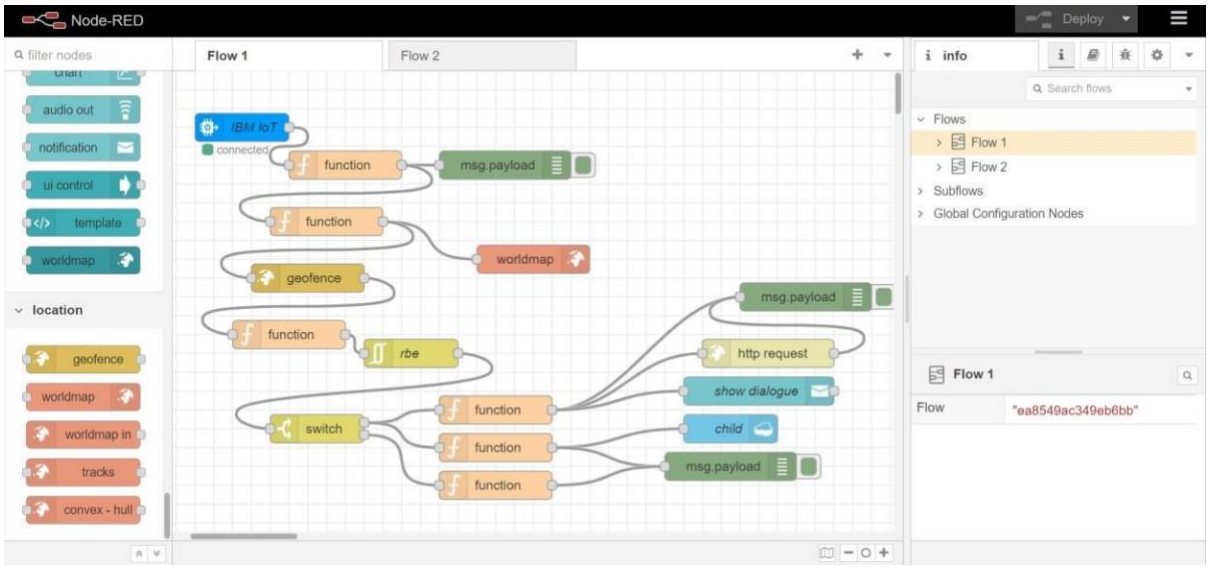
SPRINT 3

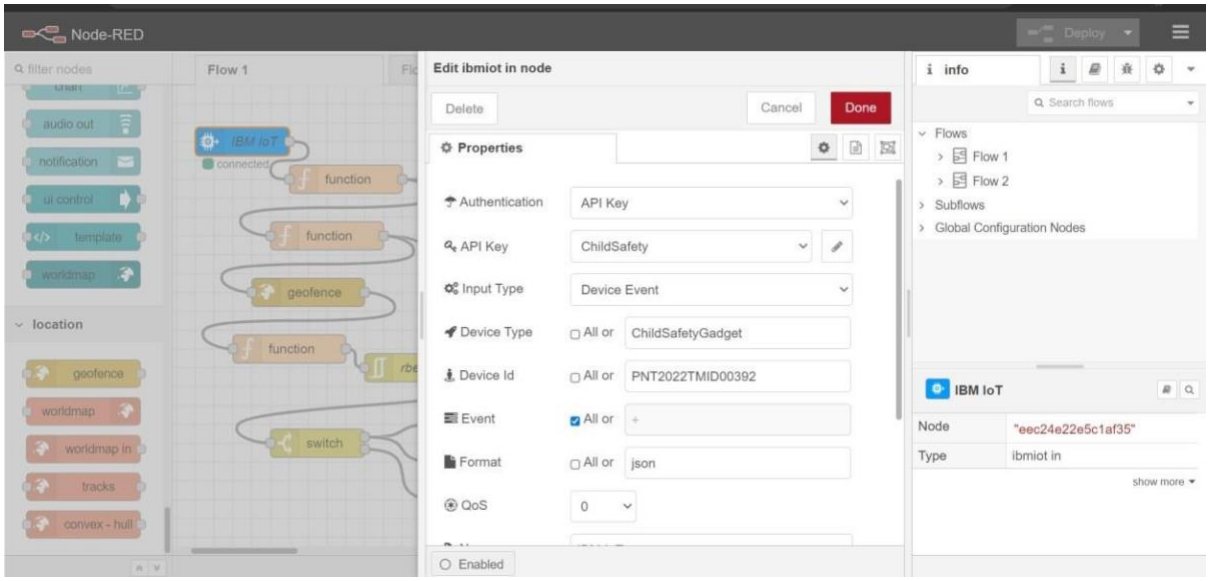
Date	**09 November 2022**
Team ID	**PNT2022TMID29677**
Project Name	**IOT Based Safety Gadget for Child Safety Monitoring and Notification**

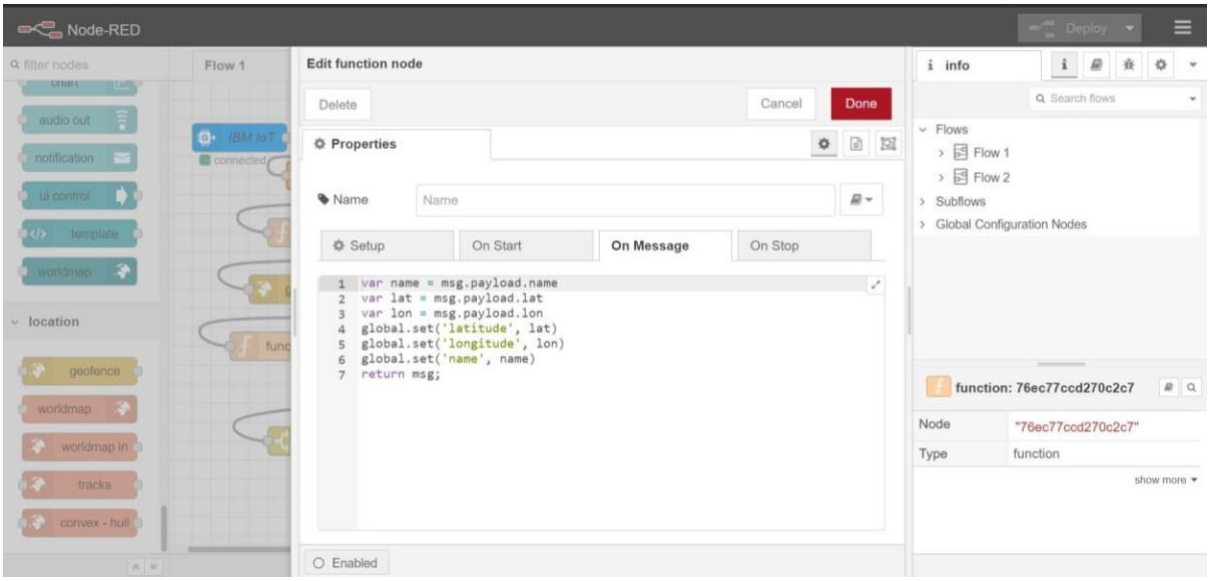
NODE – RED

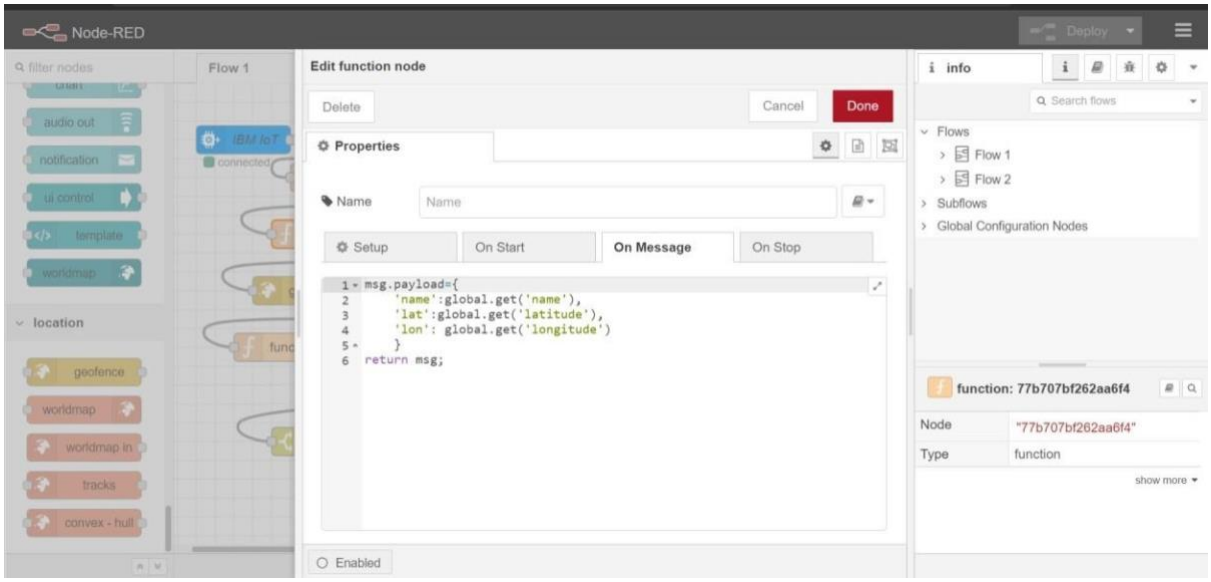
Connections

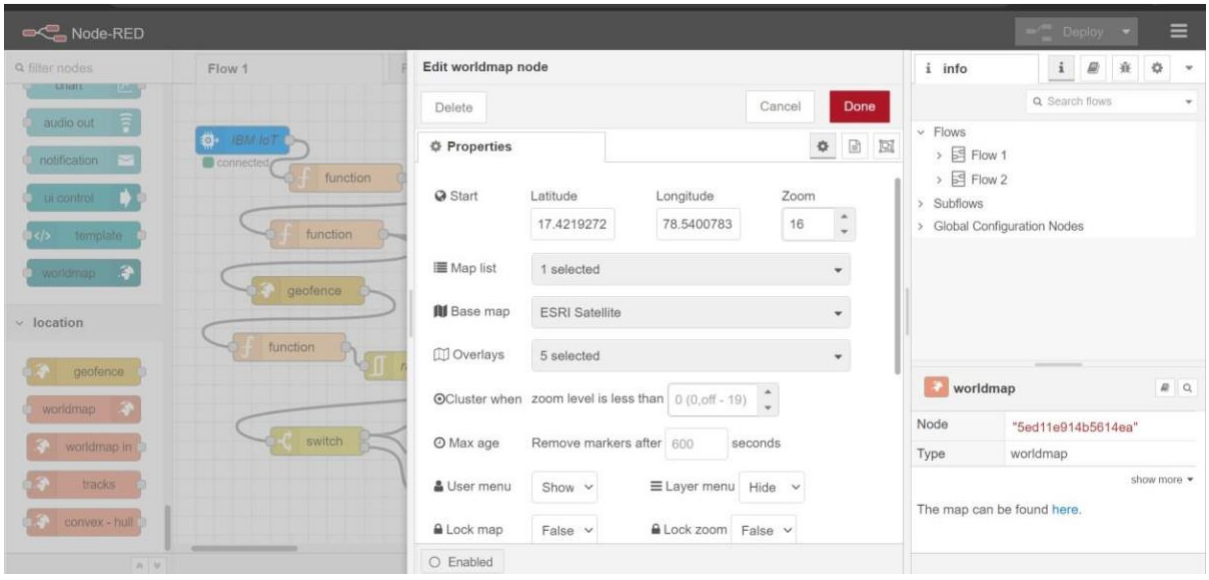


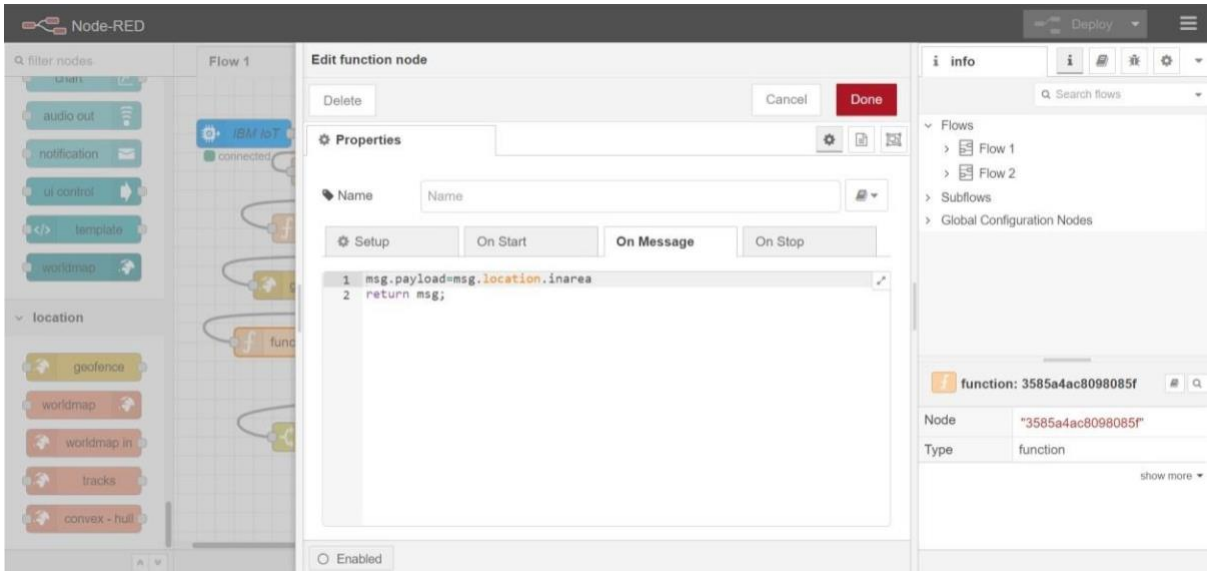
Codes in Node's

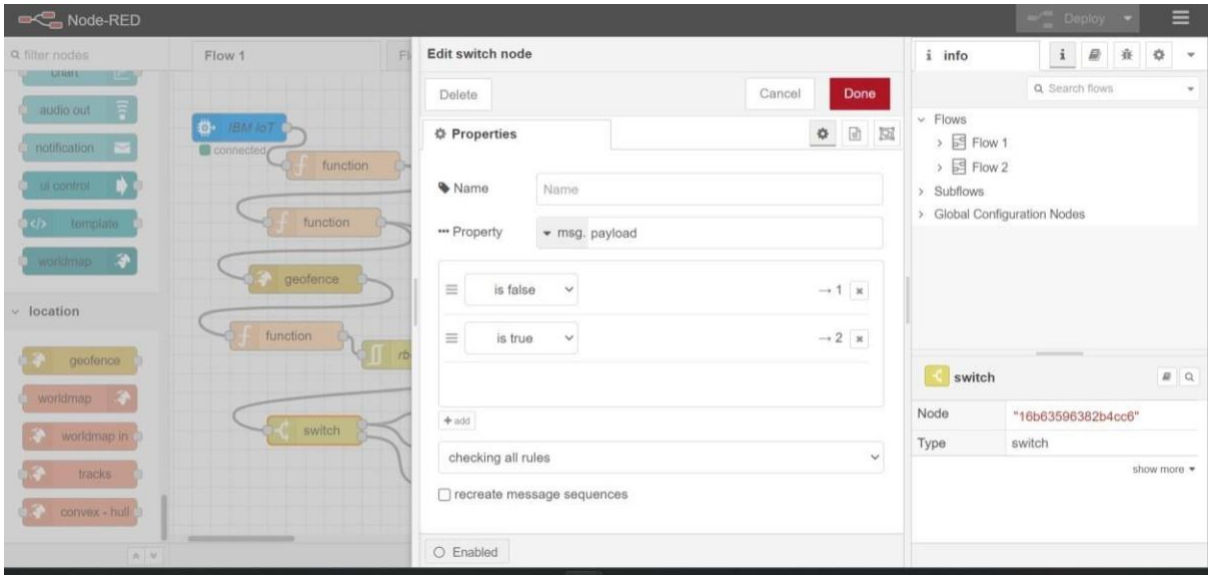


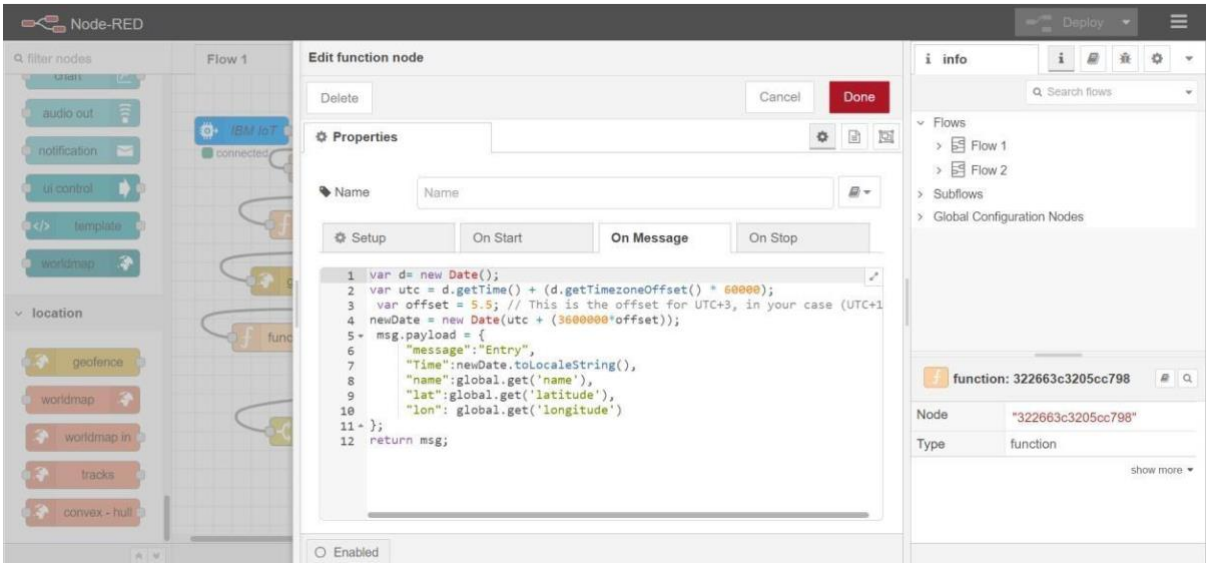

Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var name = msg.payload.name
var lat = msg.payload.lat
var lon = msg.payload.lon
global.set('latitude', lat)
global.set('longitude', lon)
global.set('name', name)
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: 76ec77ccd270c2c7
Node
"76ec77ccd270c2c7"
Type
function
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull

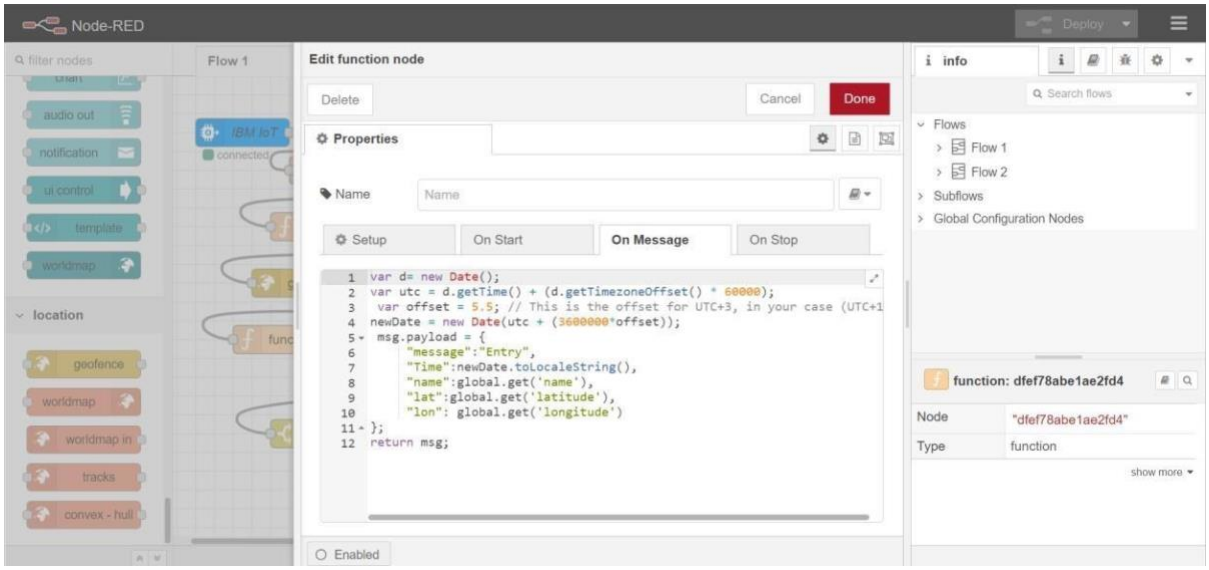

Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
msg.payload={
'name':global.get('name'),
'lat':global.get('latitude'),
'lon': global.get('longitude')
}
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: 77b707bf262aa6f4
Node
"77b707bf262aa6f4"
Type
function
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull

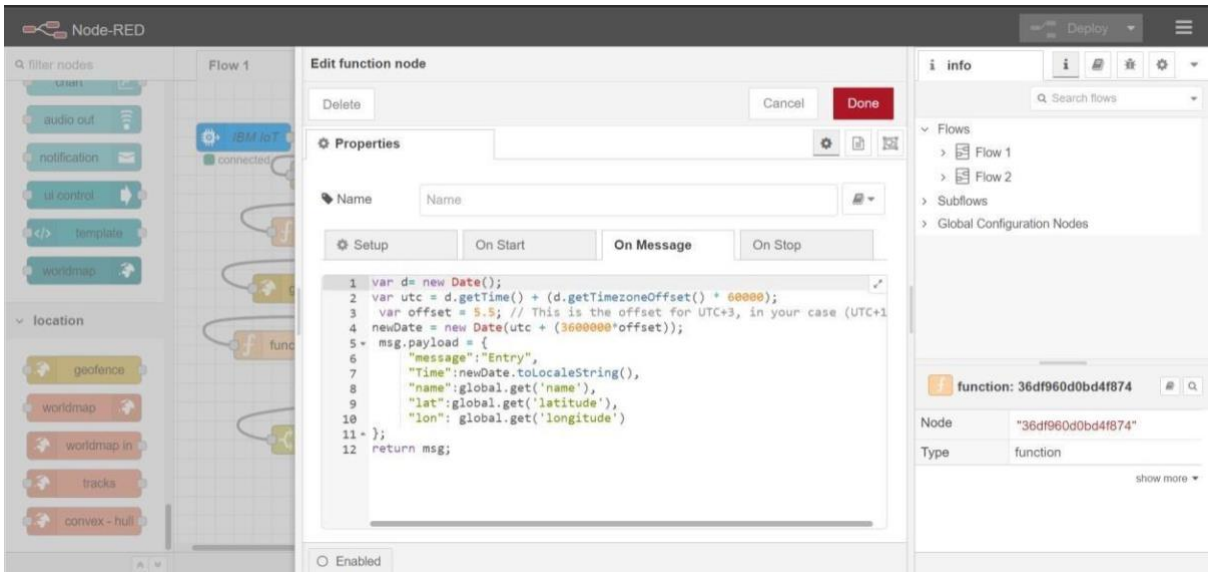

Node-RED
Deploy
Flow 1
Edit worldmap node
Delete
Cancel
Done
Properties
Start
Latitude
17.4219272
Longitude
78.5400783
Zoom
16
Map list
1 selected
Base map
ESRI Satellite
Overlays
5 selected
Cluster when
zoom level is less than
0 (0,off - 19)
Max age
Remove markers after
600
seconds
User menu
Show
Layer menu
Hide
Lock map
False
Lock zoom
False
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
worldmap
Node
"5ed11e914b5614ea"
Type
worldmap
show more
The map can be found here.
function
function
geofence
function
switch
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull

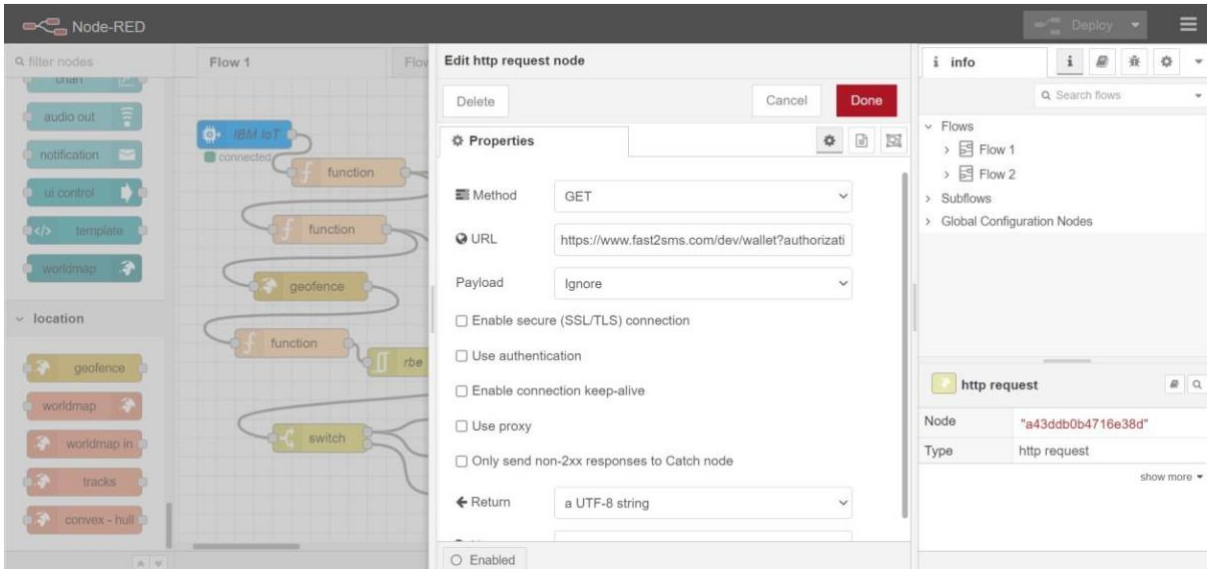

Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
msg.payload=msg.location.inarea
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: 3585a4ac8098085f
Node
"3585a4ac8098085f"
Type
function
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull

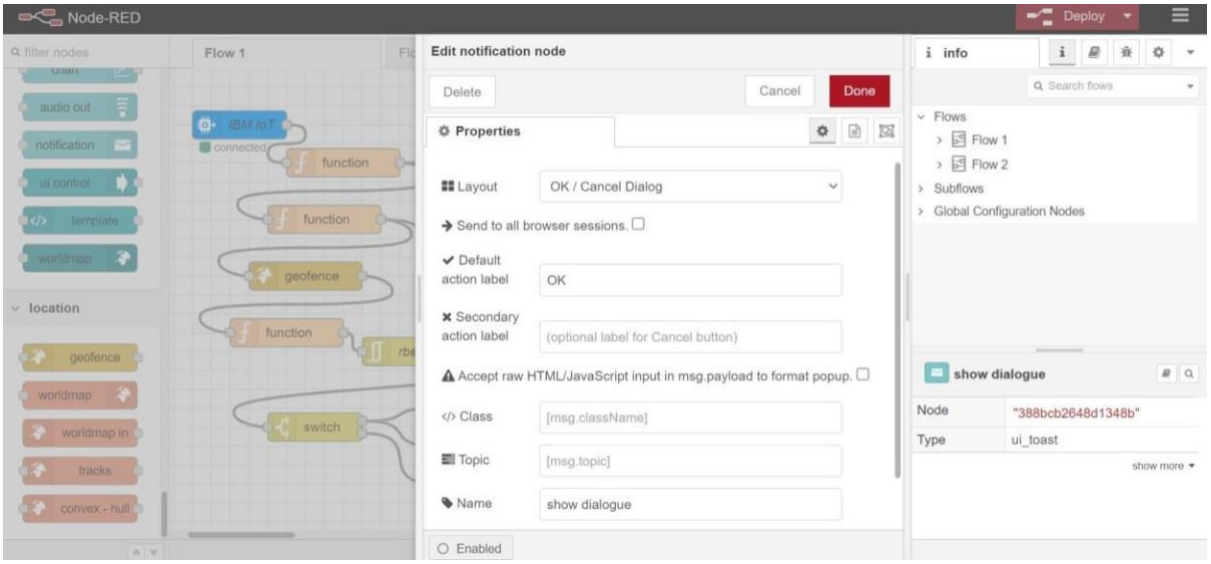

Node-RED
Deploy
Flow 1
Edit switch node
Delete
Cancel
Done
Properties
Name
Property
msg. payload
is false
→ 1
is true
→ 2
checking all rules
recreate message sequences
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
switch
Node
"16b63596382b4cc6"
Type
switch
show more
function
geofence
switch
audio out
notification
ui control
template
worldmap
location
worldmap in
tracks
convex - hull

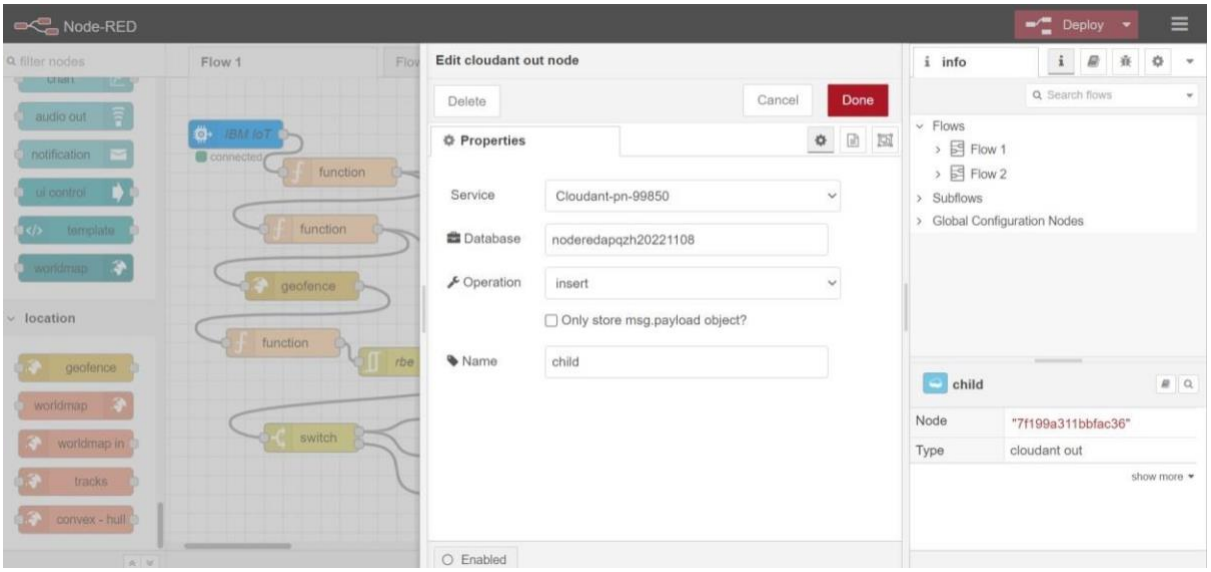

Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d= new Date();
var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
var offset = 5.5; // This is the offset for UTC+3, in your case (UTC+1
newDate = new Date(utc + (3600000*offset));
msg.payload = {
"message":"Entry",
"Time":newDate.toLocaleString(),
"name":global.get('name'),
"lat":global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: 322663c3205cc798
Node
"322663c3205cc798"
Type
function
show more
audio out
notification
ui control
template
worldmap
location
worldmap in
tracks
convex - hull


Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d= new Date();
var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
var offset = 5.5; // This is the offset for UTC+3, in your case (UTC+1
newDate = new Date(utc + (3600000*offset));
msg.payload = {
"message":"Entry",
"Time":newDate.toLocaleString(),
"name":global.get('name'),
"lat":global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: dfef78abe1ae2fd4
Node
"dfef78abe1ae2fd4"
Type
function
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull


Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d= new Date();
var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
var offset = 5.5; // This is the offset for UTC+3, in your case (UTC+1
newDate = new Date(utc + (3600000*offset));
msg.payload = {
"message":"Entry",
"Time":newDate.toLocaleString(),
"name":global.get('name'),
"lat":global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: 36df960d0bd4f874
Node
"36df960d0bd4f874"
Type
function
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull


Node-RED
Deploy
Flow 1
Edit http request node
Delete
Cancel
Done
Properties
Method
GET
URL
https://www.fast2sms.com/dev/wallet?authorizati
Payload
Ignore
Enable secure (SSL/TLS) connection
Use authentication
Enable connection keep-alive
Use proxy
Only send non-2xx responses to Catch node
Return
a UTF-8 string
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
http request
Node
"a43ddb0b4716e38d"
Type
http request
show more
function
function
geofence
function
switch
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull


Node-RED
Deploy
Flow 1
Edit notification node
Delete
Cancel
Done
Properties
Layout
OK / Cancel Dialog
Send to all browser sessions.
Default action label
OK
Secondary action label
(optional label for Cancel button)
Accept raw HTML/JavaScript input in msg.payload to format popup.
Class
[msg.className]
Topic
[msg.topic]
Name
show dialogue
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
show dialogue
Node
"388bcb2648d1348b"
Type
ui_toast
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull
IBM IoT
connected
function
geofence
switch


Node-RED
Deploy
Flow 1
Edit cloudant out node
Delete
Cancel
Done
Properties
Service
Cloudant-pn-99850
Database
noderedapqzh20221108
Operation
insert
Only store msg.payload object?
Name
child
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
child
Node
"7f199a311bbfac36"
Type
cloudant out
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull
IBM IoT
connected
function
geofence
switch