## PROJECT DEVELOPMENT PHASE

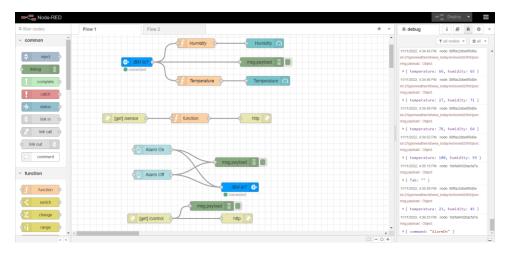
## **DELIVERY OF SPRINT-3**

Date	7 November 2022
Team Id	PNT2022TMID01159
Project Name	Hazardous area monitoring for
	industrial power plants using IOT.

## SPRINT 3: MIT Application Inventor

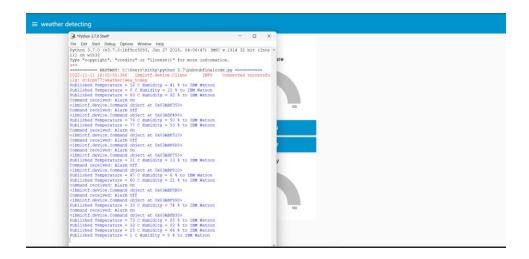
\* Building an application for our project using MIT application, designing the model and testing the application.

STEP 1: Connecting required nodes in the Node-red platform.

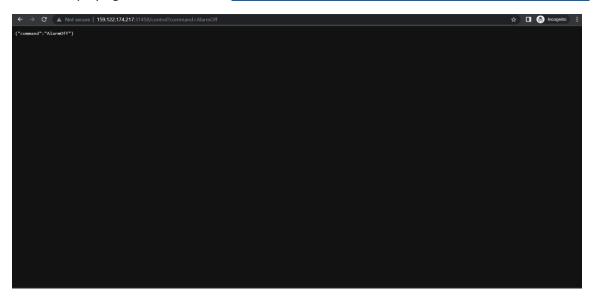


Display link: <a href="http://159.122.174.217:31458/ui">http://159.122.174.217:31458/ui</a>

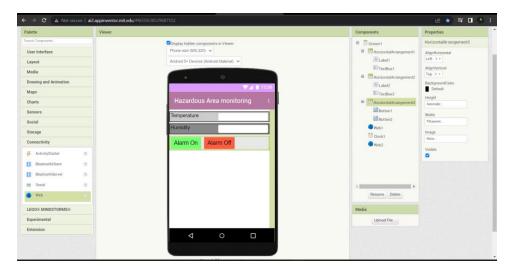




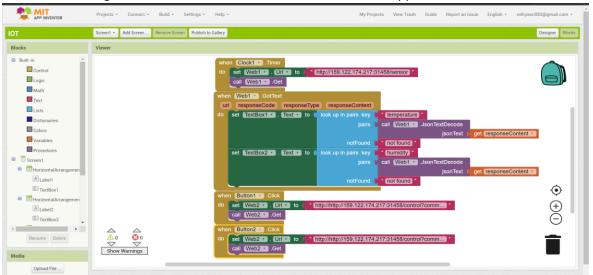
STEP 2: Displaying Alarm condition <a href="http://159.122.174.217:31458/control?command=AlarmOn">http://159.122.174.217:31458/control?command=AlarmOn</a>



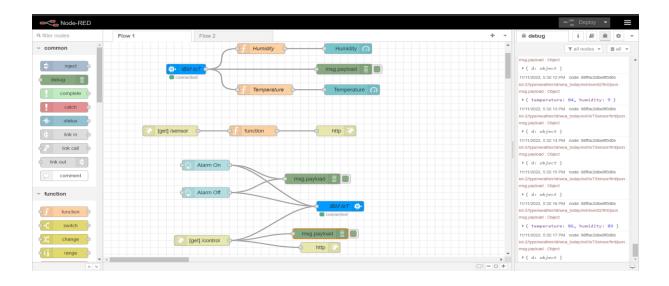
STEP 3: Connecting with the MIT Application Inventor to display temperature, humidity and alarm condition.

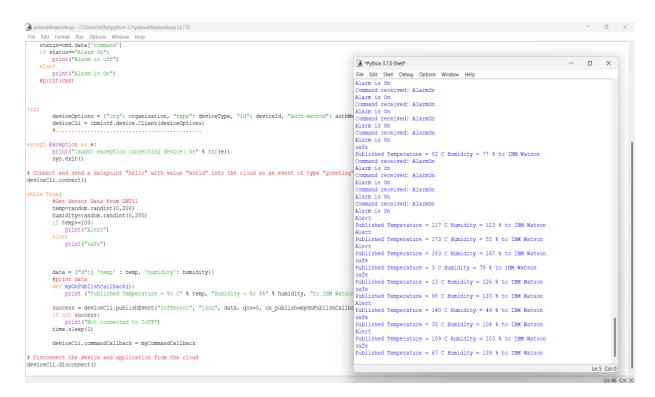


STEP-4: Attaching web link with the connected blocks in the MIT application inventor



STEP-5: Detecting high temperature and displaying "ALERT" message in the MIT application.





STEP 6: Downloading apk file and building mobile application using python script for sensing temperature for hazardous area monitoring conditions in industrial areas.



