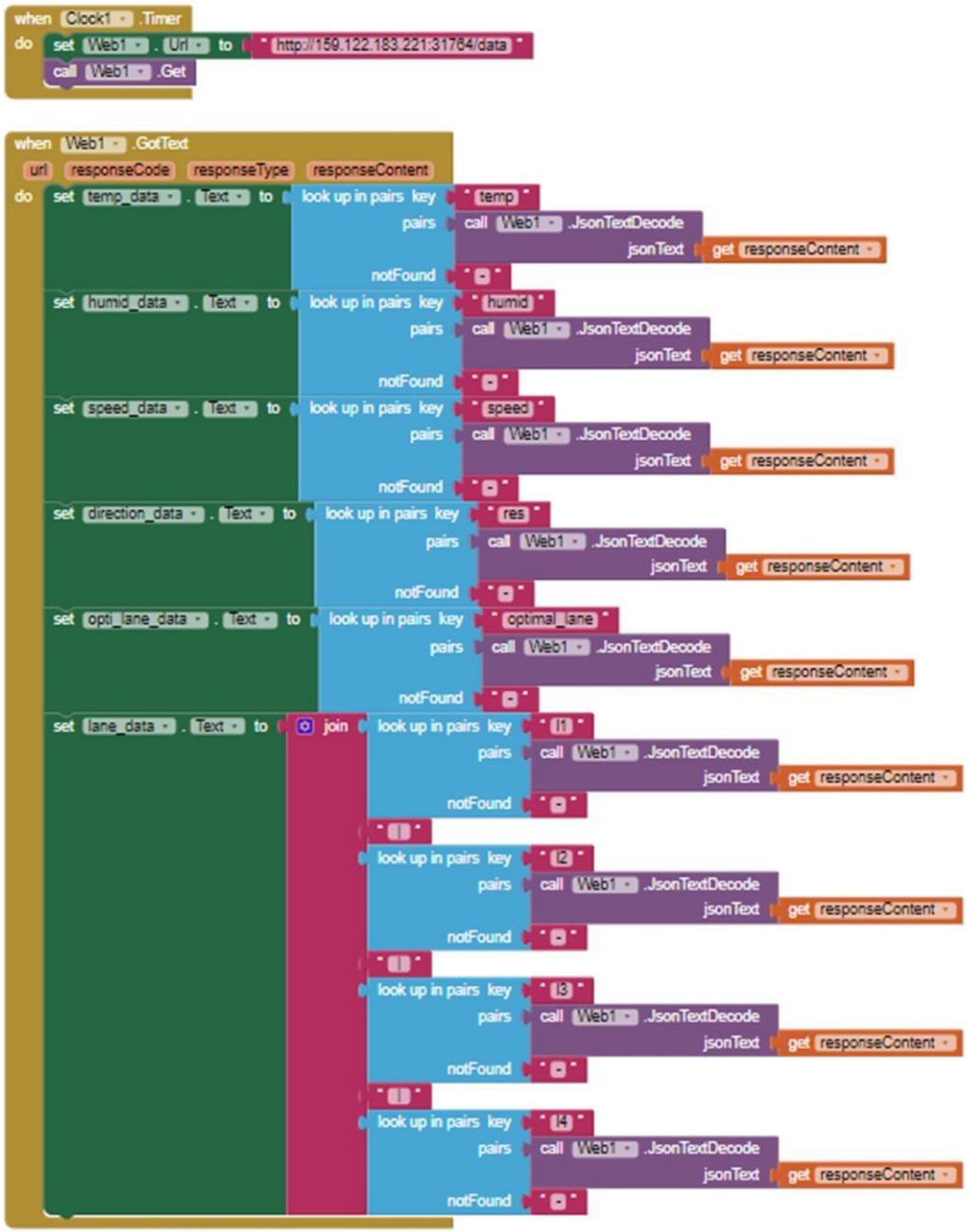

Edit function node
Delete
Cancel
Done
Properties
Name
Name
Setup
On Start
On Message
On Stop
msg.payload = {
"temp":global.get("temp"),
"humid":global.get("humid"),
"speed":global.get("speed"),
"n":global.get("n"),
"s":global.get("s"),
"e":global.get("e"),
"w":global.get("w"),
"res":global.get("res"),
"l1":global.get("l1"),
"l2":global.get("l2"),
"l3":global.get("l3"),
"l4":global.get("l4"),
"optimal_lane":global.get("optimal_lane")
};
return msg;

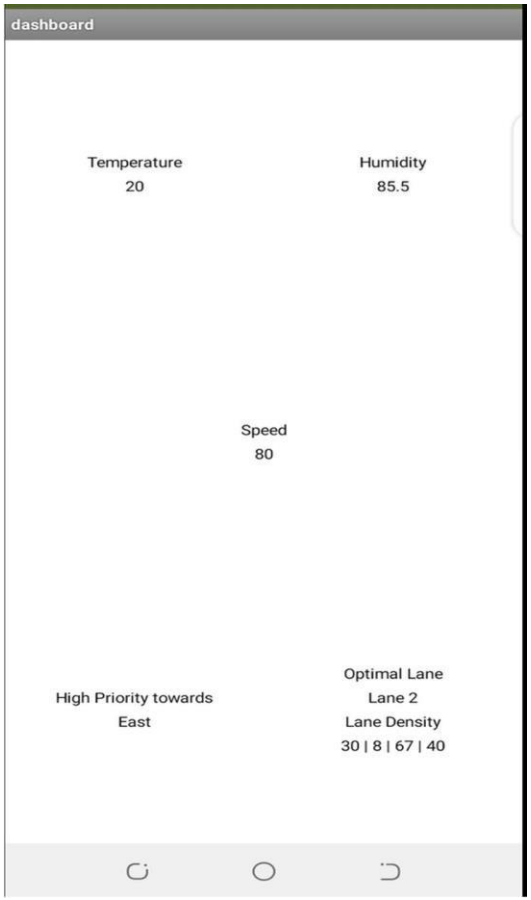
Output from Node red:

MIT App Inventor UI design:



MIT App Inventor Backend design:



Sprint 3 delivery:

(OUTPUT) Display from MIT App: