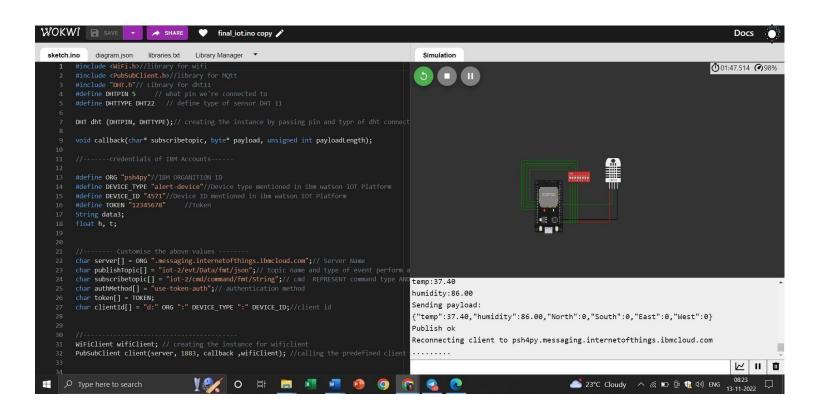
## Project Development Phase Sprint III

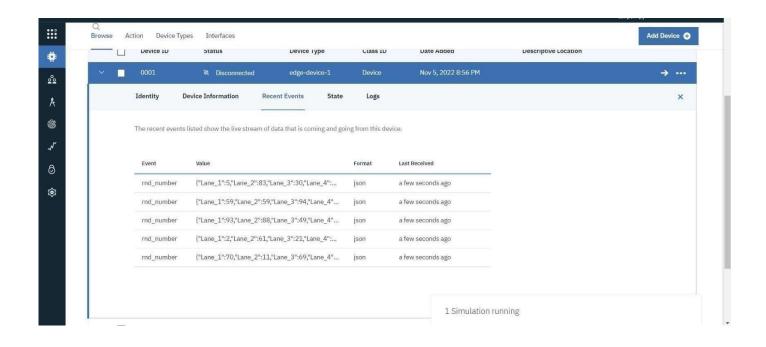
Team ID	PNT2022TMID30708
Project Name	Signs with Smart Connectivity for better road safety

## **Sprint Targets:**

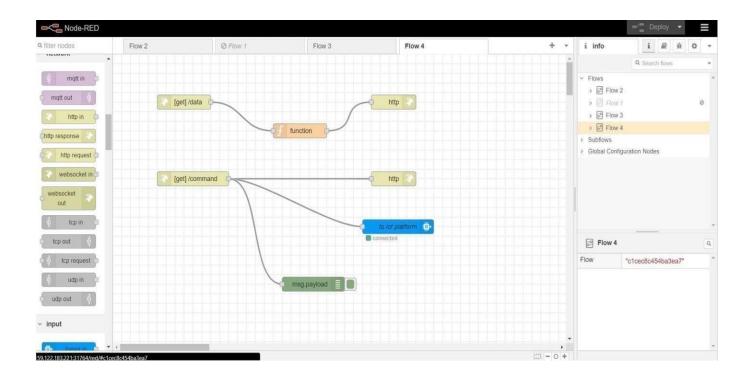
Sprint	Functional Requirement (Epic)	User Story Number	User Story /Task	Story Points	Priority	Team Members
Sprint-3	Login	USN-5	I need a website account because I'm the administrator.	7	Low	Janani.S Preethi.S Mohanapriya.P Elavarasi.G
Sprint-3	Dashboard	USN-6SSS	I should be able to watch over and add sign nodes as an administrator.	13	Medium	Janani.S Preethi.S Mohanapriya.P Elavarasi.G

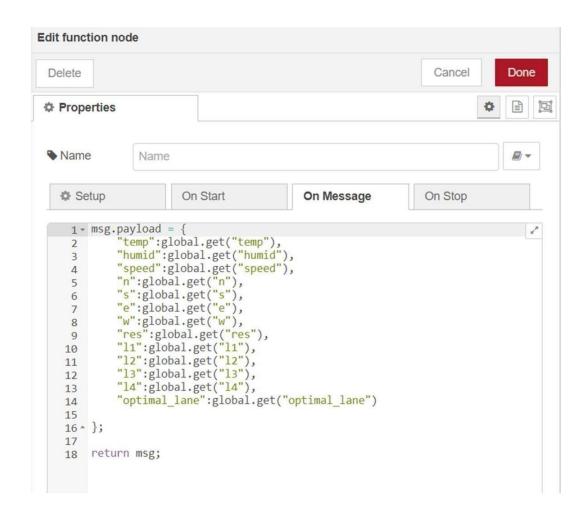
#### **WOWKI Simulation**:





**Node Red – Connect with MIT App Inventor:** 





### MIT App Inventor UI design:



MIT App Inventor Backend design

```
when Clock1 Timer
  set (Web1 . Uni to | "Into://159.122.183.221.31784/data "
  cal (Wat100 .Get
when (Web) ... GotText
url responseCode responseType responseContent
 o set (temp data in ). (Text in ) to ( look up in pairs key ) (temp )
                                         pairs call (Web110) .JsonTextDecode
                                                                  |sonText | get | responseContent +
                                      notFound 1 6
  set (numbilidata . (Text.) to (look up in pairs key (humid)
                                         pairs call (WEBTIED .JsonTextDecode
                                                                   jsonText get responseContent ...
                                       notFound | " | " |
  set speed data . (extra to look up in pairs key speed
                                          pairs call (Wei/10) .JsonTextDecode
                                                                   jsonText get responseContent •
                                      notFound | " a"
  set direction_data . Text to to look up in pairs key ("res"
                                            jsonText | get responseContent +
                                        notFound | * 🖪 *
   set optillane data . Text to look up in pairs key optimal ane
                                            pairs call (Web) JsonTextDecode
                                                                      jsonText | get | responseContent =
                                         notFound " " " "
  set (ane data in . Text in to 1 0 join ( look up in pairs key ) (1)
                                                 pairs call (Web110) .JsonTextDecode
                                                                           jsonText | get responseContent •
                                              notFound | " [] "
                                      kook up in pairs key 🕻 " 📵 *
                                                 pairs call (Web112 .JsonTextDecode
                                                                           jsonText | get responseContent
                                              notFound ( '8'
                                      look up in pairs key 🔭 📳 "
                                                 pairs call (Web112) .JsonTextDecode
                                                                           jsonText | get responseContent •
                                               notFound " "
                                      look up in pairs key 1 '(1)'
                                                 pairs call (Web110) .JsonTextDecode
                                                                           jsonText | get responseContent •
                                               notFound 1 181
```

# **Sprint 3 delivery:**

# (OUTPUT) Display from MIT App:

