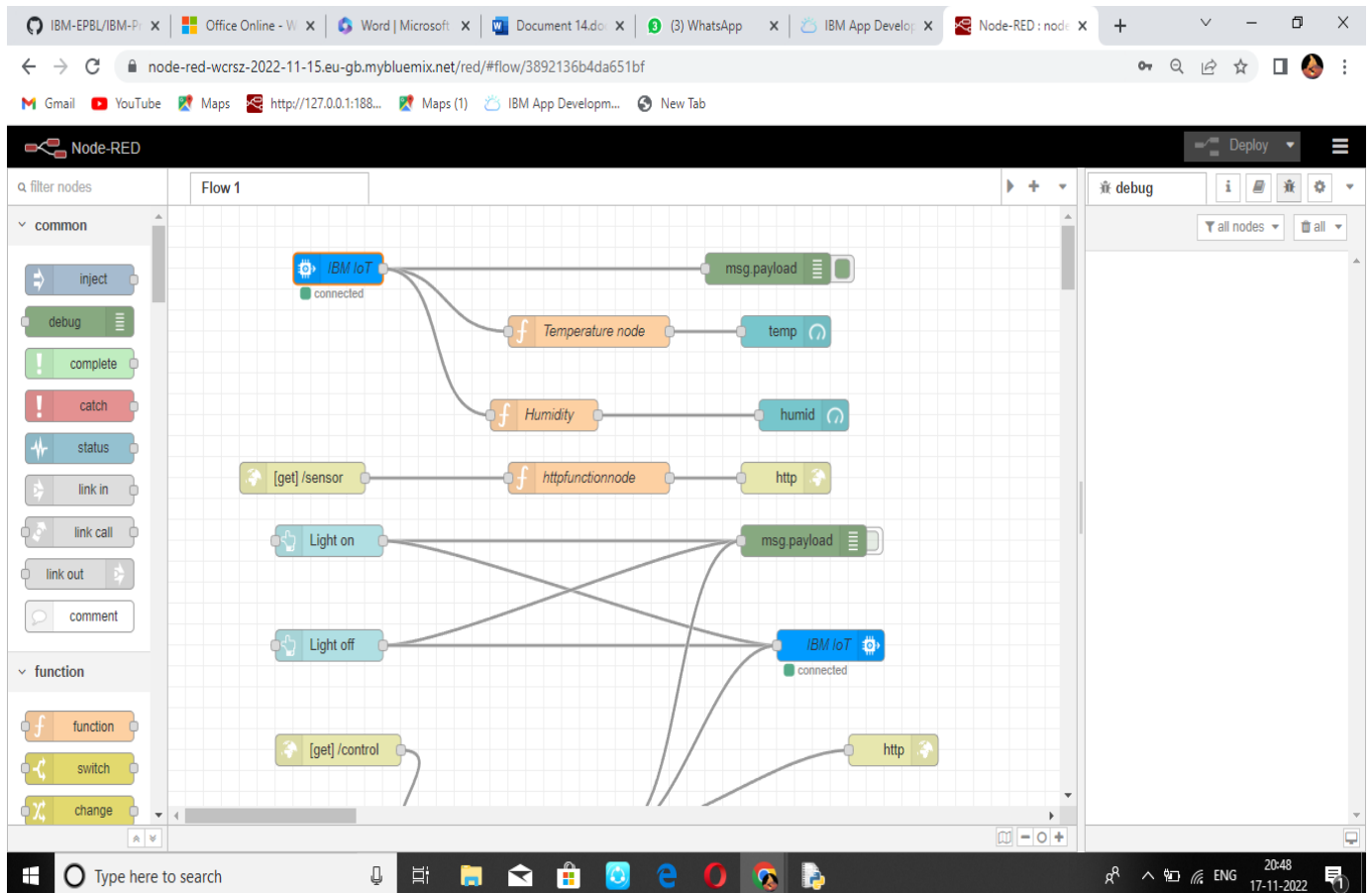


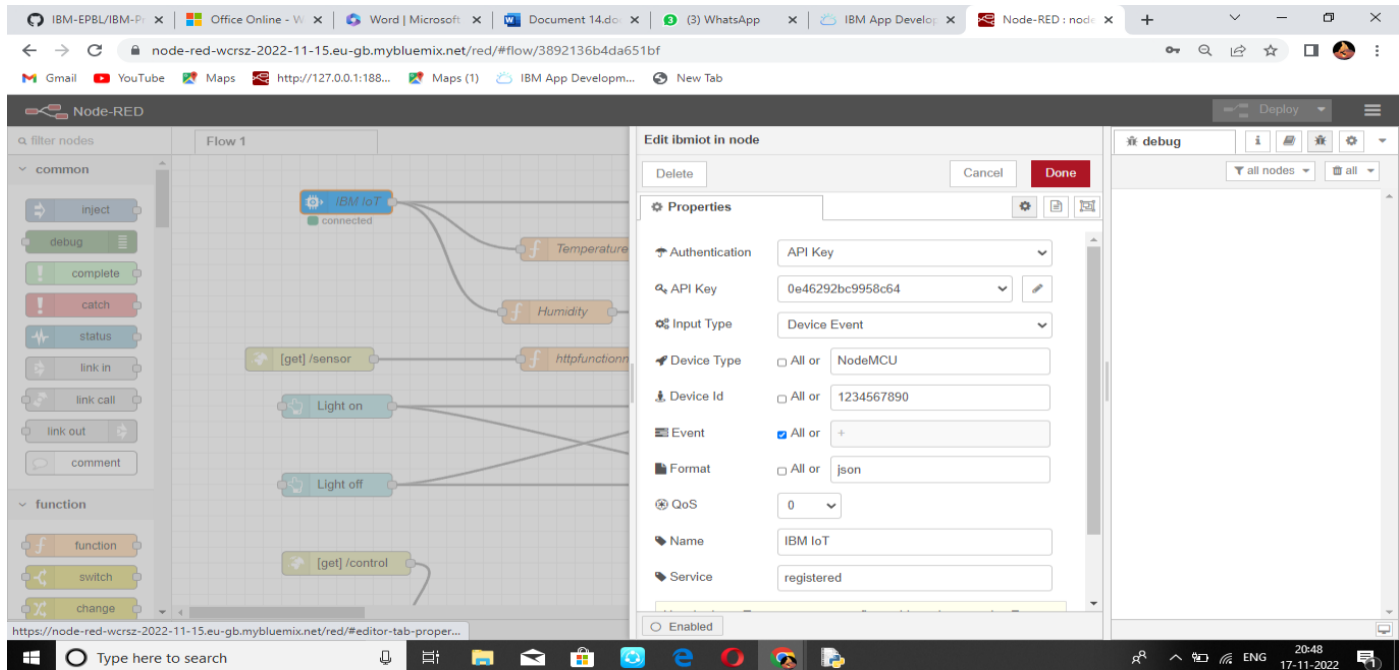
SPRINT-4

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID46164
PROJECT NAME	SMART FARMER-IOT ENABLED SMART FARMING APPLICATIONS

BUILD A WEB APPLICATION USING NODE-RED

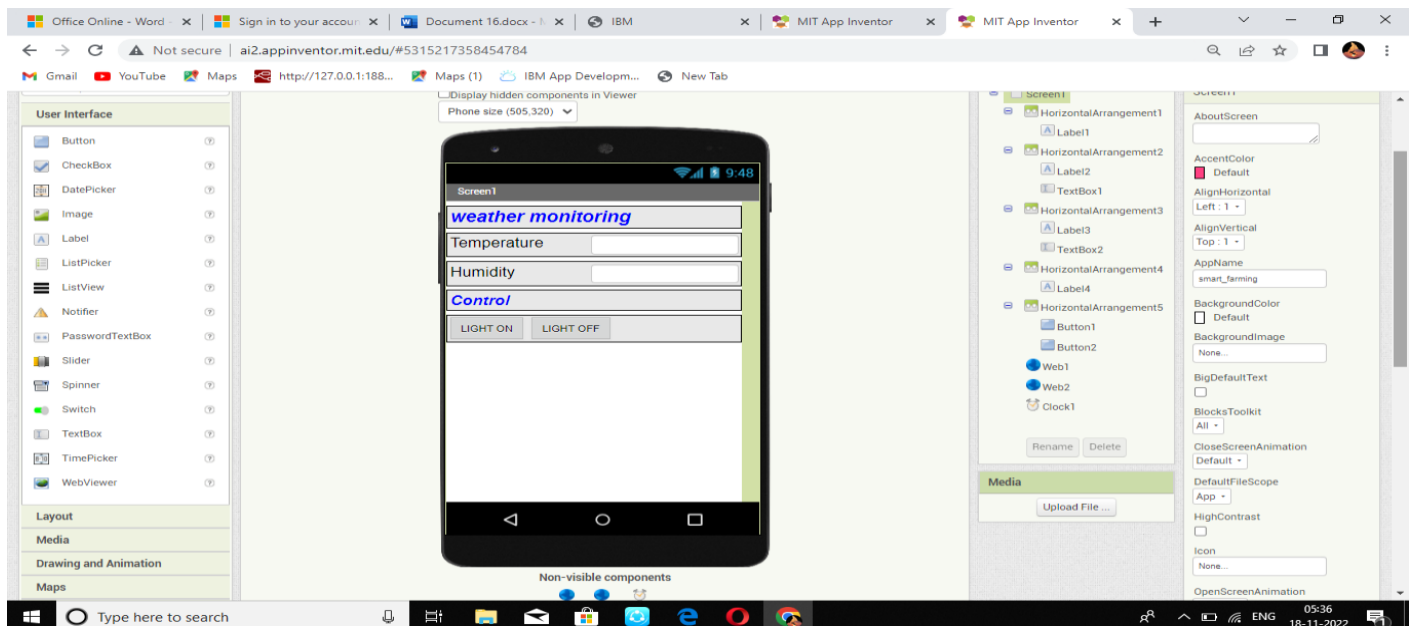
- ★ Build a web application using node-red, configure the node-red and create API for communicating with a mobile application.





DEVELOP A MOBILE APPLICATION

- ★ Develop the mobile application using MIT app inventor which should display all the sensor parameters and have the buttons to control the motors.



IBM Clo x Node-Ri x IBM Wat x Node-Ri x MIT App x MIT App x https://r x https://r x W New ES x IBM-EPE x +

Not secure | ai2.appinventor.mit.edu/#5315217358454784

Gmail YouTube Maps http://127.0.0.1:188... Maps (1) IBM App Develop...

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smart_farming Screen1 Add Screen Remove Screen Publish to Gallery Designer Blocks

Blocks

- Procedures
- Screen1
 - HorizontalArranger
 - Label1
 - HorizontalArranger
 - Label2
 - TextBox1
 - HorizontalArranger
 - Label3
 - TextBox2
 - HorizontalArranger
 - Label4
 - HorizontalArranger
 - Button1
 - Button2
 - Web1
 - Web2
 - Clock1

Media

Viewer

when Clock1 - Timer

do

- set Web1 - Url to https://node-red-wcrsz-2022-11-15-eu-gb.mybluemix.net
- call Web1 - Get

when Web1 - GotText

url responseCode responseType responseContent

do

- set TextBox1 - Text to look up in pairs key temp pairs call Web1 - JsonTextDecode jsonText get responseContent
- notFound not found
- set TextBox2 - Text to look up in pairs key humid pairs call Web1 - JsonTextDecode jsonText get responseContent
- notFound not found

when Button1 - Click

do

- set Web2 - Url to https://node-red-wcrsz-2022-11-15-eu-gb.mybluemix.net
- call Web2 - Get

Show Warnings

Type here to search

00:53 16-11-2022

IBM Clo x Node-Ri x IBM Wat x Node-Ri x MIT App x MIT App x https://r x https://r x W New ES x IBM-EPE x +

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- notFound not found

when Button1 - Click

do

- set Web2 - Url to https://node-red-wcrsz-2022-11-15-eu-gb.mybluemix.net
- call Web2 - Get

when Button2 - Click

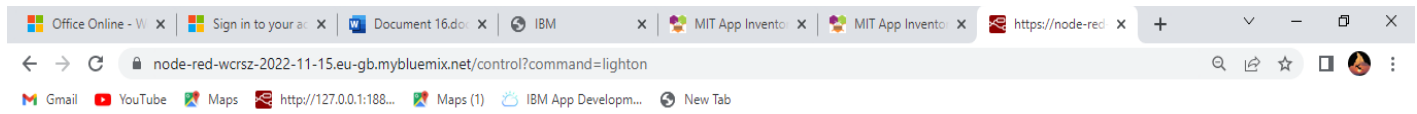
do

- set Web2 - Url to https://node-red-wcrsz-2022-11-15-eu-gb.mybluemix.net
- call Web2 - Get

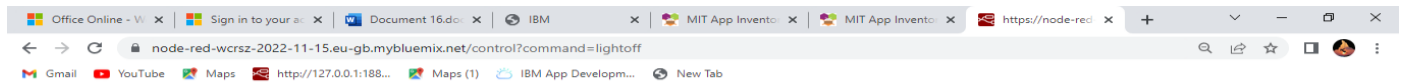
Show Warnings

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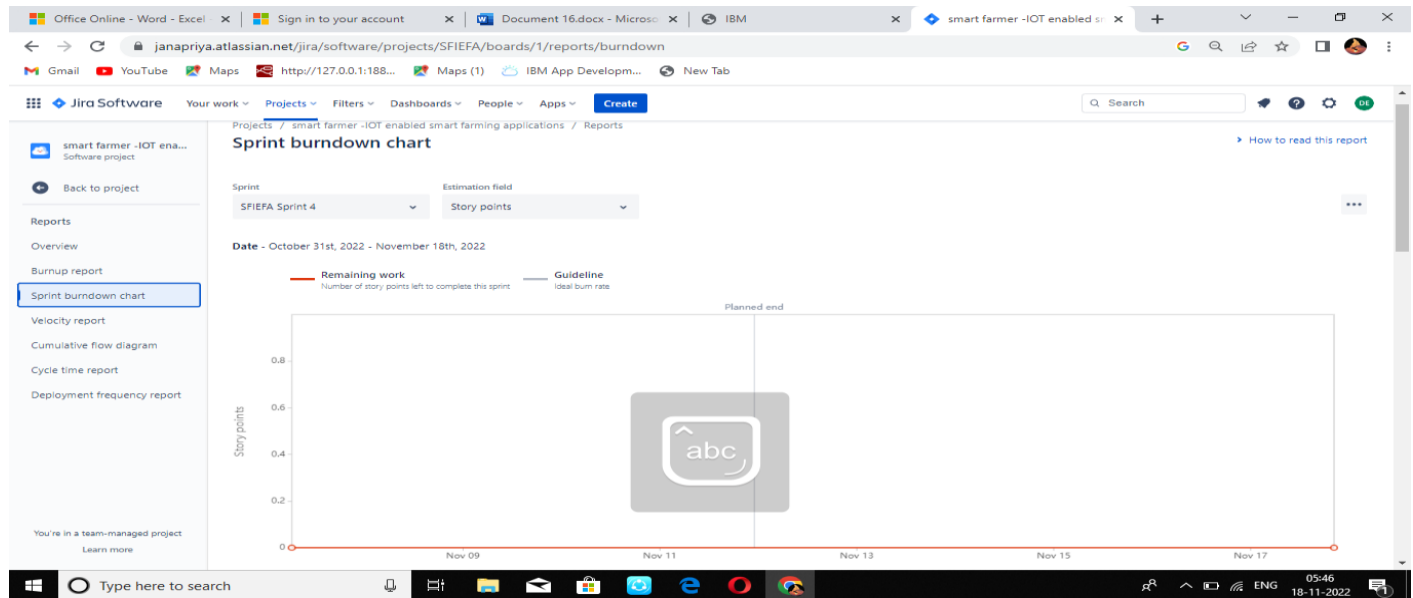
lighton



lighttoff



BURNDOWN CHART:



ROADMAP:

