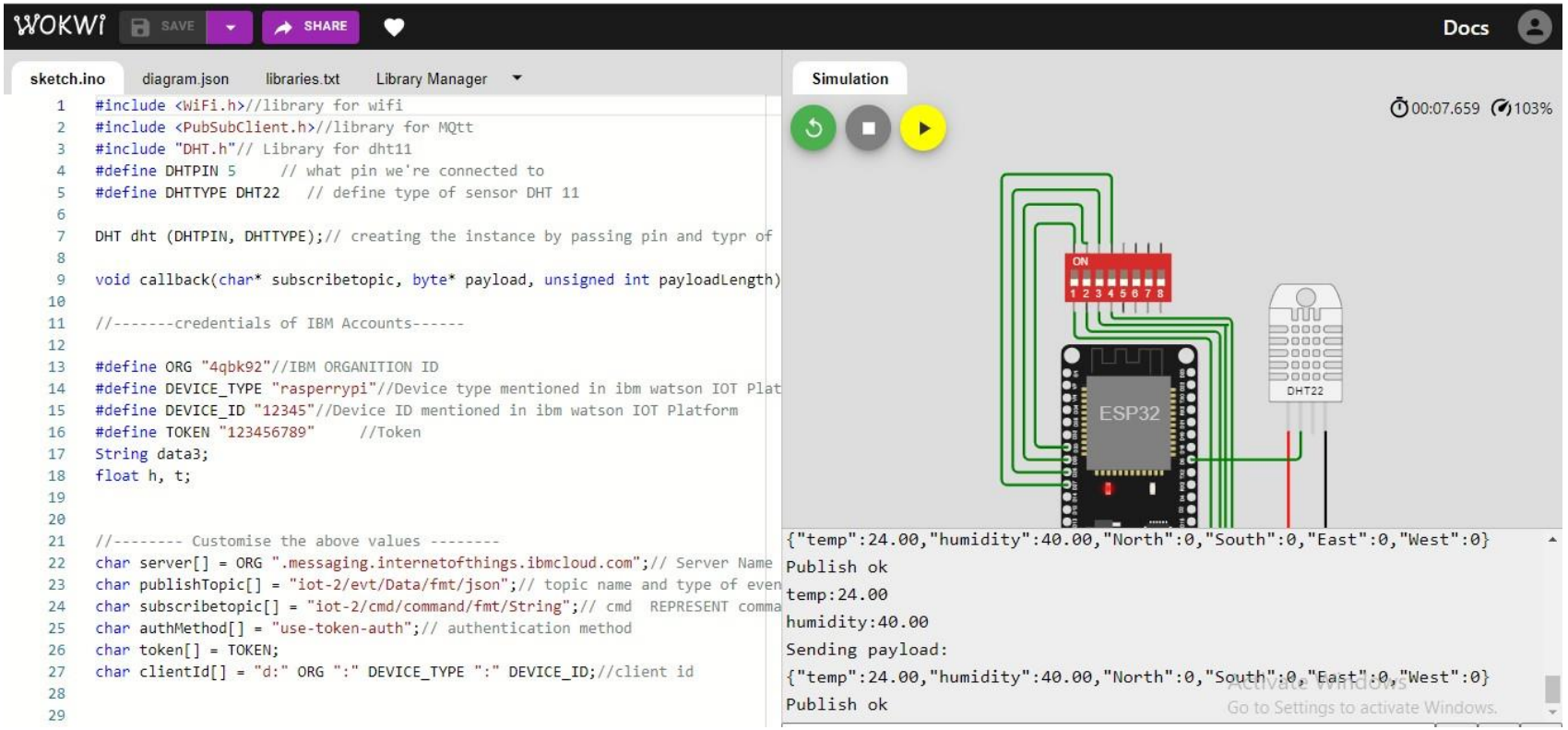
Project Development Phase
Sprint III

Team ID	PNT2022TMID38970
Project Name	Signs with Smart Connectivity for better road safety

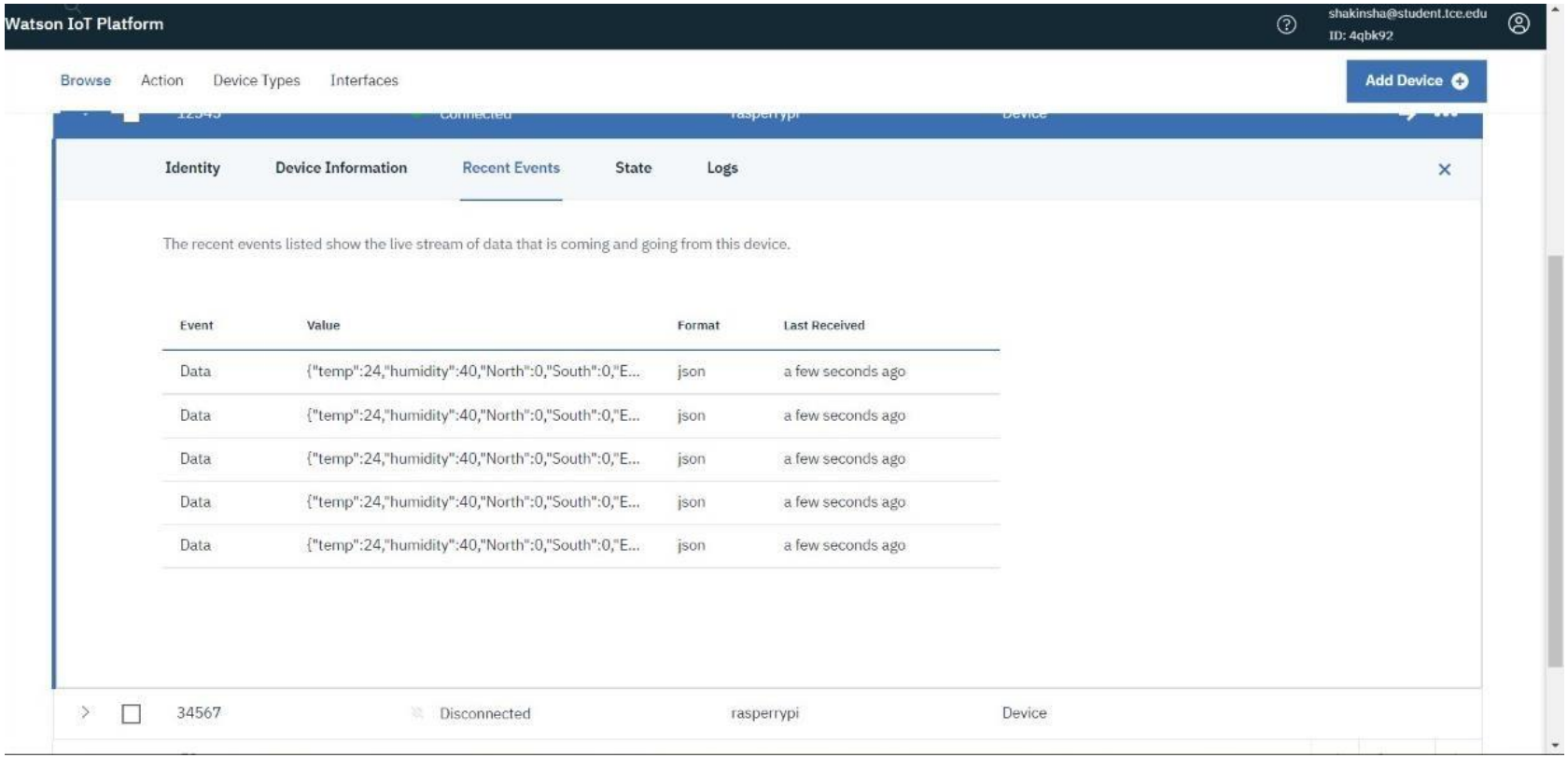
Sprint Targets :

Sprint	Functional Requirement (Epic)	UserStory Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Login	USN-5	As an administrator , I should have an account of the website	7	Low	Sowndharya, Akshaya, Ramani, umamaheswari
Sprint-3	Dashboard	USN-6SSS	As an admin, I should be ableto monitor and add sign nodes	13	Medium	Sowndharya, Akshaya, Ramani, umamaheswari

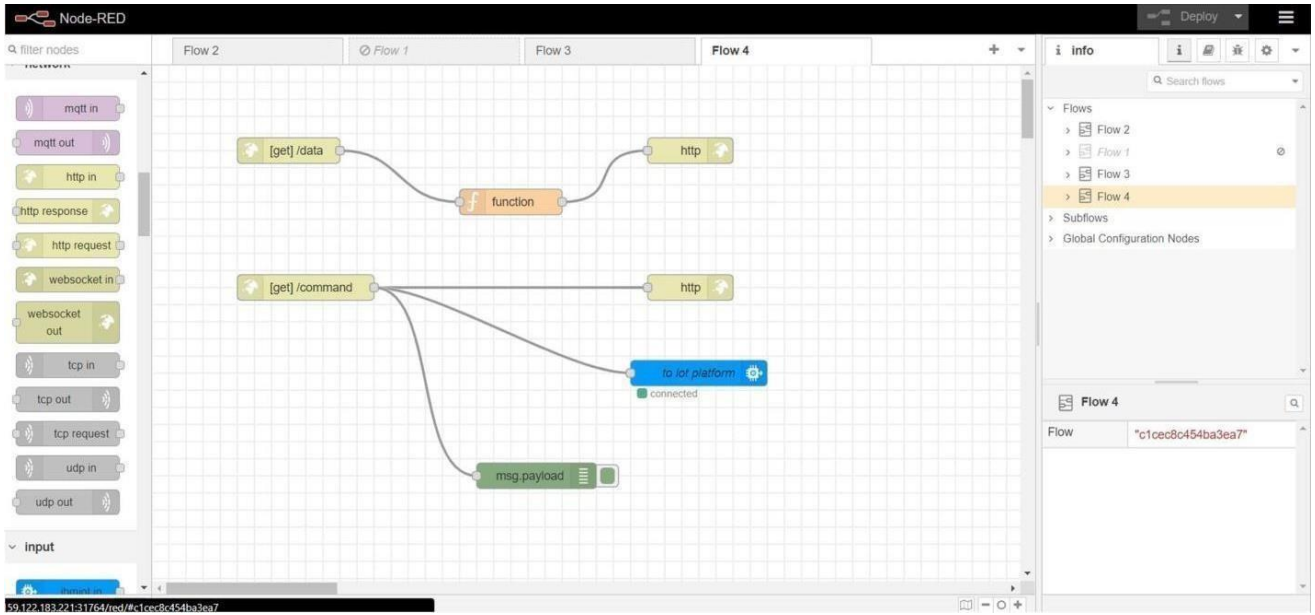
Wokwi Simulation: https://wokwi.com/projects/348578517287436883

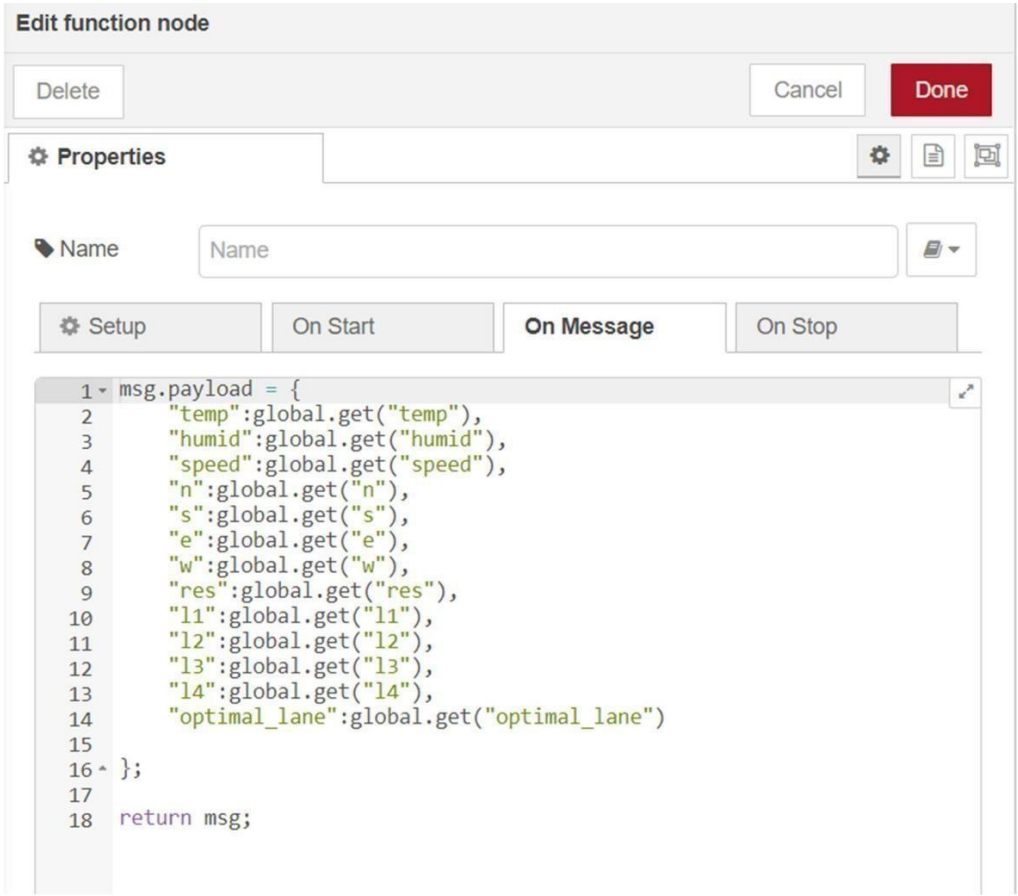


IoT Device – IoT Platform



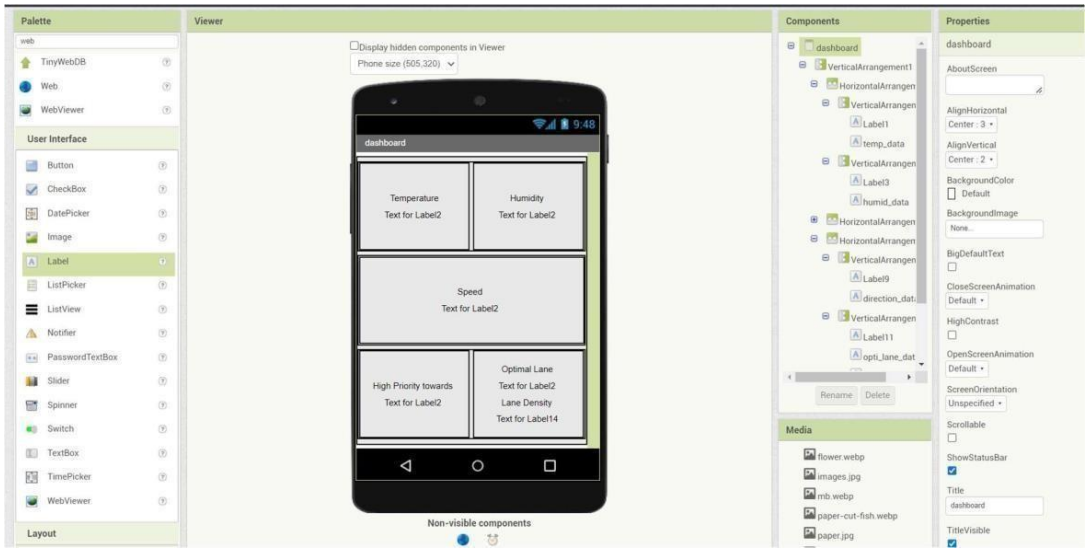
Node Red – Connect with MIT AppInventor



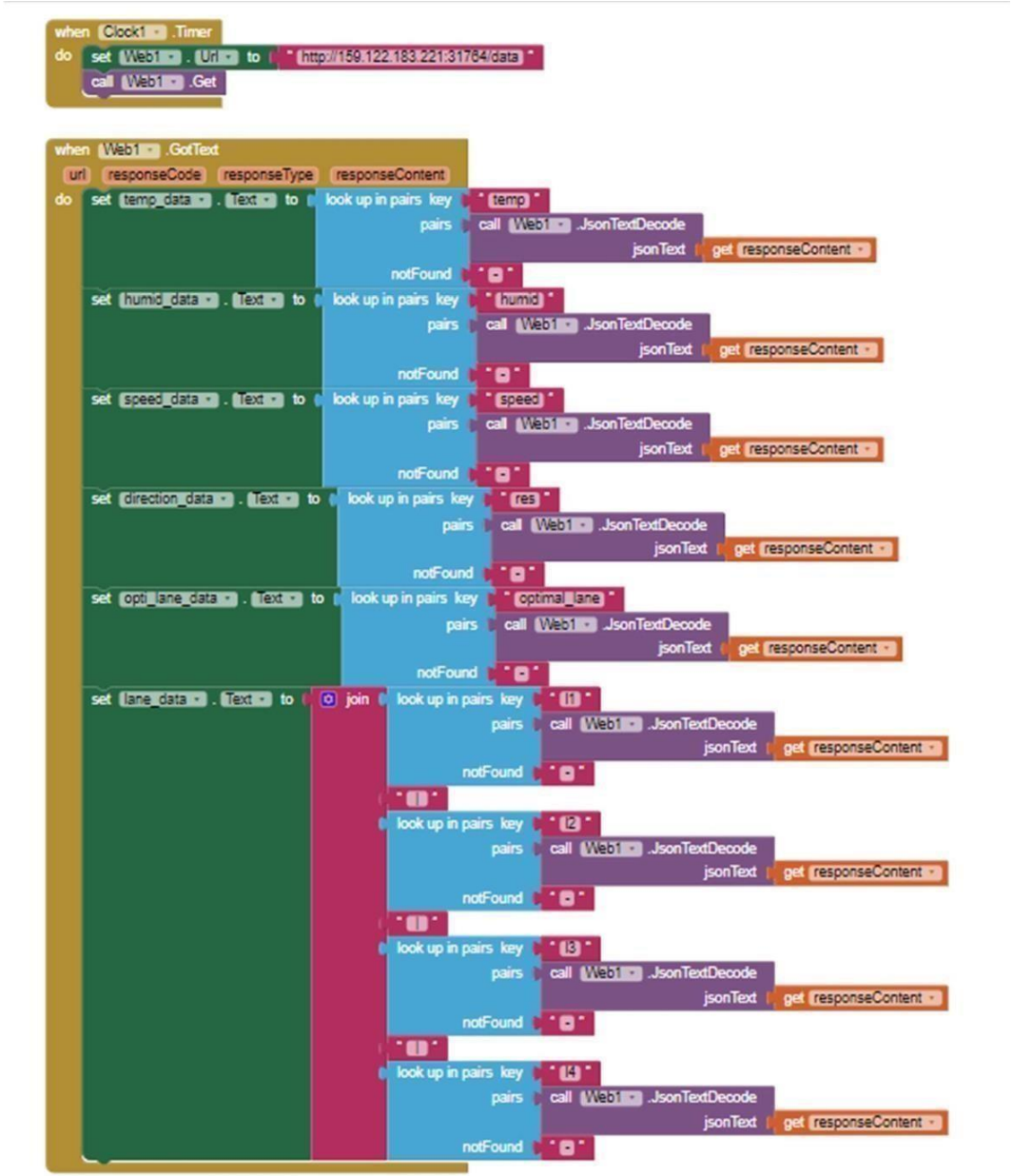

Edit function node
Delete
Cancel
Done
Properties
Name
Name
Setup
On Start
On Message
On Stop
msg.payload = {
"temp":global.get("temp"),
"humid":global.get("humid"),
"speed":global.get("speed"),
"n":global.get("n"),
"s":global.get("s"),
"e":global.get("e"),
"w":global.get("w"),
"res":global.get("res"),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