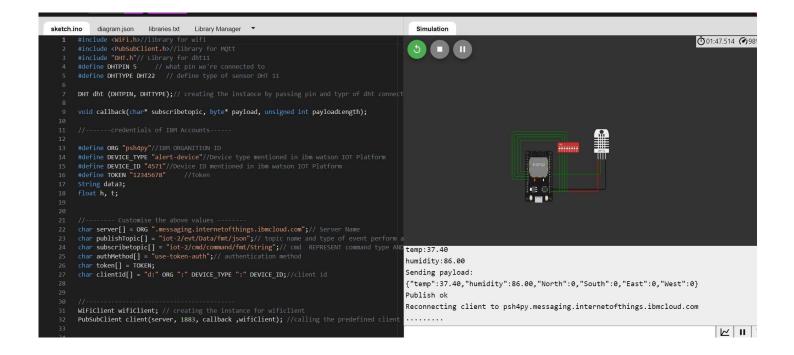
Project Development PhaseSprint III

Date	11 November 2022
Team ID	PNT2022TMID12305
Project Name	Signs with Smart Connectivity for better road safety

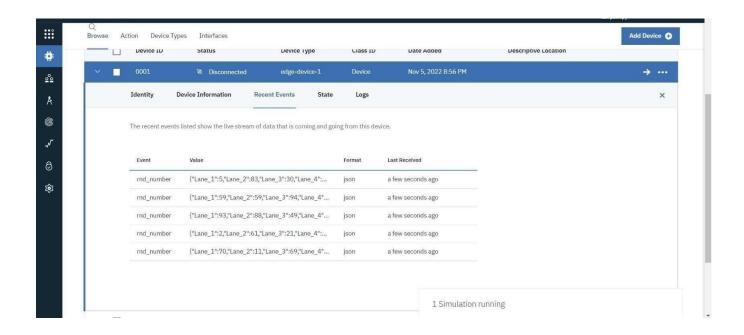
Sprint Targets:

Sprint	Functional Requirement (Epic)	UserStory Number	UserStory/Task	Story Points	Priority	Team Members
Sprint-3	Login	USN-5	As an administrator , I should have an account of the website	7	Low	Ghavanamani Naveen Maheshwaran Hariharan
Sprint-3	Dashboard	USN-6SSS	As an admin, I should be able to monitor and add sign nodes	13	Medium	Ghavanamani Naveen Maheshwaran Hariharan

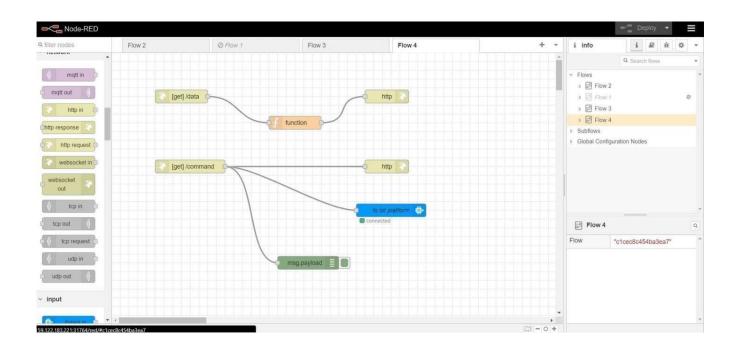
Wokwi Simulation: https://wokwi.com/projects/348178332935782994

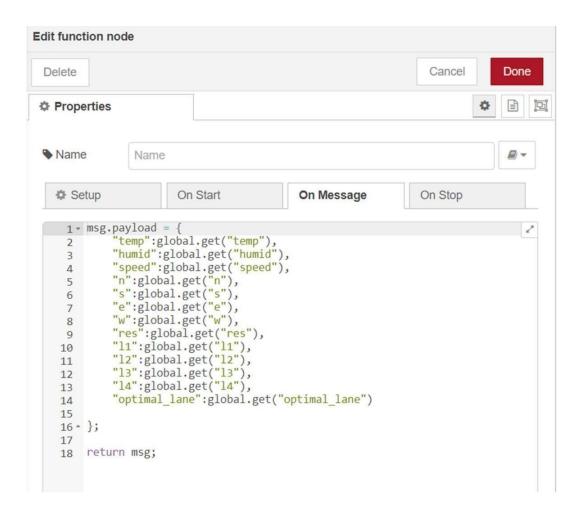


IoT Device – IoT Platform



Node Red – Connect with MIT Applnventor





Output from Node red:

MIT App Inventor UI design:



MIT App Inventor Backend design:

```
when Clock1 . Timer
  set (Web182) . Units 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 •
                                    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 Web11 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 (1011)
                                            pairs call (Web1 JsonTextDecode
                                                                      jsonText | get responseContent •
                                           notFound ( * 🗖 *
                                     . .
                                  look up in pairs key 🕻 * 📵 *
                                              pairs call Web1 JsonTextDecode
                                                                      jsonText | get responseContent -
                                           notFound * * *
                                     . .
                                  look up in pairs key 1 (4)
                                              pairs call (Web1122 .JsonTextDecode
                                                                      jsonText | get responseContent *
```

Sprint 3 delivery:

(OUTPUT) Display from MIT App:

