

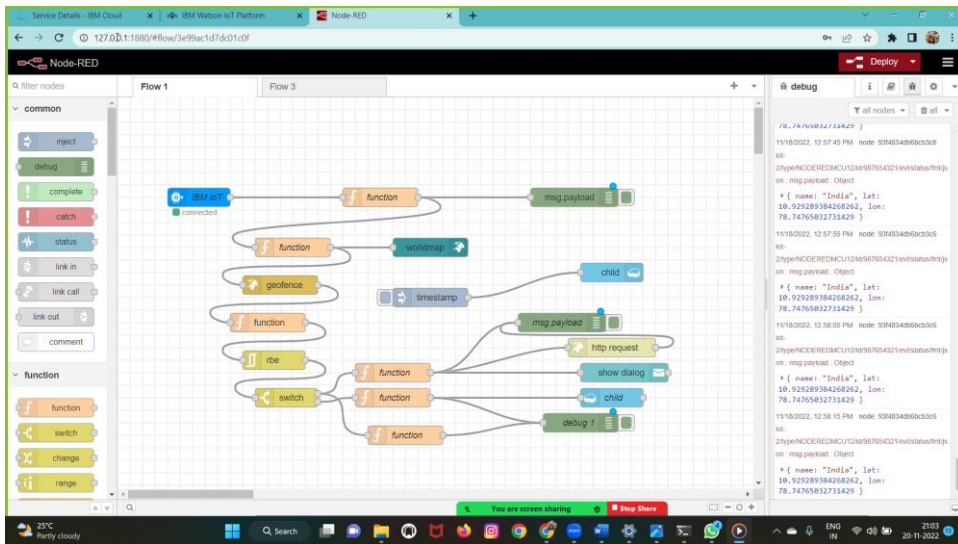
PROJECT DEVELOPMENT PHASE

SPRINT-4

Date	19 NOVEMBER 2022
Team ID	PNT2022TMID46169
Project Name	IOT BASED SAFETY GADGET FOR CHILD MONITORING AND NOTIFICATION

USN-16

Develop the Web application using Node Red



USN-17

Connect to the IBM IoT Platform and get the location and store the data in the Cloudant

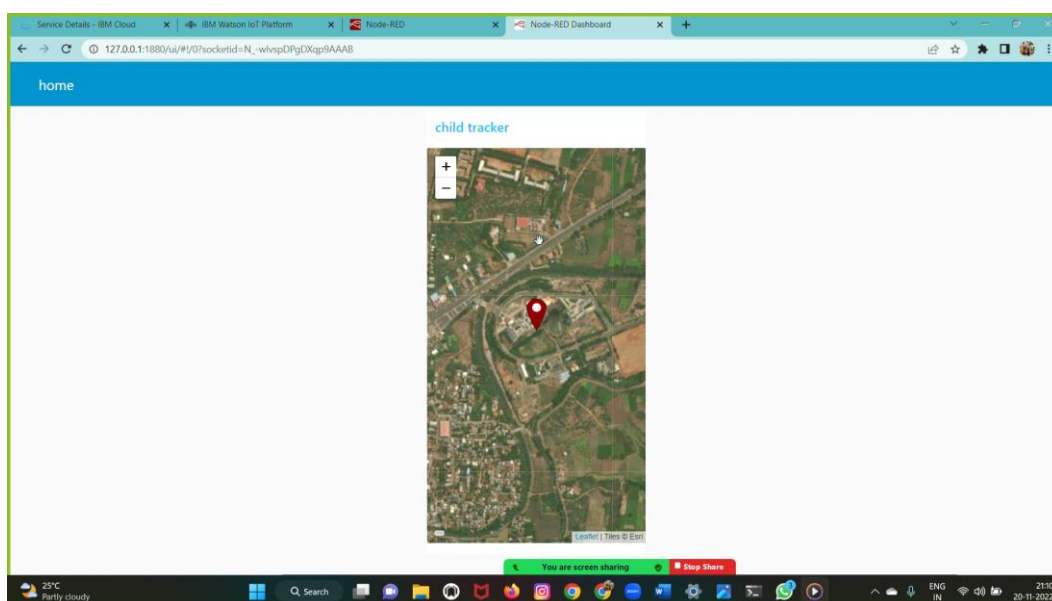
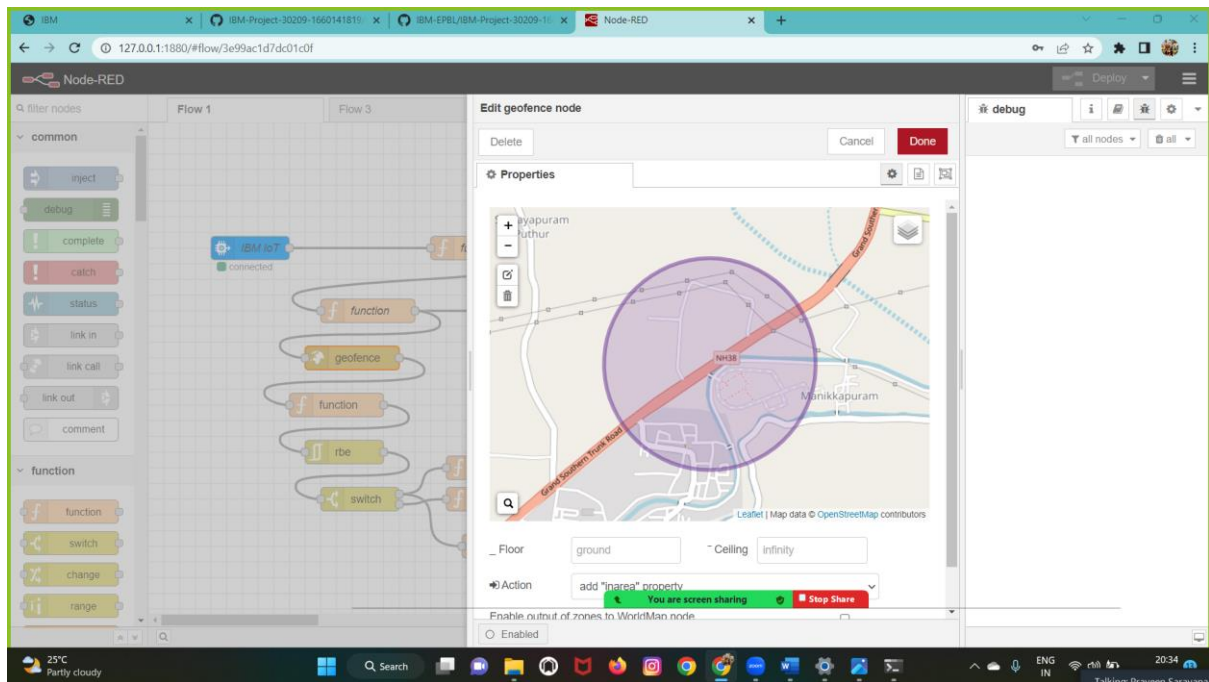
The screenshot shows the Cloudant Dashboard interface. The main view is a table titled 'childtracker\$'. The table has columns for '_id', 'payload', 'topic', 'name', and 'latitude'. The table displays several rows of data, each representing a childtracker record. The first row has an '_id' of '20188bc57b1892813063...' and a 'payload' of '{ "name": "childtracker" }'. The last row has an '_id' of 'd06e107481d3350cf300...' and a 'latitude' of '10.928163814300948'. The interface includes a sidebar with navigation options like 'All Documents', 'Permissions', 'Changes', and 'Design Documents'. The bottom of the interface shows a status bar with 'Showing 5 of 7 columns' and 'Showing document 1 - 6'.

_id	payload	topic	name	latitude
20188bc57b1892813063...	{ "name": "childtracker" }			
64613f3c369ca9556a35...	{ "name": "childtracker" }			
7c0d0c702090b48454a8d...	{ "name": "childtracker" }			
aaa5a98790c176f6124f8...	{ "name": "childtracker" }			
b7298c89968033bc2f56...	{ "name": "childtracker" }			
d06e107481d3350cf300...		childtracker		10.928163814300948

USN-18 & 19

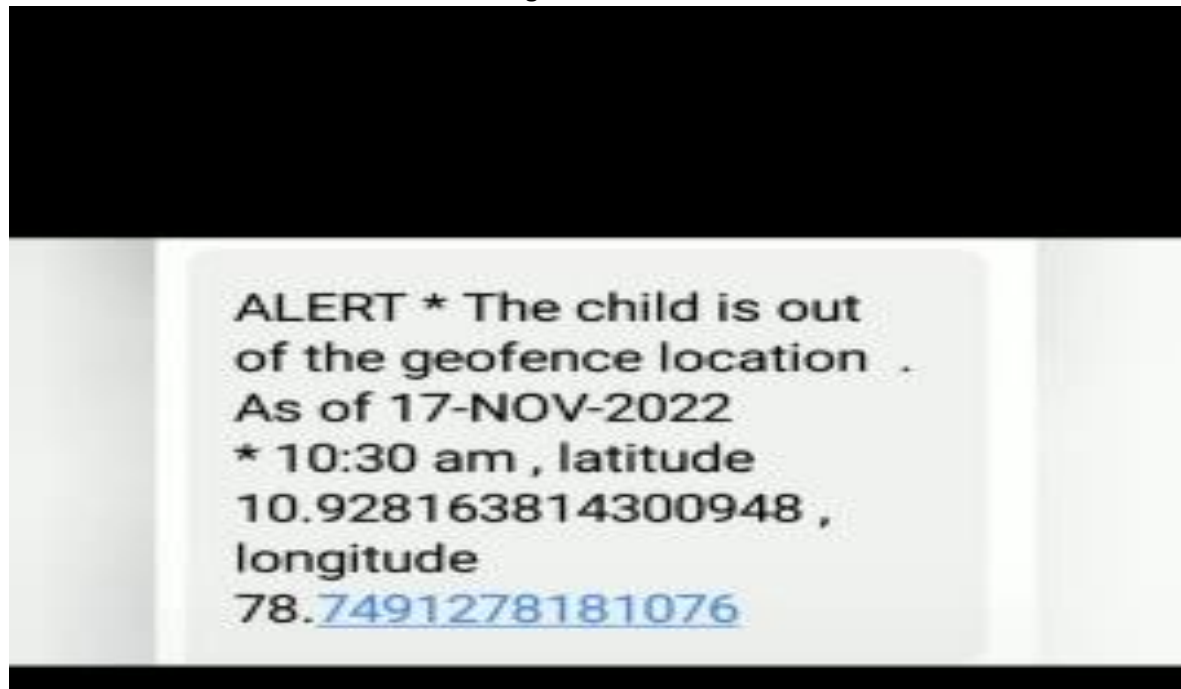
Create the geofence and Google map for Location identification &

Integrate the geofence and Google map to check if the child is inside or outside the geofence

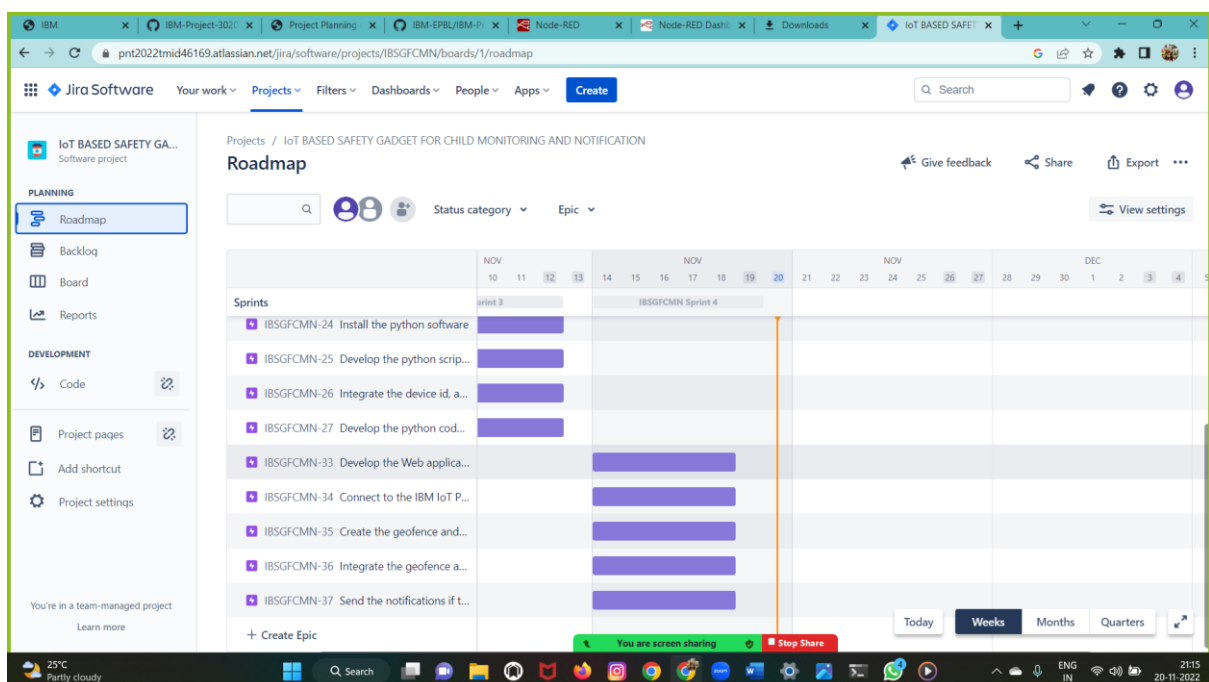


USN- 20

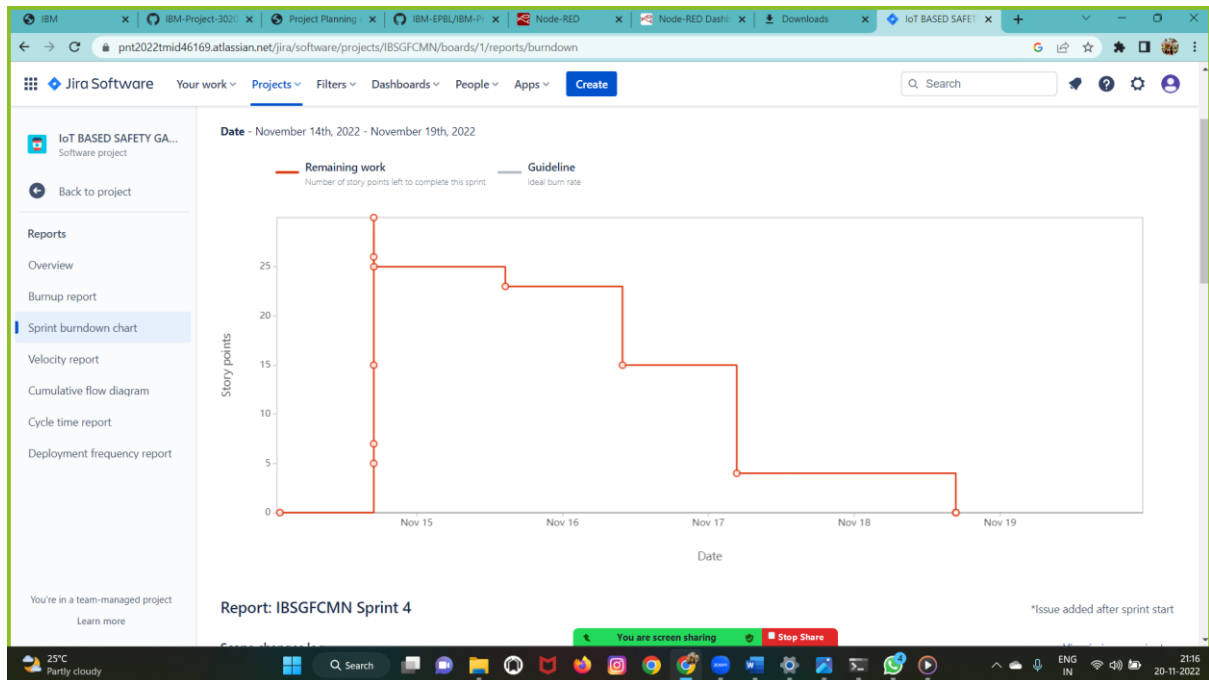
Send the notifications if the child is outside the geofence



Road map



Burnout chart



Velocity report

