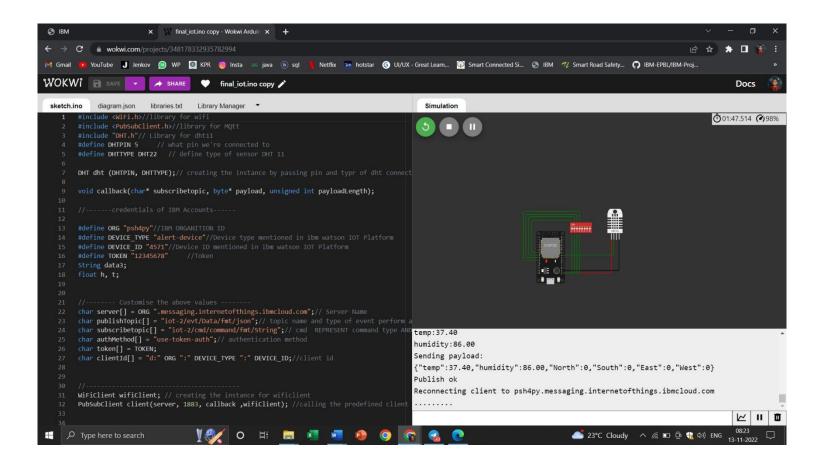
Project Development PhaseSprint III

Date	13 November 2022
Team ID	PNT2022TMID07843
Project Name	Signs with Smart Connectivity for better road safety

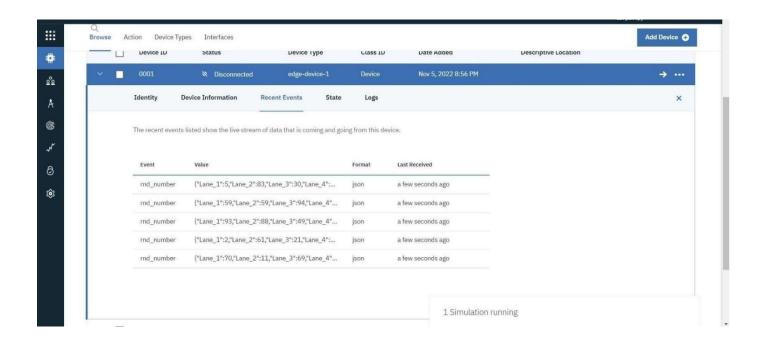
Sprint Targets:

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	Sneha Nivetha Jeyashri Pawana Prudhvi Naveen
Sprint-3	Dashboard	USN-6SSS	As an admin, I should be able to monitor and add sign nodes	13	Medium	Sneha Nivetha Jeyashri Pawana Prudhvi Naveen

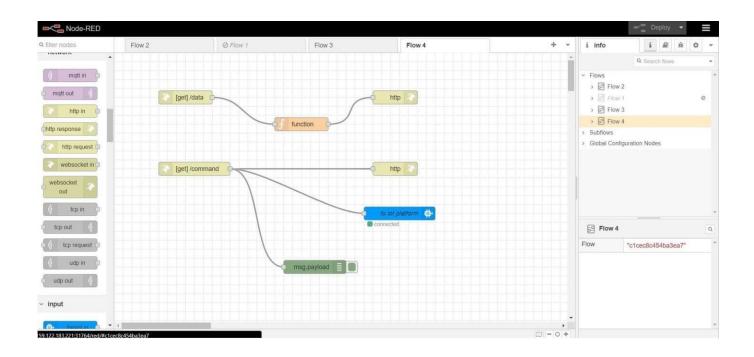
Wokwi Simulation: https://wokwi.com/projects/348178332935782994

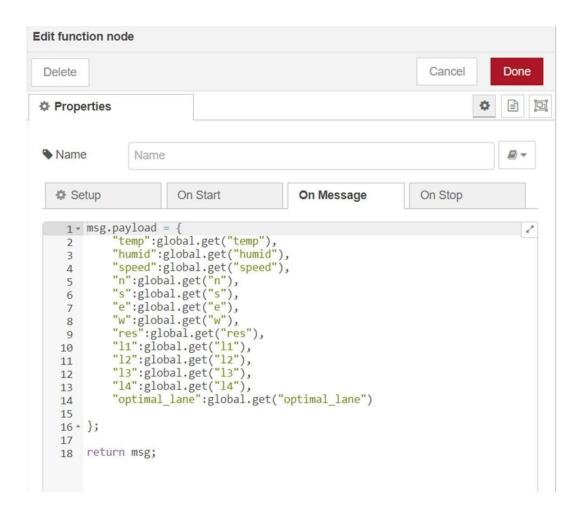


IoT Device – IoT Platform



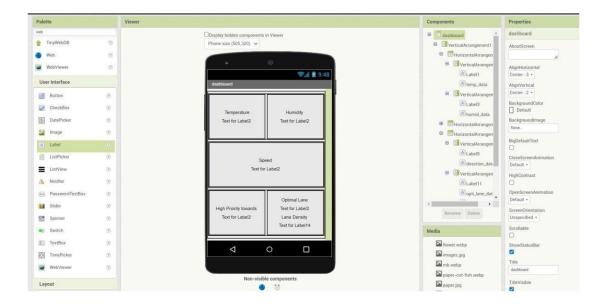
Node Red – Connect with MIT Applnventor





Output from Node red:

MIT App Inventor UI design:



MIT App Inventor Backend design:

```
when Clock1 . Timer
do set (Web112) . Units to http://159.122.183.221.31764/data
when Web1 GotText
 url responseCode responseType responseContent
do set temp data . Text to to look up in pairs key temp
                                          pairs call (Web1 JsonTextDecode
                                                                   jsonText get responseContent •
                                      set (numb data . (Text to look up in pairs key ) (humid)
                                          pairs call (Web) IC .JsonTextDecode
                                                                    jsonText | get responseContent -
   set speed data . (Texture to book up in pairs key speed)
                                          pairs call Weblic JsonTextDecode
                                                                    jsonText | get responseContent -
                                       set direction data . Text to look up in pairs key res
                                            pairs call Web1 JsonTextDecode
                                                                     jsonText get responseContent •
   set optillane data . Text to look up in pairs key continual lane
                                             pairs call Web1 JsonTextDecode
                                                                      jsonText | get responseContent *
                                         notFound " " " "
   set (ane_data . Text to ( ) join ( look up in pairs key ) (1)
                                                  pairs call Web1 JsonTextDecode
                                                                           jsonText | get responseContent -
                                               notFound " " "
                                       .0.
                                      look up in pairs key 📜 * [2] *
                                                pairs call (Web11 JsonTextDecode
                                                                           jsonText | get responseContent *
                                               notFound ( * 🗂 *
                                       . .
                                      look up in pairs key 🕻 " [3] *
                                                  pairs call (Web1100 .JsonTextDecode
                                                                           jsonText get responseContent •
                                               notFound * * •
                                       . .
                                      look up in pairs key (4)
                                                  pairs call (Web187) .JsonTextDecode
                                                                           jsonText | get responseContent -
```

Sprint 3 delivery:

(OUTPUT) Display from MIT App:

