PANIMALAR ENGINEERING COLLEGE

Safety Gadget for Child Safety Monitoring and Notification

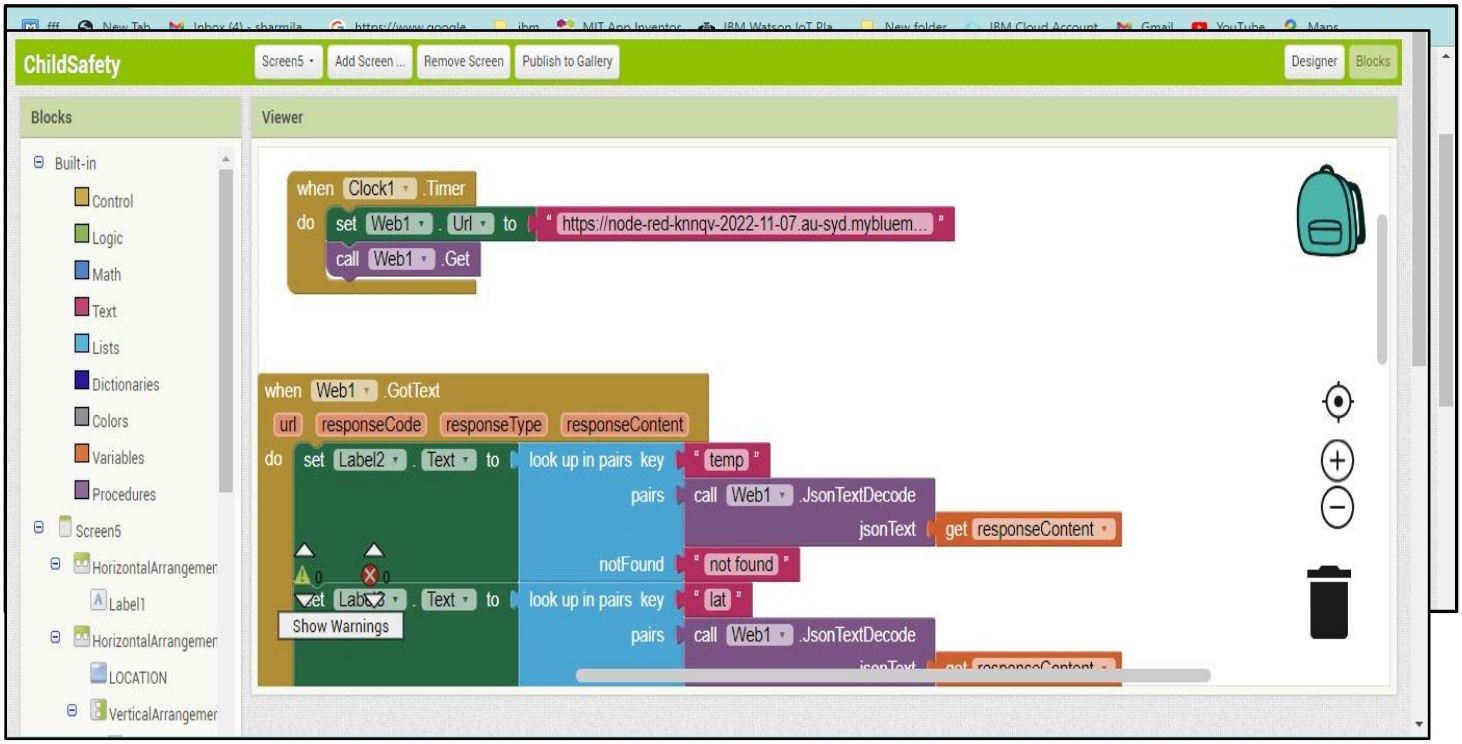
IBM NALAIYATHIRAN

Project Development –Delivery of Sprint 4

Connecting the Node-Red Service and MIT app With Web UI and Show the child location and notify

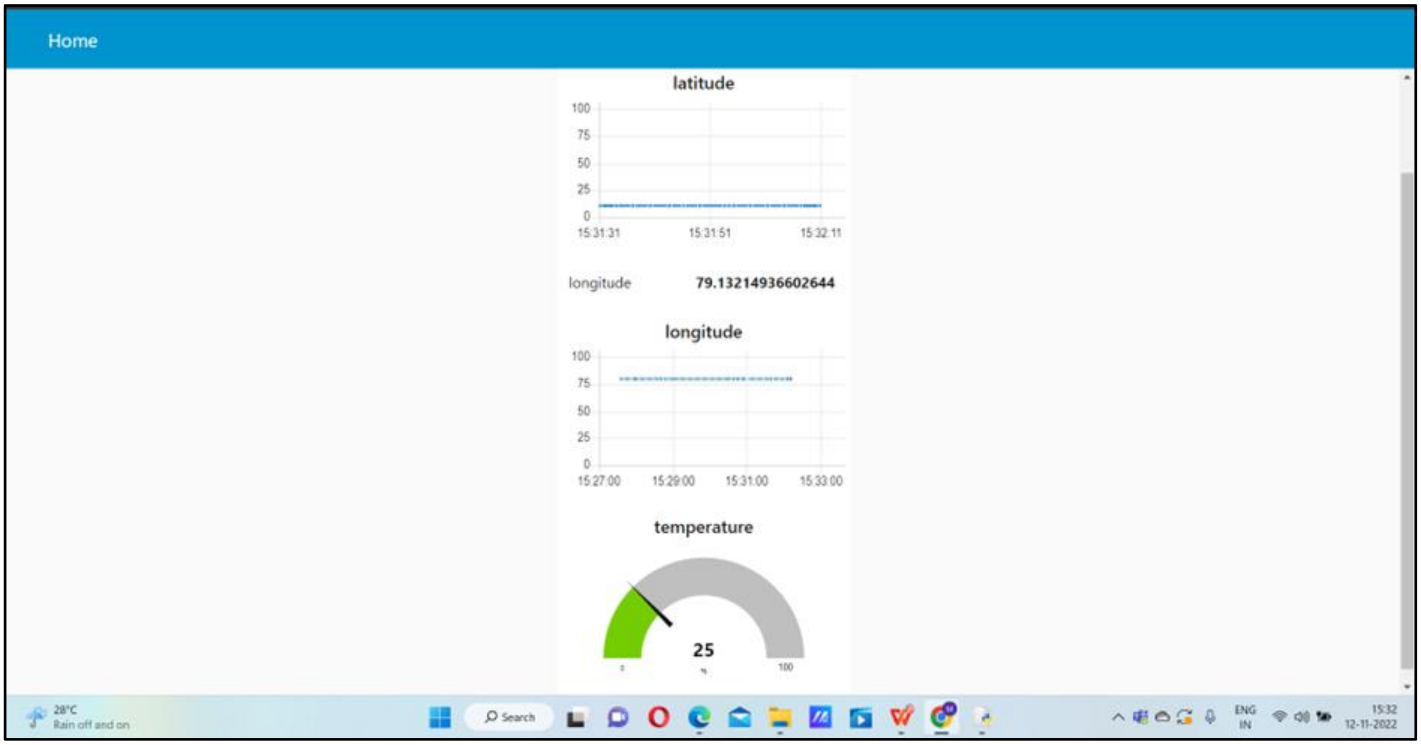
TITLE	IOT based child safety gadget for child safety monitoring and notification
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID01040
TEAM LEADERNAME	KEERTHANA.K
TEAM MEMBER NAME	DURGA DEVI.T MADHUMITHA .G KAVYA.M

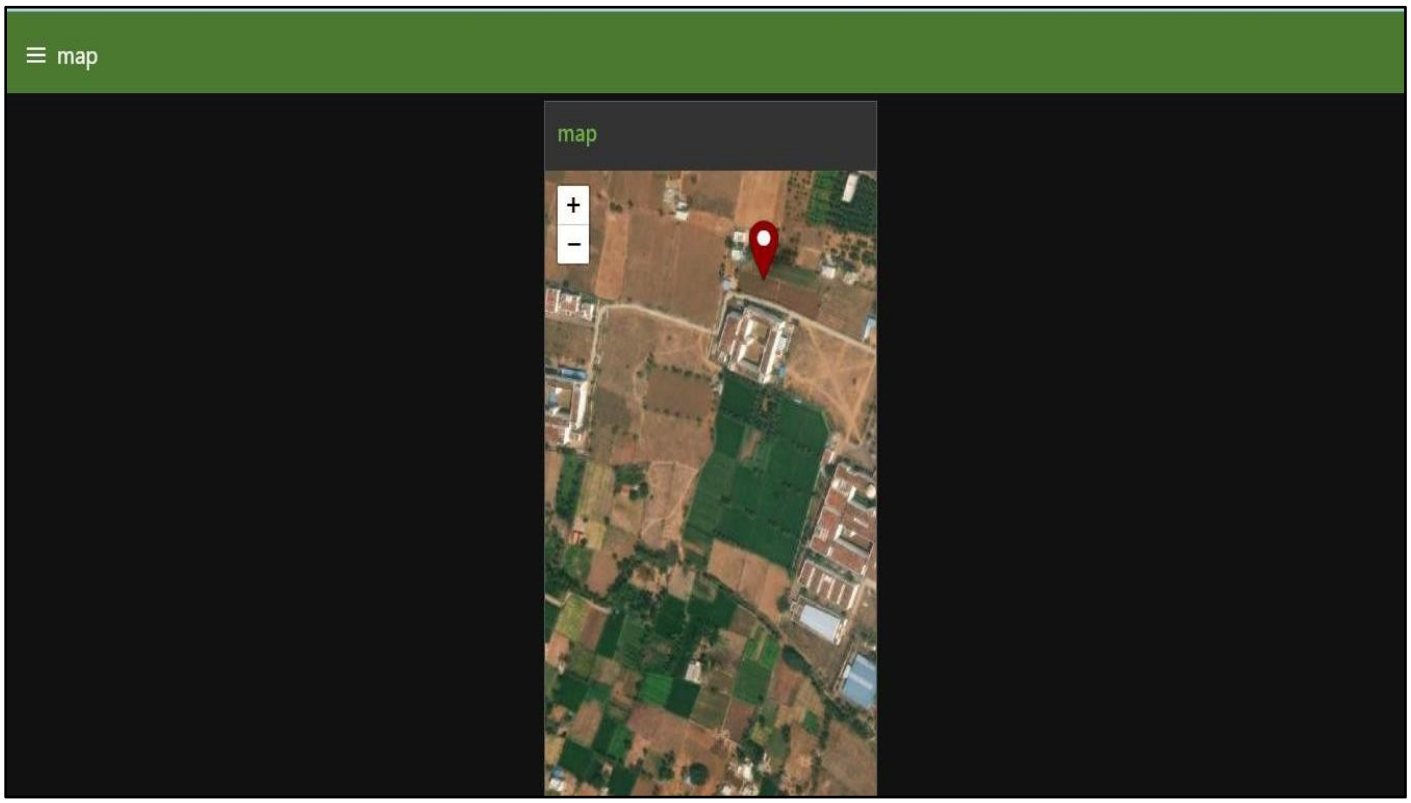
Connect the app with Node-Red Service:




MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
dharshanraj075@gmail.com
ChildSafety
Screen5
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen5
HorizontalArrangemer
Label1
HorizontalArrangemer
LOCATION
VerticalArrangemer
when Web1 .GotText
url
responseCode
responseType
responseContent
do
set Label2 . Text to look up in pairs key " temp "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label3 . Text to look up in pairs key " lat "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label4 . Text to look up in pairs key " lon "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
Show Warnings
when LOCATION .Click

Web UI:


Home
latitude
100
75
50
25
0
15:31:31
15:31:51
15:32:11
longitude
79.13214936602644
longitude
100
75
50
25
0
15:27:00
15:29:00
15:31:00
15:33:00
temperature
25
0
100
28°C
Rain off and on
Search
ENG
IN
15:32
12-11-2022


map
map
+
−