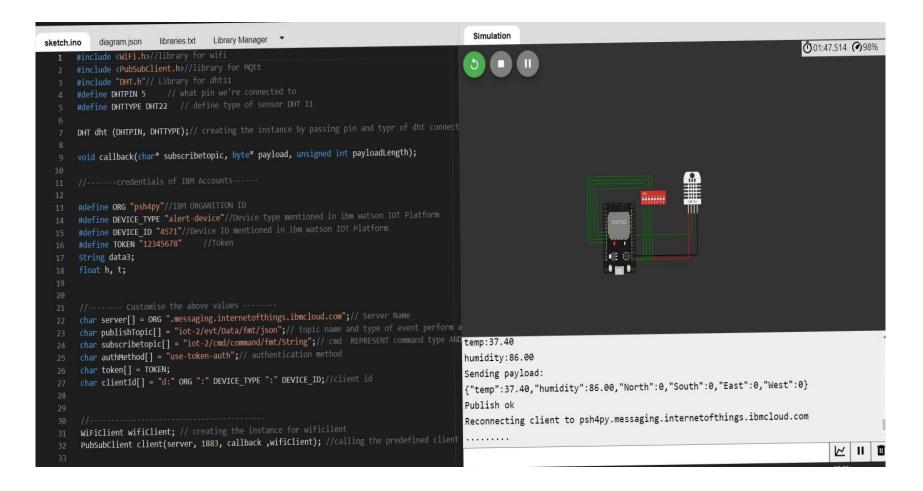
Project Development PhaseSprint III

Date	13 November 2022		
Team ID	PNT2022TMID29179		
Project Name	Signs with Smart Connectivity for better		
	roadsafety		

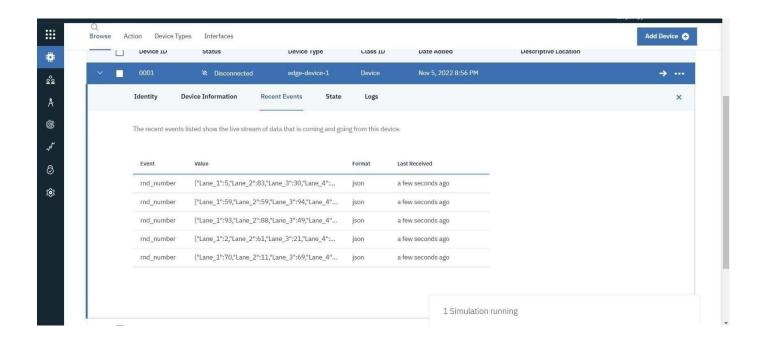
Sprint Targets:

Sprint	Functional Requirement (Epic)	User Story 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	Ramkumar Prabudeva Barani Surya
Sprint-3	Dashboard	USN-6SSS	As an admin, I should be able to monitor and add sign nodes	13	Medium	Ramkumar Prabudeva Barani Surya

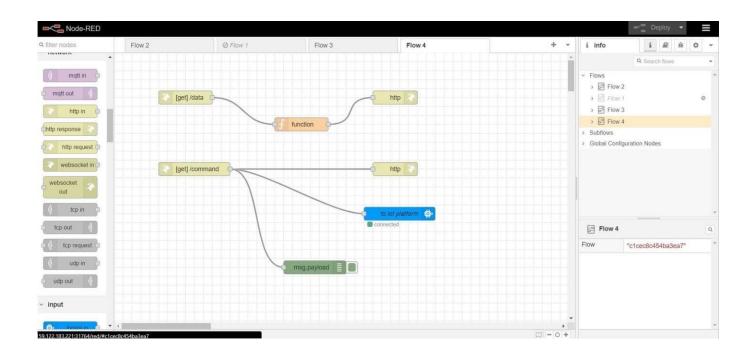
Wokwi Simulation: https://wokwi.com/projects/348178332935782994

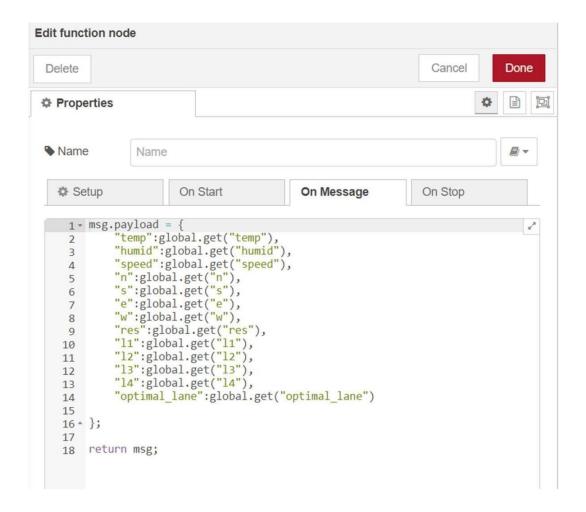


IoT Device – IoT Platform



Node Red – Connect with MIT AppInventor





Output from Node red:

MIT App Inventor UI design:



```
when Clock1 . Timer
do set (Web) . Units to http://159.122.183.221:31764/data
   call (Web112) .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 (humid data . . (Text . to ( look up in pairs key ) (humid)
                                             pairs call Web113 .JsonTextDecode
                                                                       jsonText | get responseContent +
                                                     . .
    set speed data . Text to book up in pairs key
                                                    speed
                                             pairs call Web1 JsonTextDecode
                                                                       jsonText | get responseContent -
                                         notFound ***
    set cirection data . Texter to look up in pairs key res
                                              pairs call Web1 JsonTextDecode
                                                                         jsonText | get responseContent +
    set optillane data . Text to look up in pairs key optimal ane
                                               pairs call Web1 JsonTextDecode
                                                                         jsonText | get responseContent *
                                           notFound " " " " "
    set lane data . Text to ( ) join ( look up in pairs key ( )
                                                    pairs call (Web11 JsonTextDecode
                                                                               jsonText get responseContent •
                                                 notFound " " " "
                                         . .
                                         look up in pairs key [ *(2)*
                                                    pairs call (Web) JsonTextDecode
                                                                               jsonText get responseContent ·
                                                 notFound * * * *
                                         . .
                                        look up in pairs key 🕻 " [3] *
                                                    pairs call Web1 JsonTextDecode
                                                                               jsonText get responseContent •
                                                 notFound
                                         ...
                                        look up in pairs key 📜 * [4] *
                                                     pairs call Web III .JsonTextDecode
                                                                               jsonText | get responseContent *
                                                 notFound
                                                            . .
```

Sprint 3 delivery:

$(OUTPUT)\ Display\ from\ MIT\ App:$

