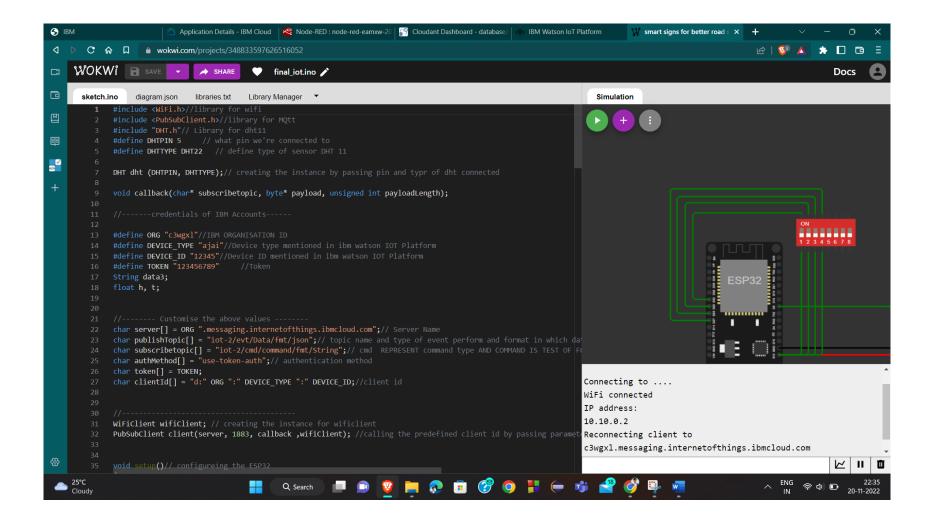
# **Project Development Phase Sprint III**

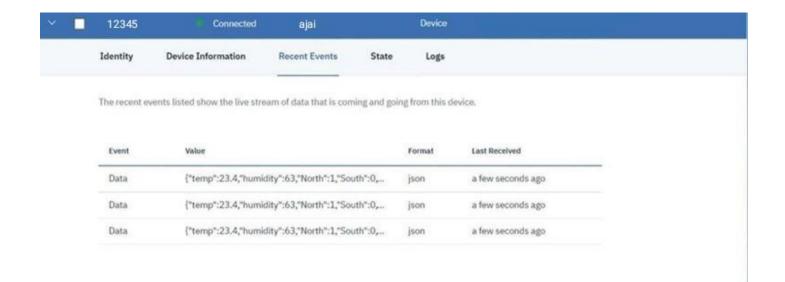
Date	13 November 2022
Team ID	PNT2022TMID14814
Project Name	Signs with Smart Connectivity for better road safety

### **Sprint Targets:**

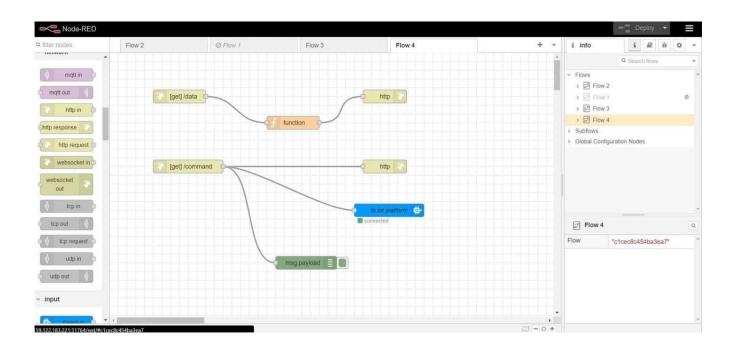
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Login	USN-5	As an administrator, I should have an account of the website	7	Low	Ajai Balaji P Dheepak Kumaar A S Vamsi Krishna D Gowshik Ram S
Sprint-3	Dashboard	USN-6	As an admin, I should be able to monitor and add sign nodes	13	Medium	Ajai Balaji P Dheepak Kumaar A S Vamsi Krishna D Gowshik Ram S

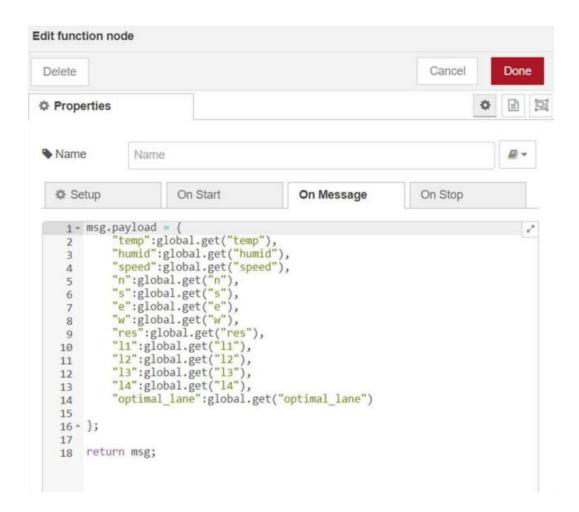


#### **IoT Device – IoT Platform**

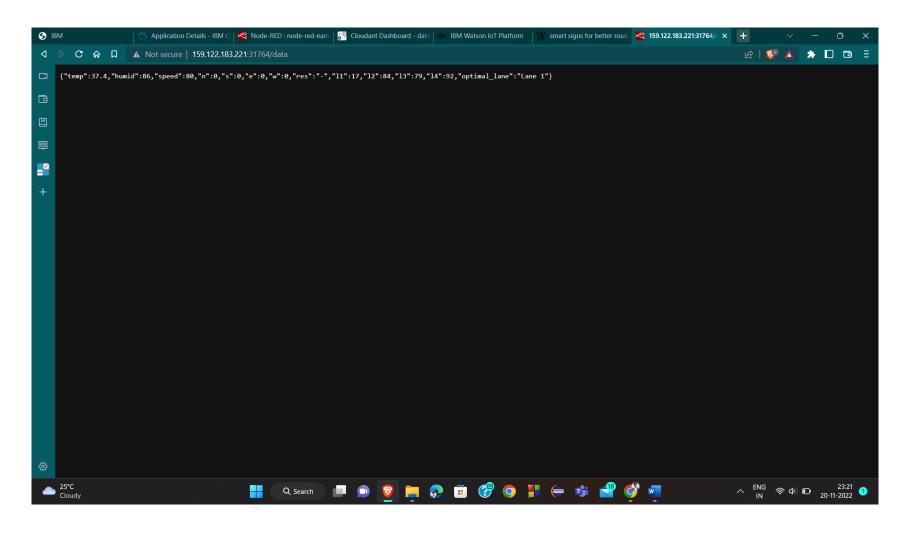


## Node Red – Connect with MIT App Inventor

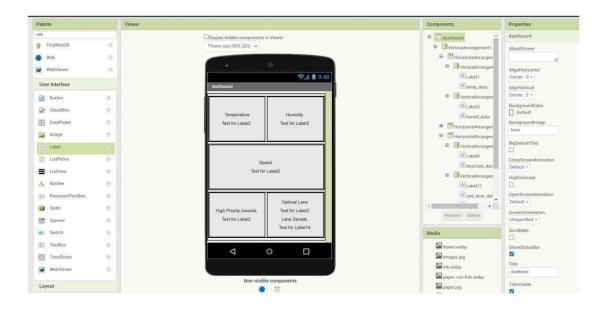




## **Output from Node red:**



### MIT App Inventor UI design:



#### MIT App Inventor Backend design:

```
when Clock1 . Timer
  set (Web1 ... Uril to http://159.122.183.221:31764/data
   cal (Web11 - Get
when Web1 .GotText
url responseCode responseType responseContent
do set temp data . Text to look up in pairs key temp
                                       pairs call Web1 JsonTextDecode
                                                              jsonText | get responseContent -
                                    notFound ** **
   set (numb data . (Texter) to | look up in pairs key | humid ...
                                       pairs call (Web) JsonTextDecode
                                                               jsonText get responseContent •
                                     notFound " " "
   set speed data . Text to book up in pairs key speed
                                       pairs call (Welf III .JsonTextDecode
                                                               jsonText get responseContent •
                                    set direction data . Text to look up in pairs key tes
                                         get responseContent •
                                      notFound " " "
   pairs call Web1 JsonTextDecode
                                                                 jsonText | get responseContent *
                                       notFound " " " "
   set (lane_data . . Text to ( ) join ( look up in pairs key ( 11 *
                                              pairs call (Web11 JsonTextDecode
                                                                      jsonText | get responseContent +
                                           . .
                                   look up in pairs key 🕻 🕻 🔞 🔭
                                             pairs call (Web1 JsonTextDecode
                                                                      jsonText | get responseContent •
                                           notFound * * *
                                     . .
                                   look up in pairs key 🐧 " [3] 🔭
                                               pairs call Web1 JsonTextDecode
                                                                      jsonText | get responseContent -
                                           notFound * * *
                                     . .
                                   look up in pairs key 1 (4)
                                               pairs call (Web100 .JsonTextDecode
                                                                      jsonText | get responseContent *
```

# Sprint 3 delivery:

# (OUTPUT) Display from MIT App:

