# PROJECT DEVELOPMENT PHASE SPRINT-2

Date	12 November 2022
Team ID	PNT2022TMID00923
Project Name	Signs with Smart Connectivity for Better
	Road Safety

# **SPRINT-2:**

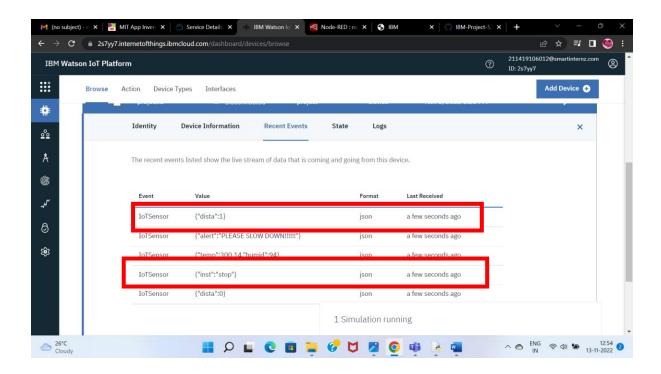
- In sprint-2, we have developed a python code using random function to generate random values for distance between user and the vehicle ahead.
- We have also implemented a condition such that, if distance is less than 20, then it displays a warning like "STOP". The user can either try with different direction or can take diversion
- This helps in reducing accidents ,to avoid clashes and to promote safe driving experience.

### **PYTHON CODE:**

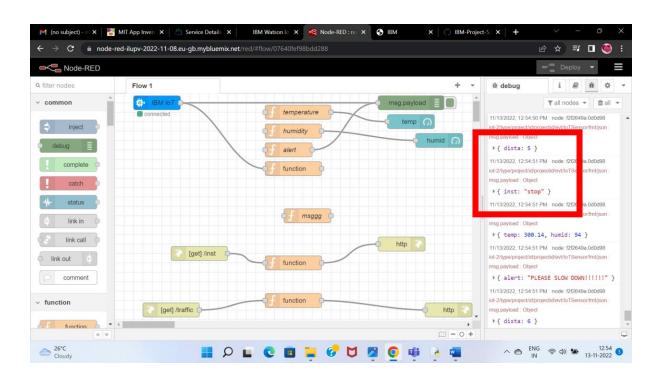
```
dist=random.randint(0,50)
dis={'dista':dist}

if(dist<20):
    insta={'inst':'stop'}</pre>
```

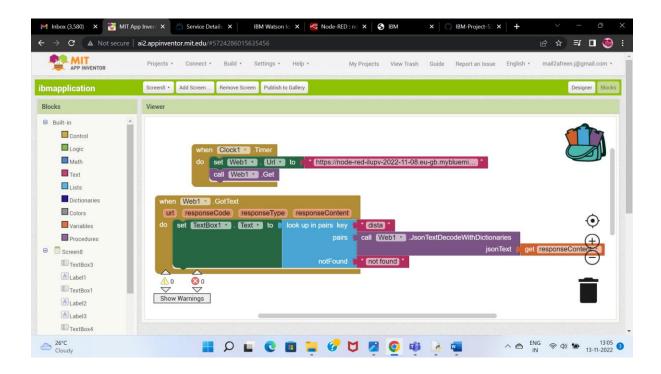
#### **IBM IOT WATSON PLATFORM:**



#### **NODE-RED:**



#### **MIT APP INVENTOR:**



## **USER APP SCREENSHOT:**



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IF DISTANCE IS BELOW 20

**STOP** 

TRY MOVING IN DIFFERENT DIRECTION

**OR TAKE DIVERSION** 

BACK