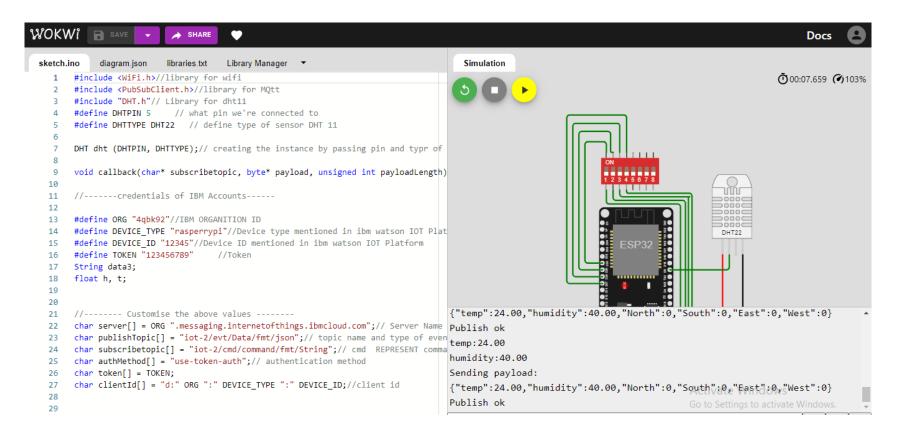
Project Development Phase Sprint III

Date	13 November 2022		
Team ID	PNT2022TMID21418		
Project Name	Signs with Smart Connectivity for better road		
	safety		

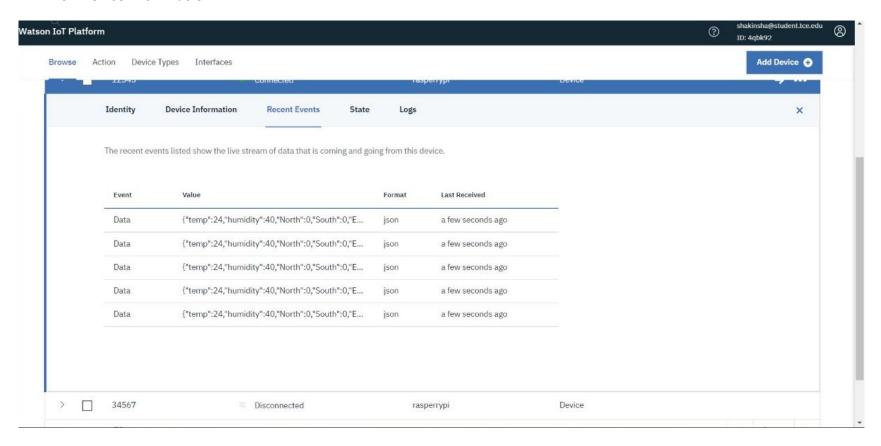
Sprint Targets:

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	Thillai Nivetha Shakinsha Priyadharshini Dhanushya
Sprint-3	Dashboard	USN-6SSS	As an admin, I should be ableto monitor and add sign nodes	13	Medium	Thillai Nivetha Shakinsha Priyadharshini Dhanushya

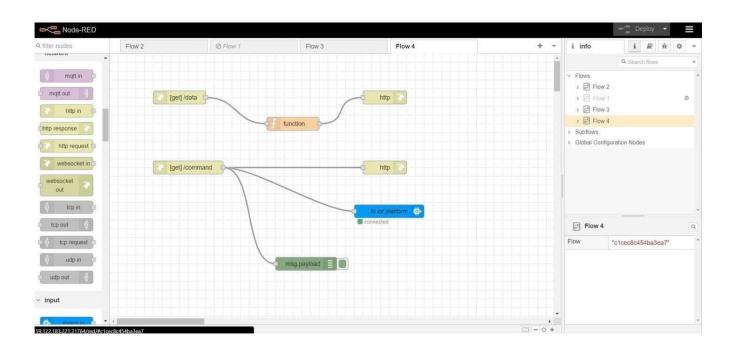
Wokwi Simulation: https://wokwi.com/projects/348578517287436883

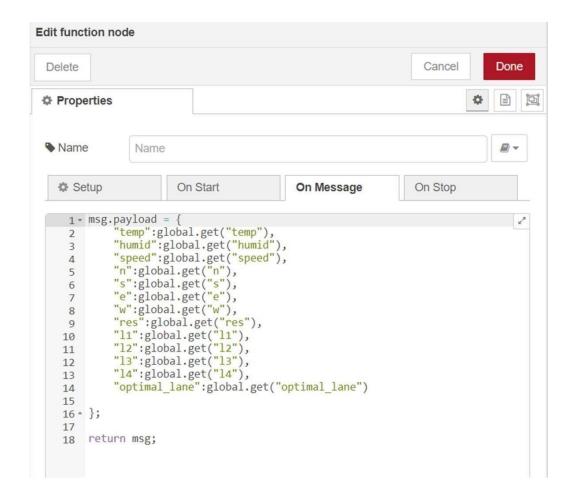


IoT Device – IoT Platform



Node Red – Connect with MIT AppInventor





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)
   call (Web113) .Get
when Web1 GotText
 url responseCode responseType responseContent
do set tempicata . Text to look up in pairs key temp
                                       pairs call (Web11 JsonTextDecode
                                                               jsonText | get responseContent -
                                    notFound * * *
   set (numb data . (lext) to (look up in pairs key (humb)
                                       pairs call (Web) JsonTextDecode
                                                               jsonText get responseContent •
                                    set speed data . Text to to look up in pairs key speed
                                        pairs call (Web113) .JsonTextDecode
                                                               jsonText | get responseContent •
                                    set direction data . Text to look up in pairs key tes
                                         pairs call Web1 JsonTextDecode
                                                                        get responseContent •
                                      pairs call Web11 JsonTextDecode
                                                                 jsonText | get responseContent *
                                       notFound " " " "
   set (ane_data . Text to ( ) join ( look up in pairs key (1) *
                                              pairs call (Web11 JsonTextDecode
                                                                      jsonText | get responseContent *
                                           . .
                                   look up in pairs key (2)
                                            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 🐧 * [4] *
                                              pairs call (Web1122 .JsonTextDecode
                                                                      jsonText | get responseContent *
```

Sprint 3 delivery:

(OUTPUT) Display from MIT App:

