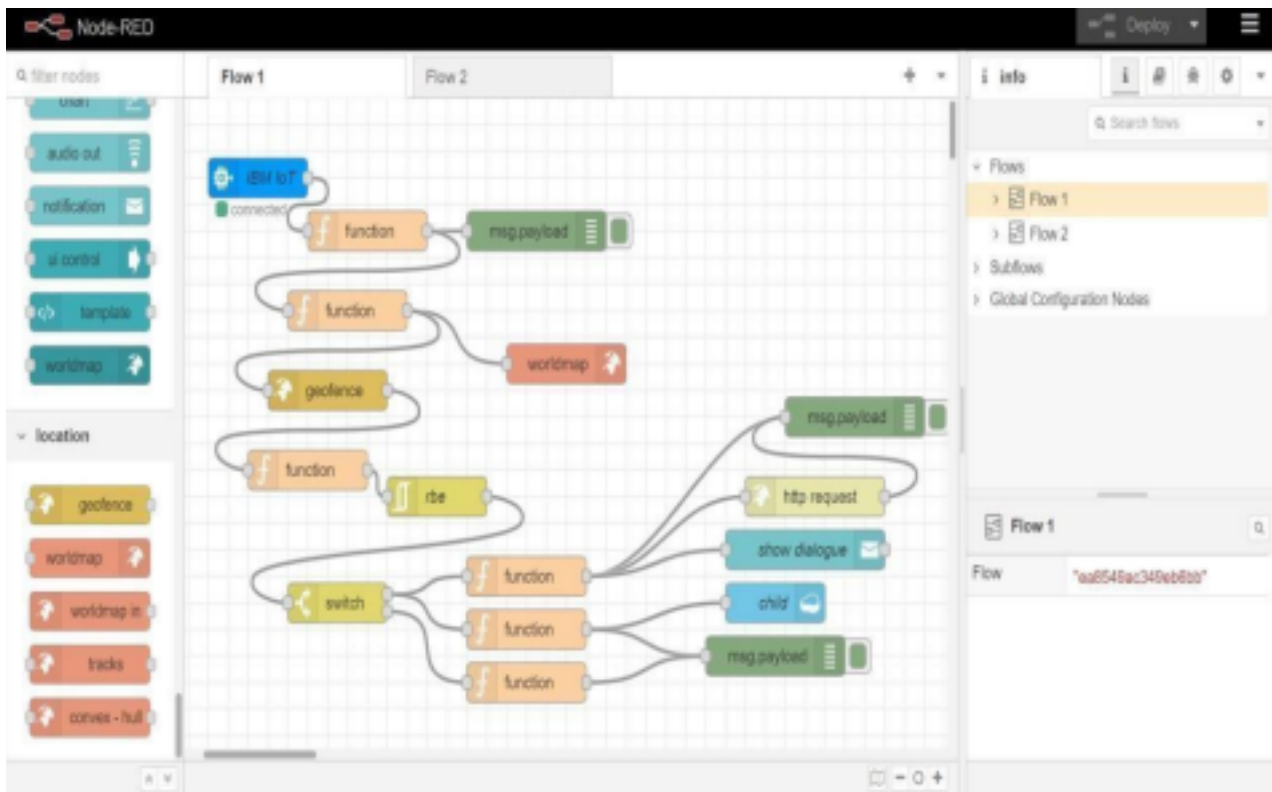


Project Development Phase SPRINT-3

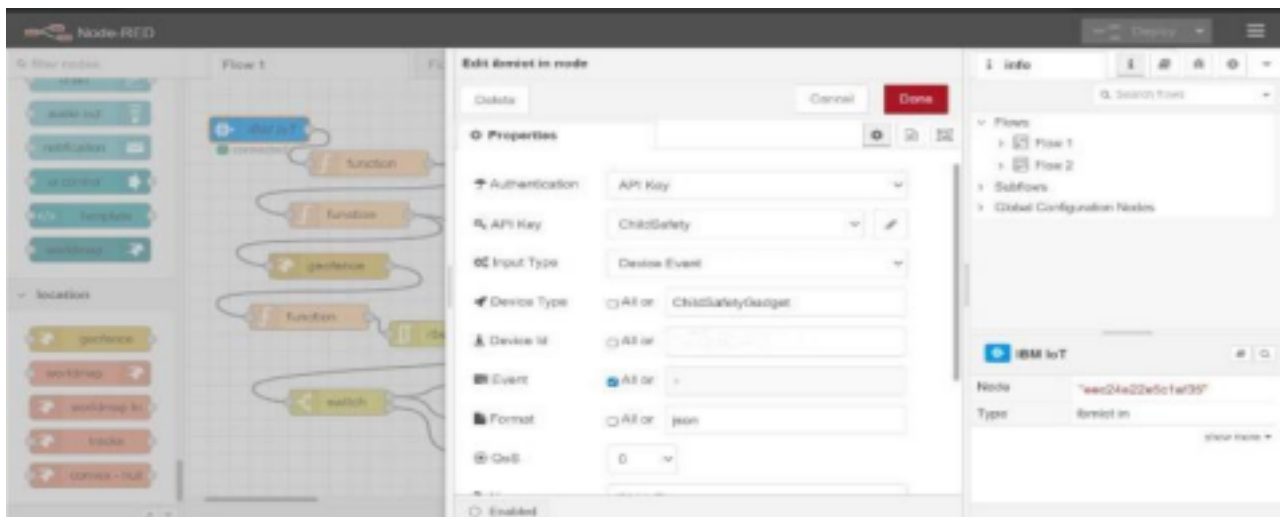
Date	8 November 2022
Team ID	PNT2022TMID02092
Project Name	Project - IOT Based Safety Gadget for ChildSafety Monitoring&Notification

NODE RED-Cloudant DB Communication:

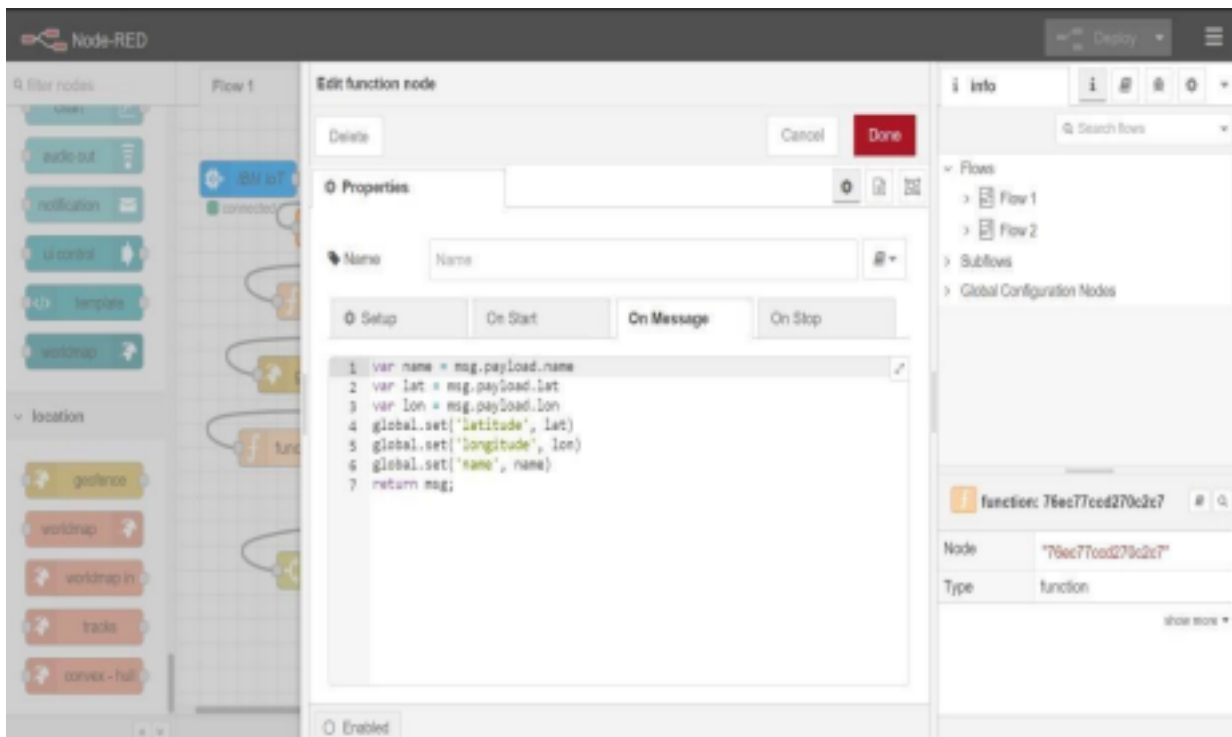
Step 1:Connections



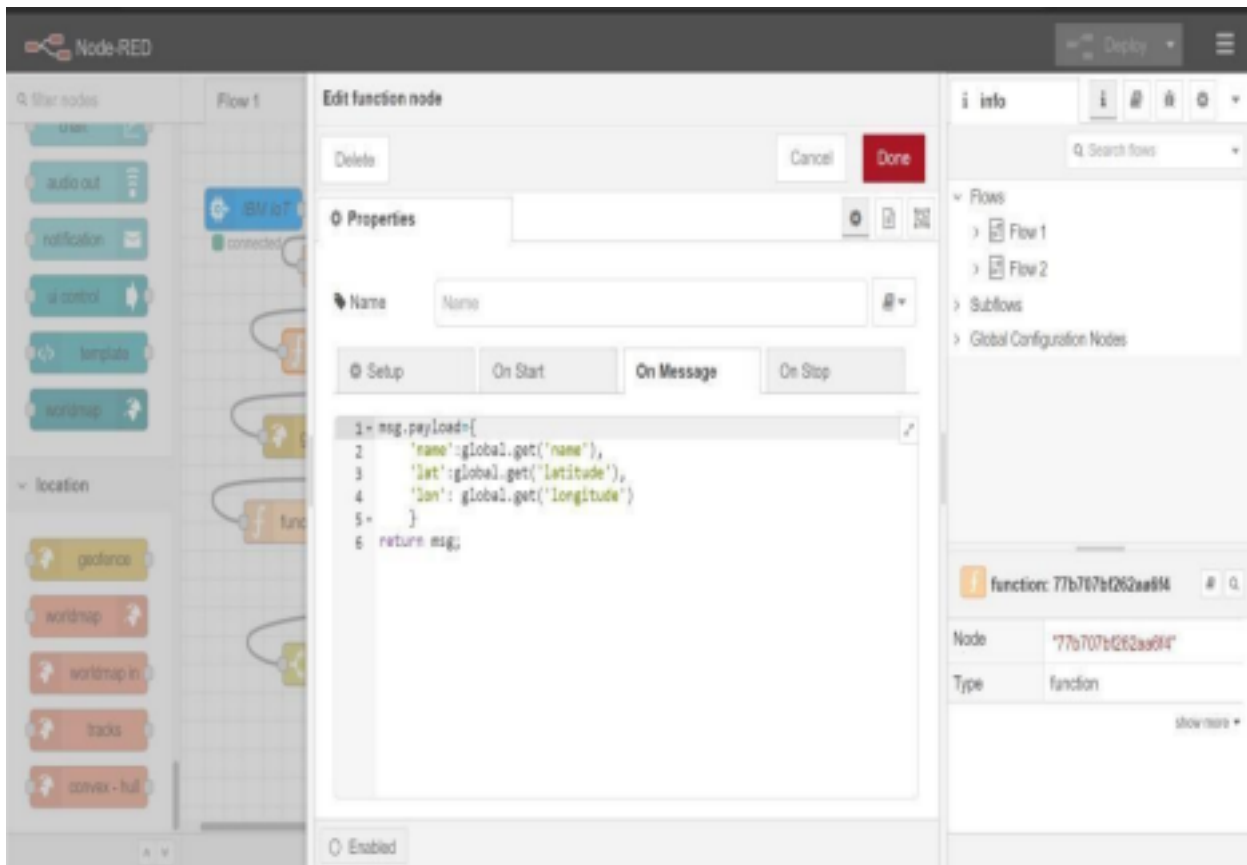
Step 2: Code in nodes



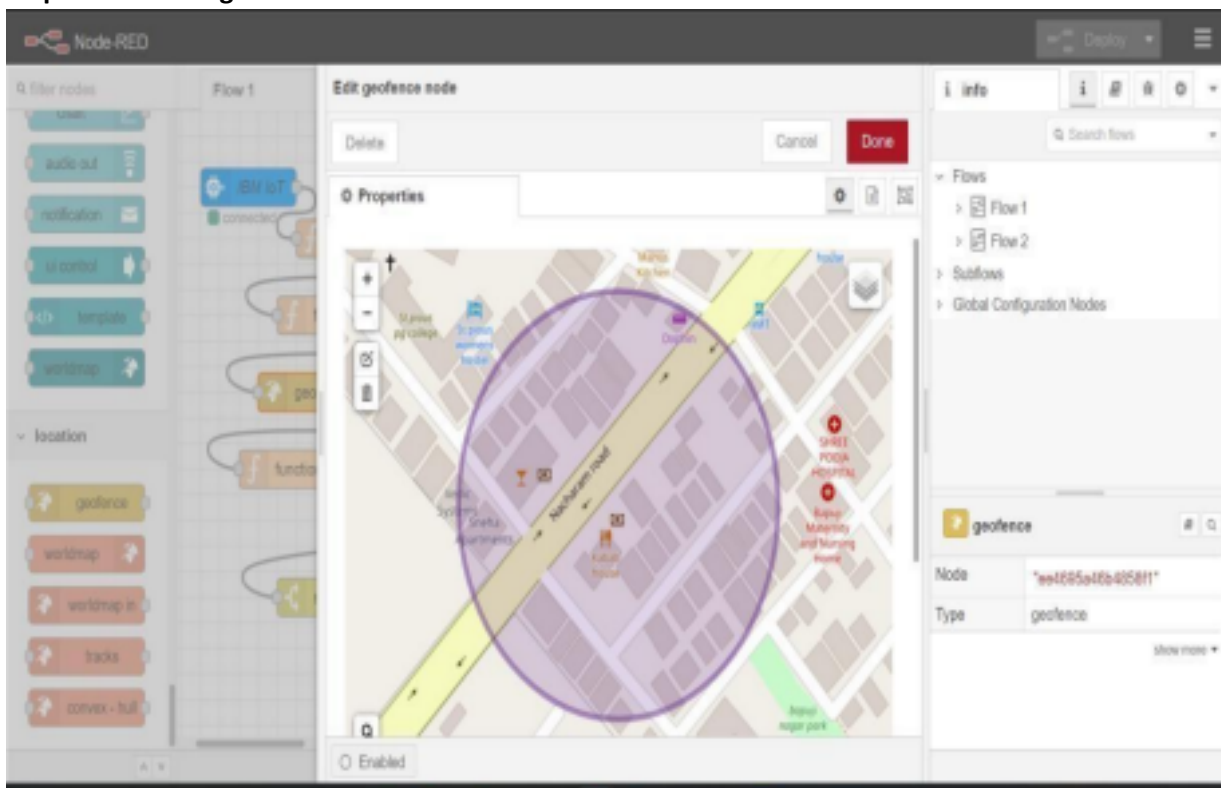
Step 3:Edit function mode(code)



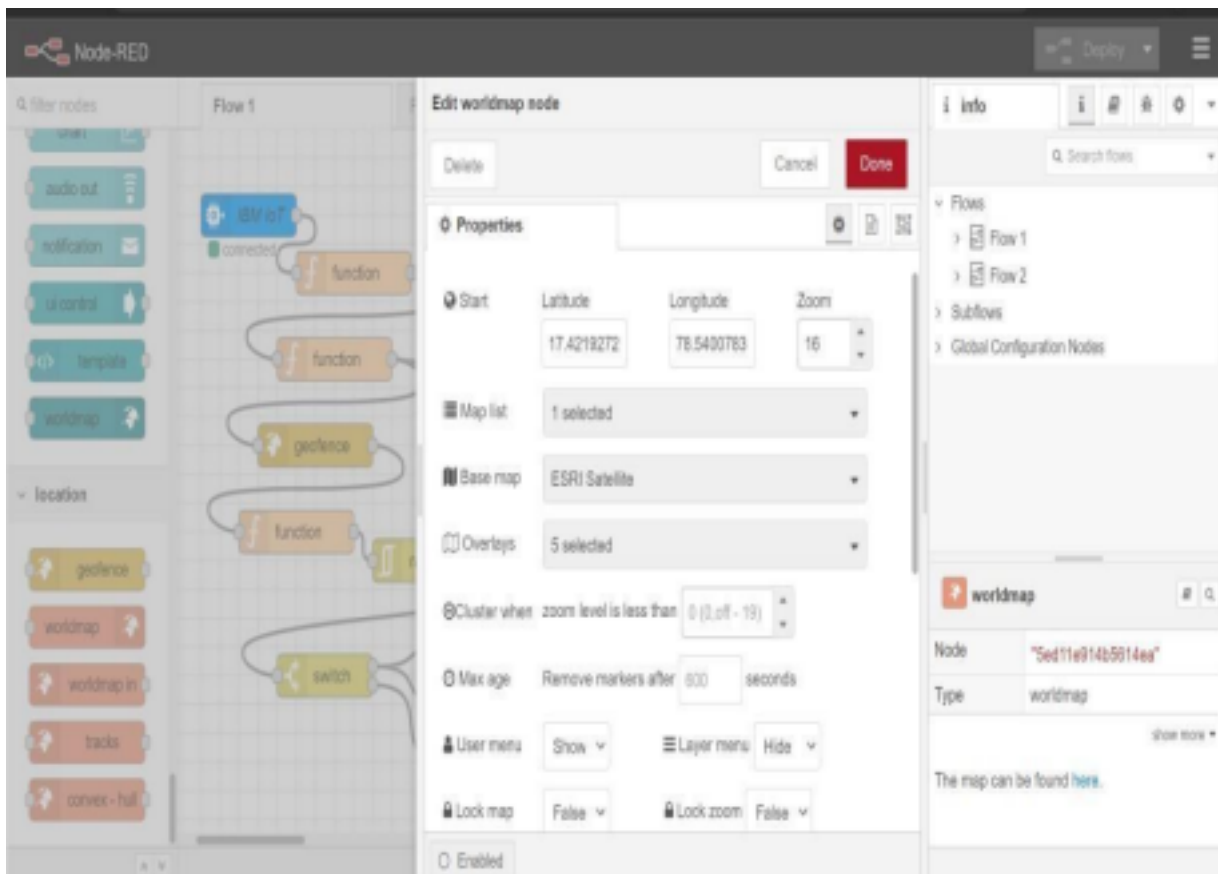
Step 4:



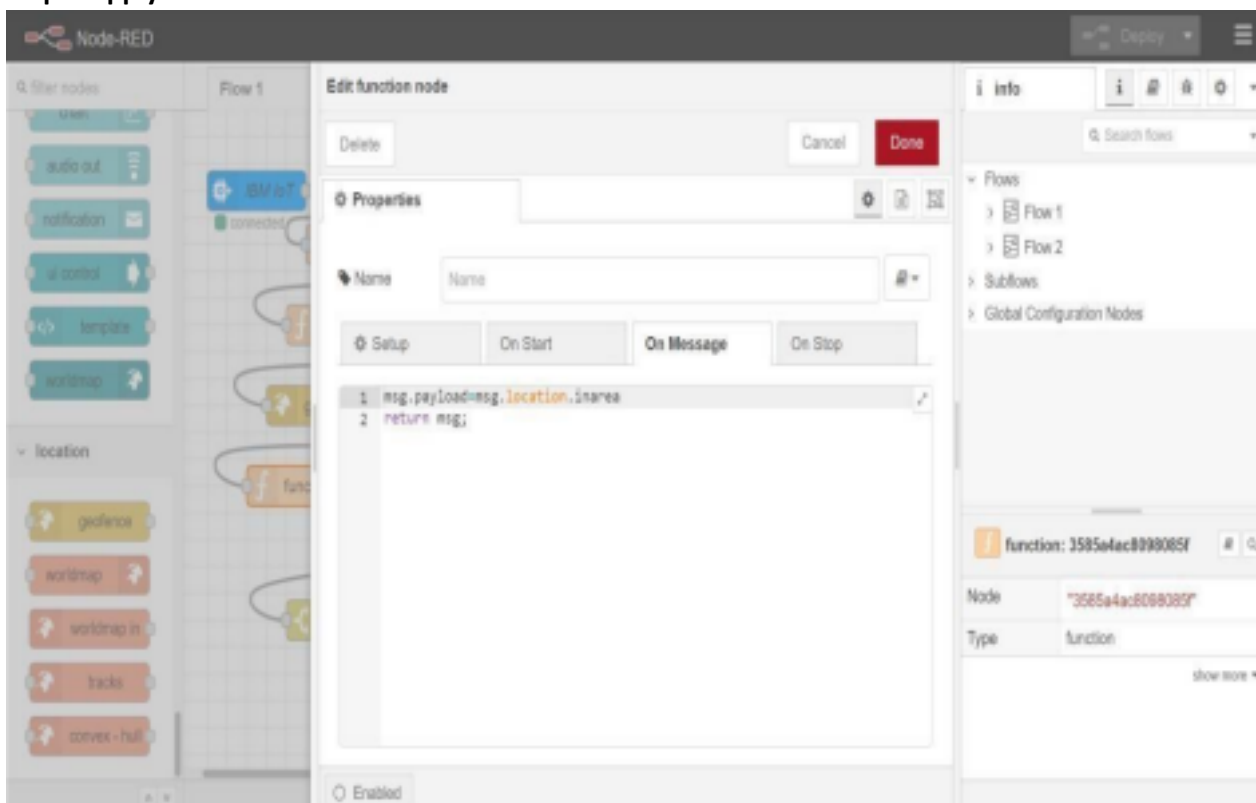
Step 5: Geofencing mode



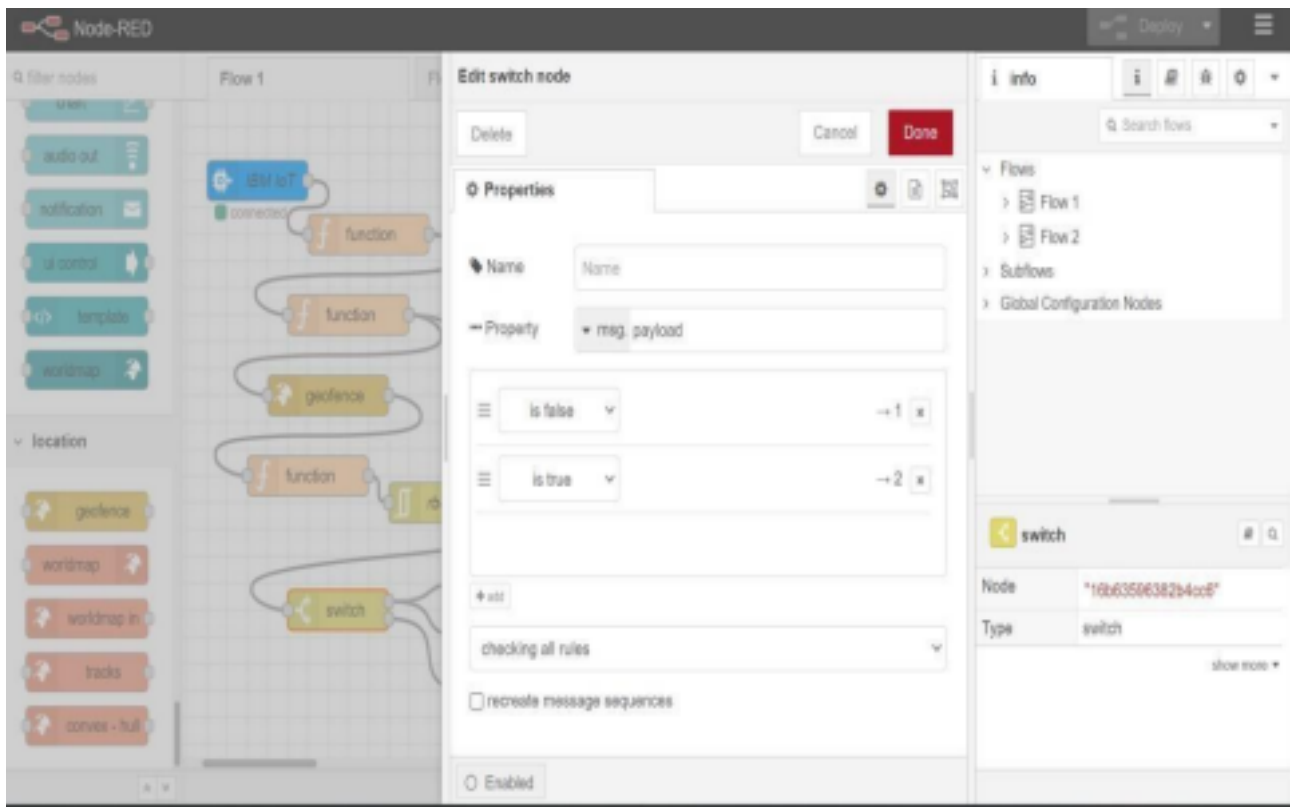
Step 6: Worldmap node with properties



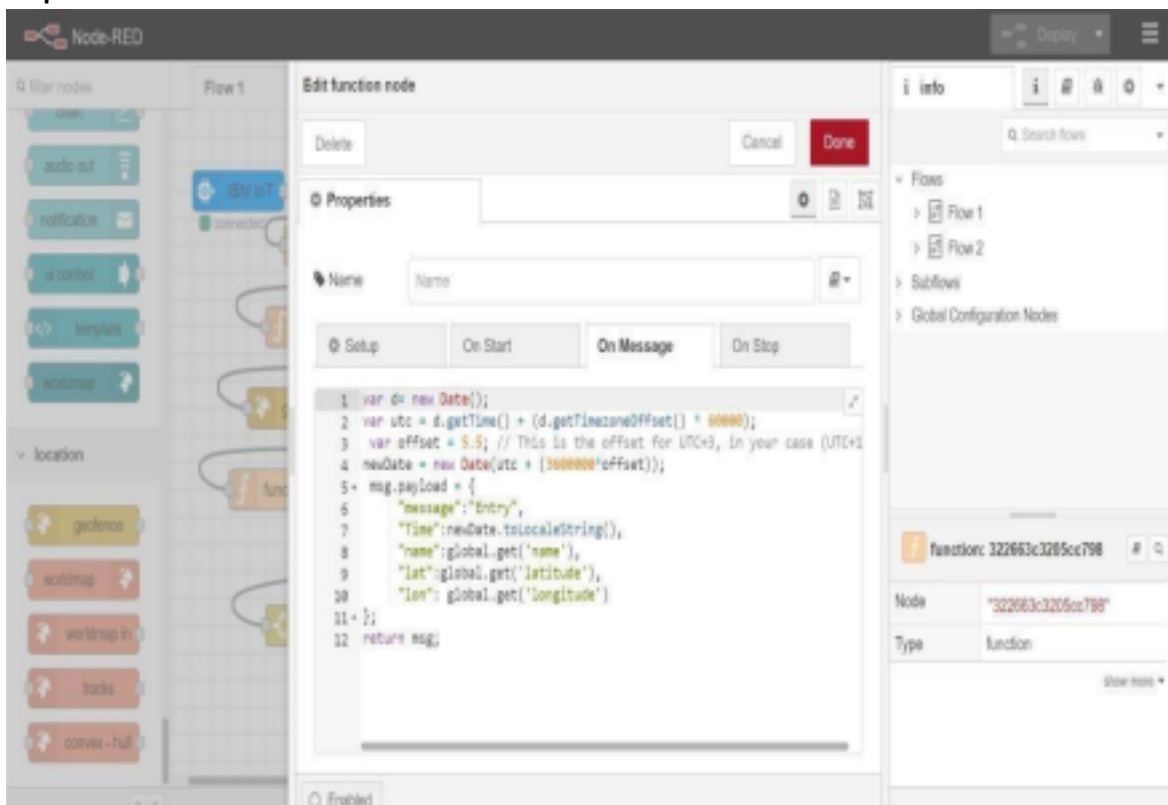
Step 7:Apply the code with different node



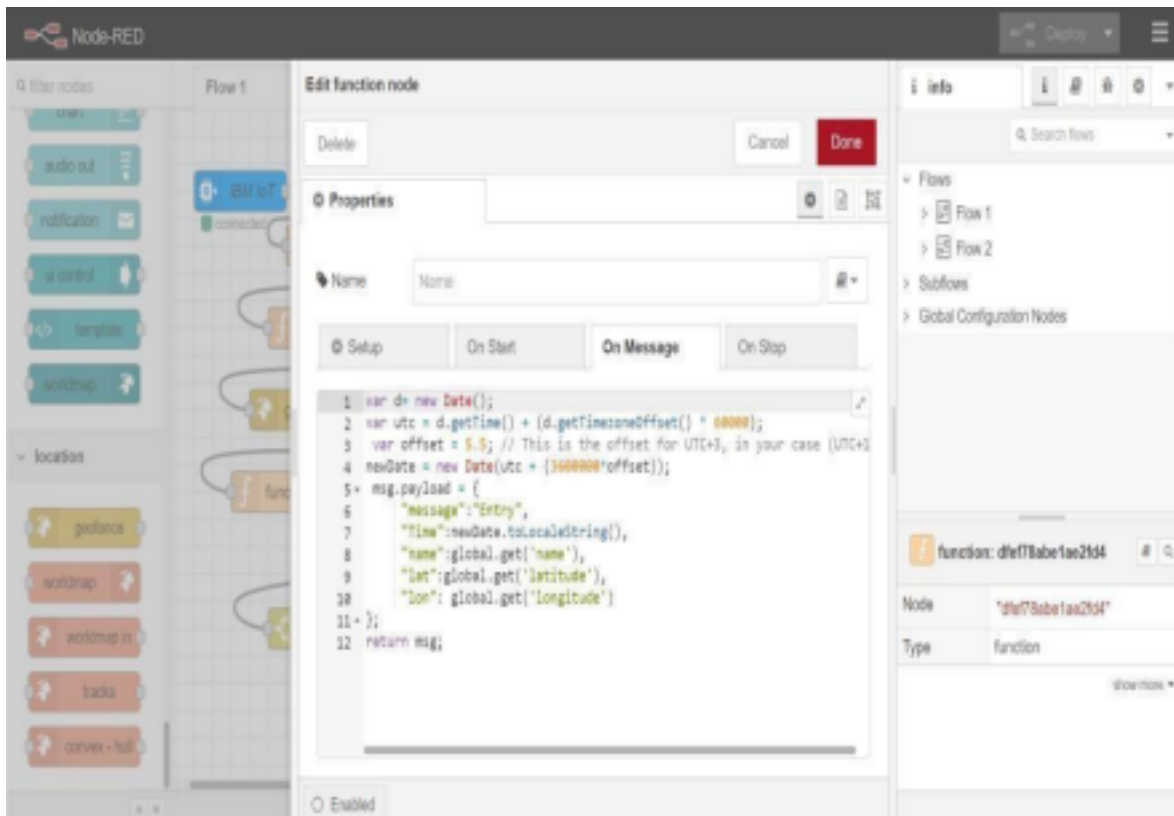
Step 8:Code with different node



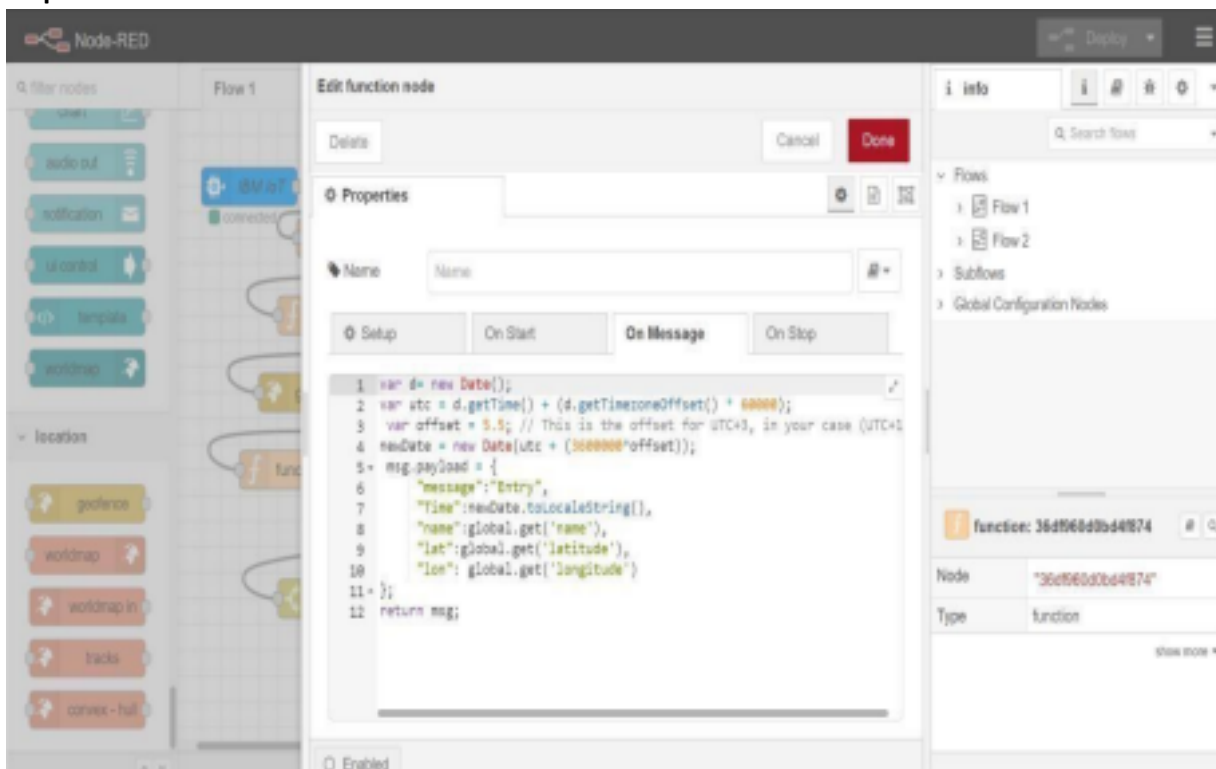
Step 9:Code with different node



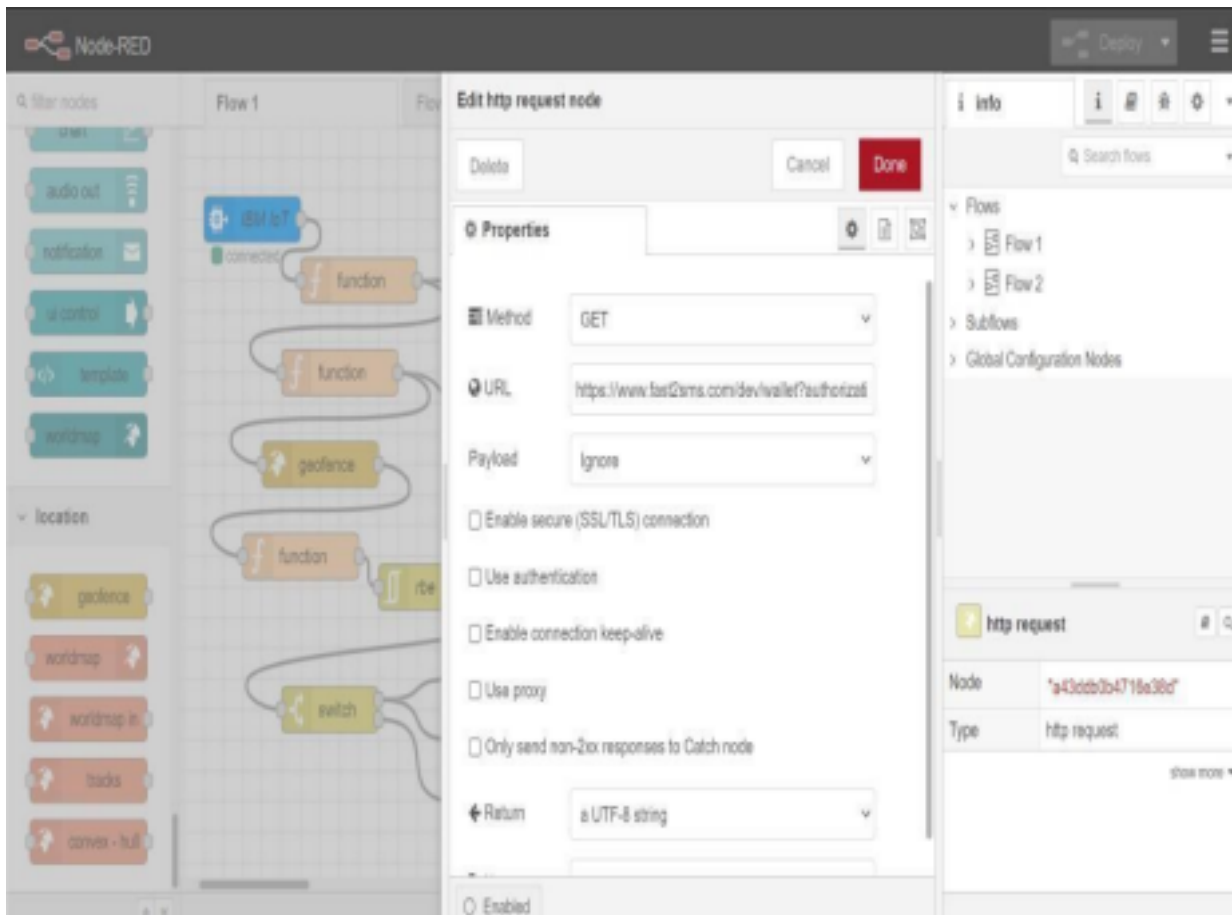
Step 10:code with different node



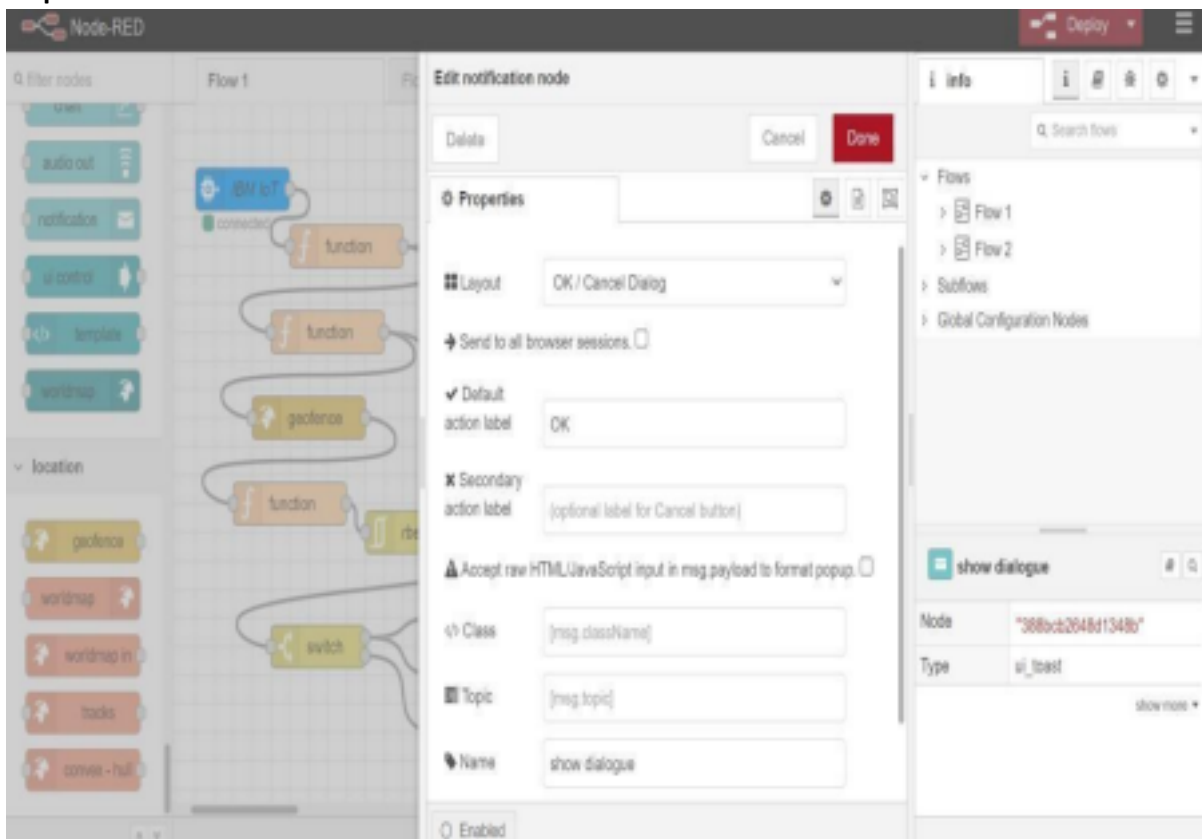
Step 11:Code with different node



Step 12:Http request node->properties



Step 13: Notification node



Step 14: Cloudant node

The screenshot displays the Node-RED web interface. On the left, a sidebar shows various node categories: 'filter nodes' (including chat, audio out, notification, ui control, template, and workflow) and 'location' (including geofence, workflow, workflow in, tracks, and convex-hull). The main workspace shows a flow with several nodes: a blue 'isT' node, a 'connected' node, two 'function' nodes, a 'geofence' node, another 'function' node, and a 'switch' node. A 'cloudant out' node is selected, and its configuration panel is open on the right. The panel has tabs for 'info', 'edit', and 'debug'. The 'edit' tab is active, showing the 'Edit cloudant out node' configuration. It includes a 'Delete' button, 'Cancel', and 'Done' buttons. The 'Properties' section contains the following fields: 'Service' (Cloudant-pn-95850), 'Database' (noderedapqph20221108), 'Operation' (insert), and a checkbox for 'Only store msg.payload object?' which is unchecked. The 'Name' field is set to 'child'. The 'info' tab on the right shows a list of flows (Flow 1, Flow 2) and subflows, along with a search bar. Below the list, the selected node 'child' is shown with its ID '71159a311b6f6c36' and type 'cloudant out'.

Node-RED

Deploy

filter nodes

Flow 1

Flow 2

chat

audio out

notification

ui control

template

workflow

location

geofence

workflow

workflow in

tracks

convex-hull

isT

connected

function

function

geofence

function

switch

Edit cloudant out node

Delete

Cancel

Done

Properties

Service: Cloudant-pn-95850

Database: noderedapqph20221108

Operation: insert

☐ Only store msg.payload object?

Name: child

Enabled

info

Search flows

Flows

- Flow 1
- Flow 2

Subflows

Global Configuration Nodes

child

Node: 71159a311b6f6c36

Type: cloudant out

show more