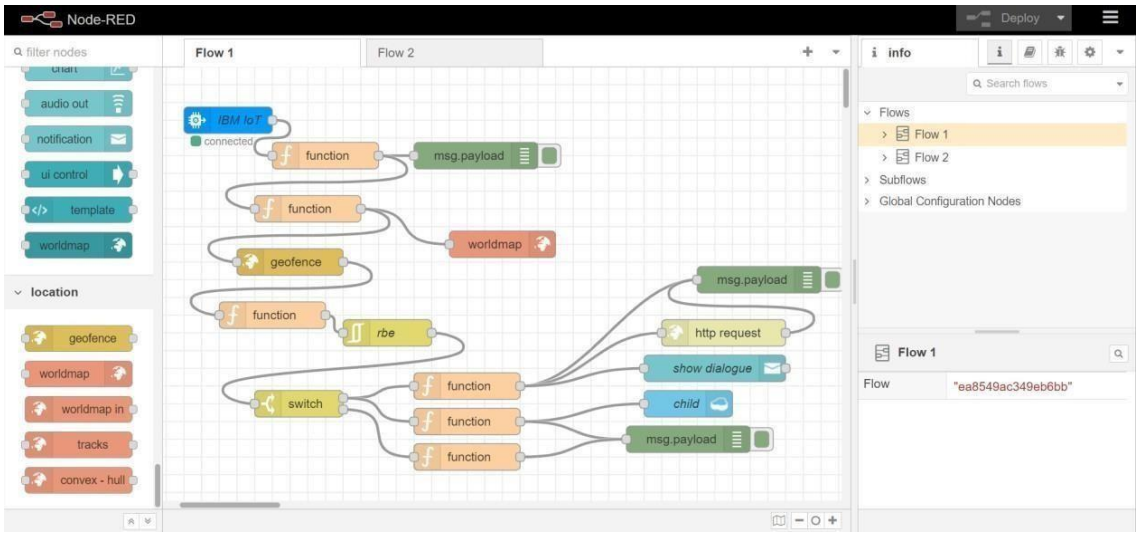
SPRINT - 3

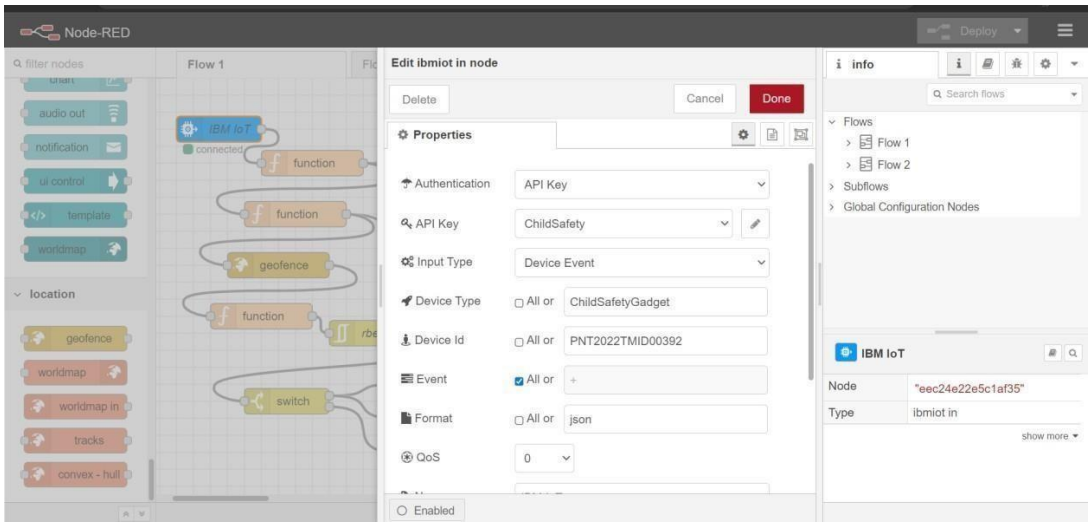
Date	**15 November 2022**
Team ID	**PNT2022TMID19111**
Project Name	**IoT Based Safety Gadget for Child Safety Monitoring and Notification**

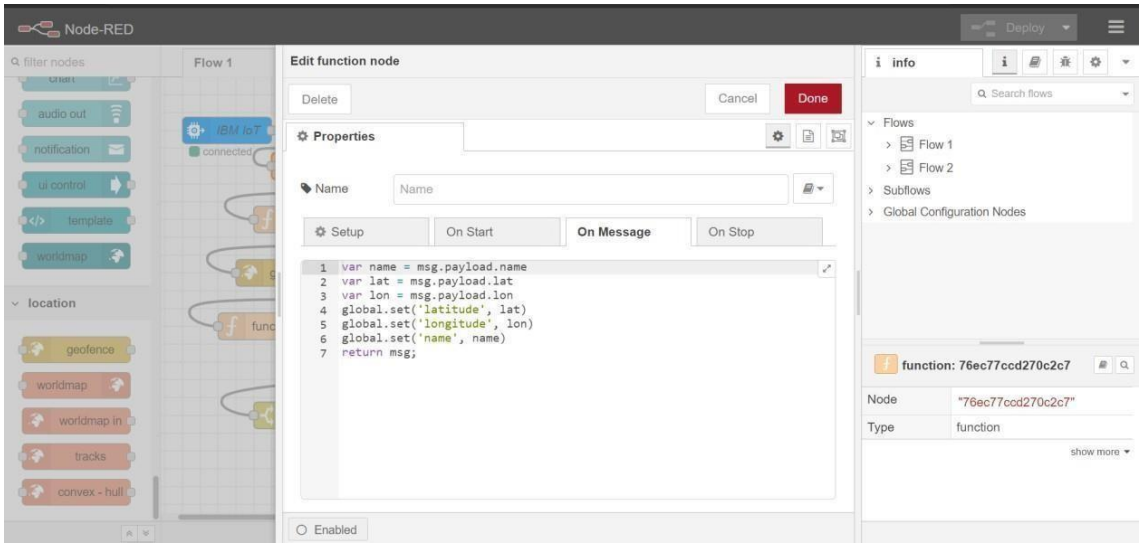
NODE – RED

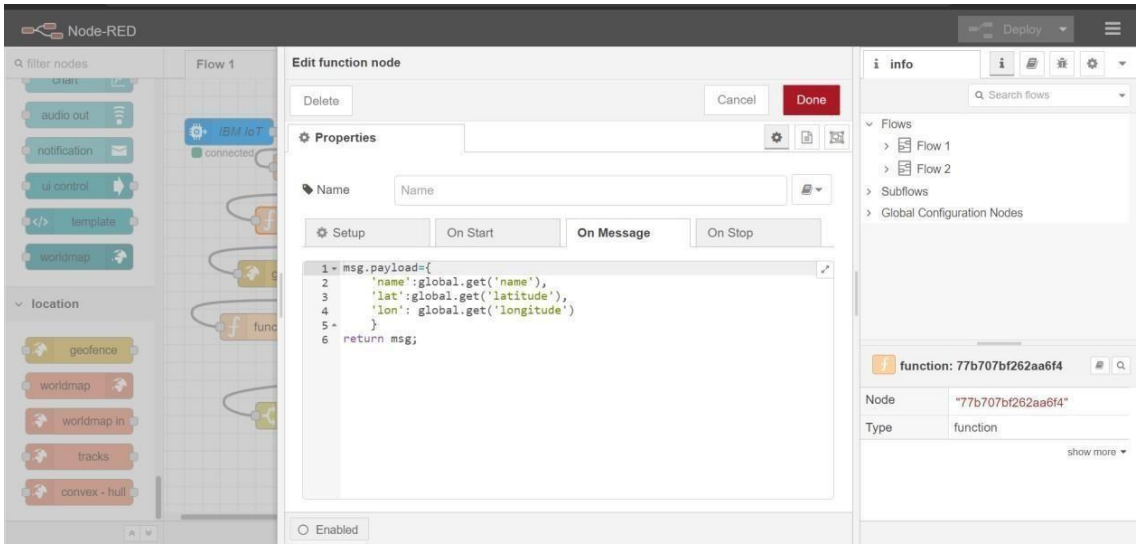
Connections

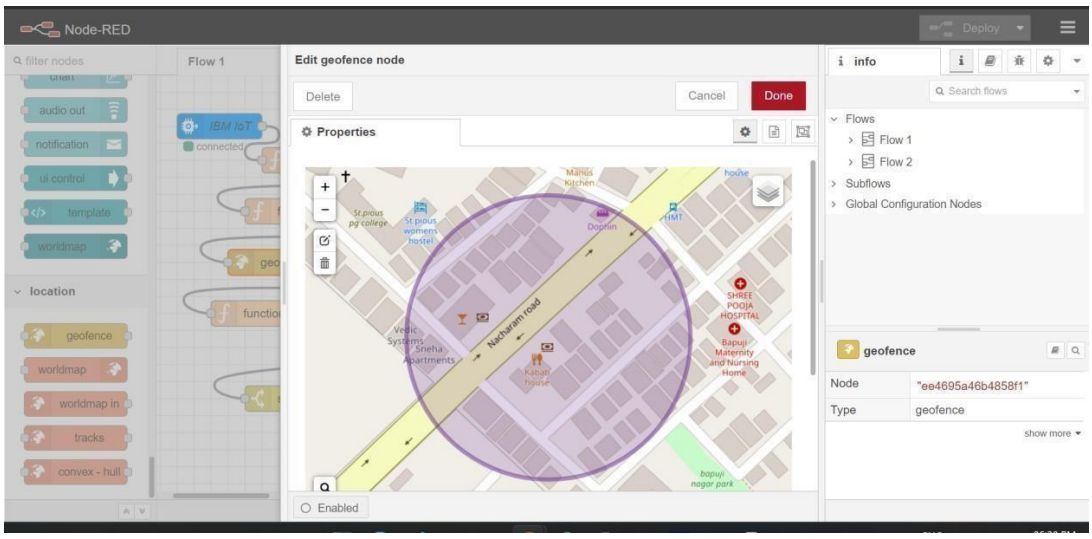


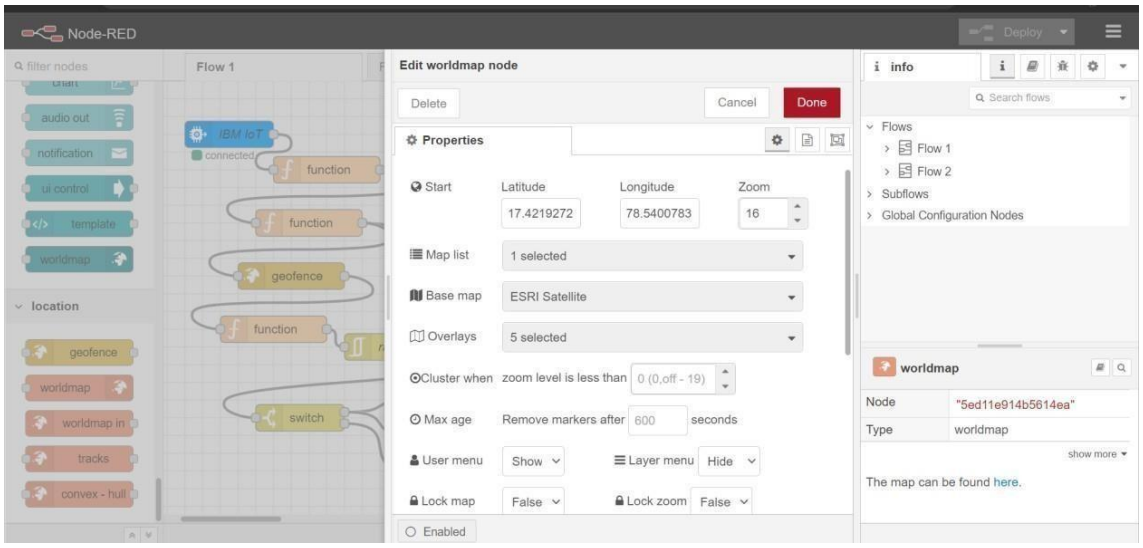
Codes in Node's

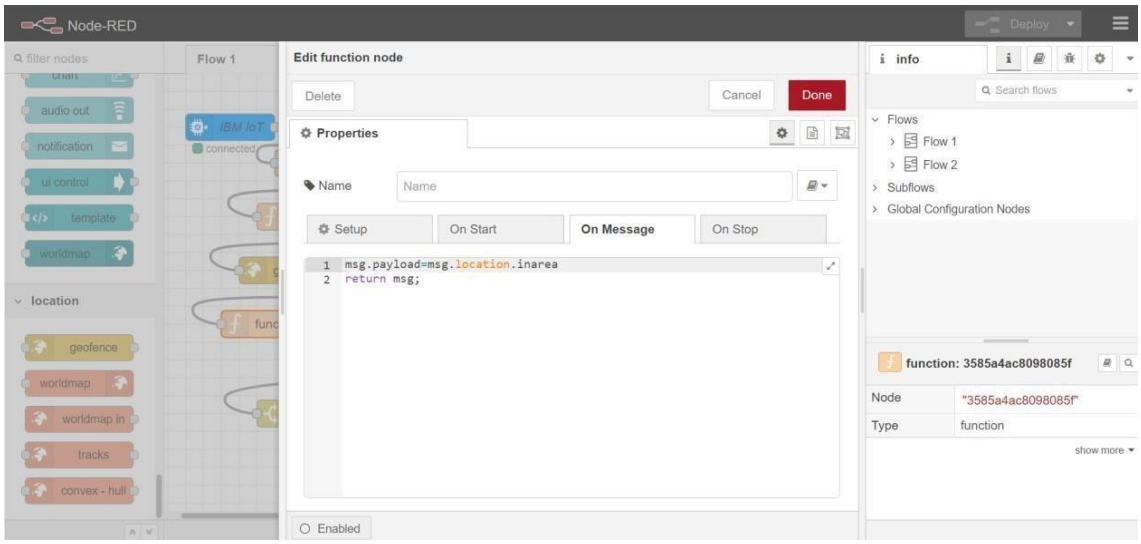


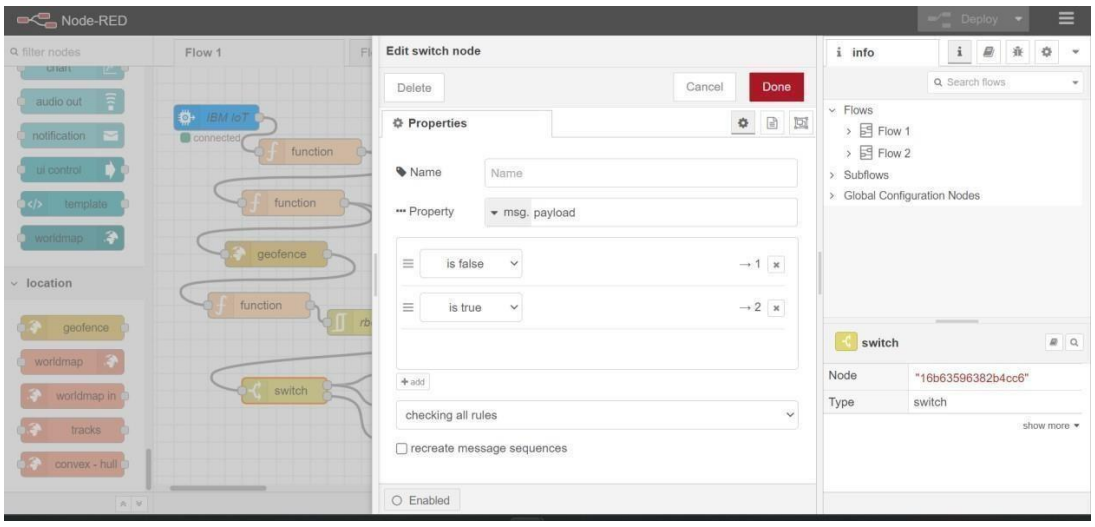

Node-RED
Deploy
filter nodes
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var name = msg.payload.name
var lat = msg.payload.lat
var lon = msg.payload.lon
global.set('latitude', lat)
global.set('longitude', lon)
global.set('name', name)
return msg;
Enabled
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

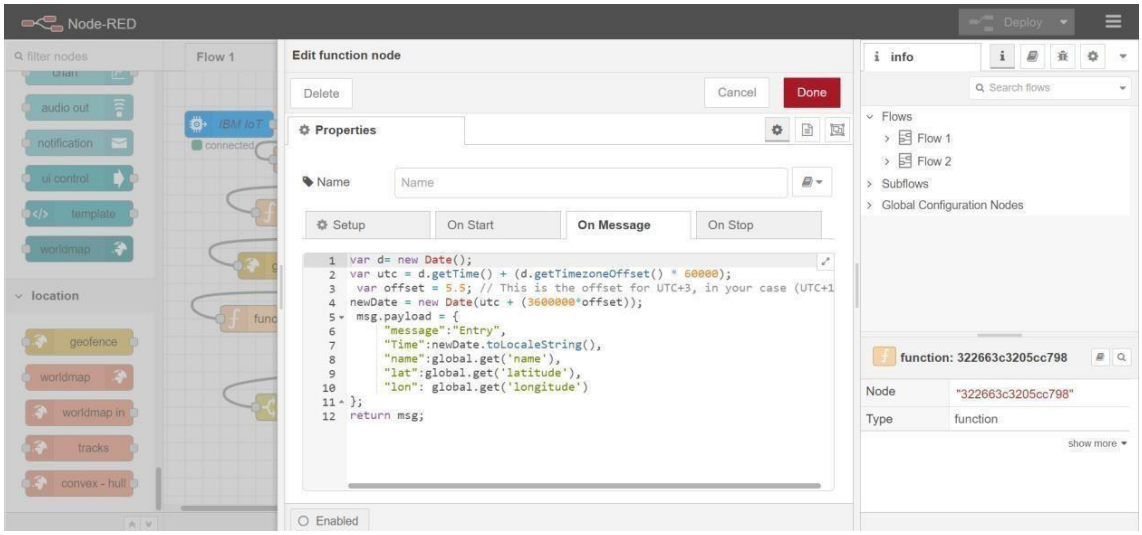

Node-RED
Deploy
filter nodes
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
msg.payload={
'name':global.get('name'),
'lat':global.get('latitude'),
'lon': global.get('longitude')
}
return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global 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

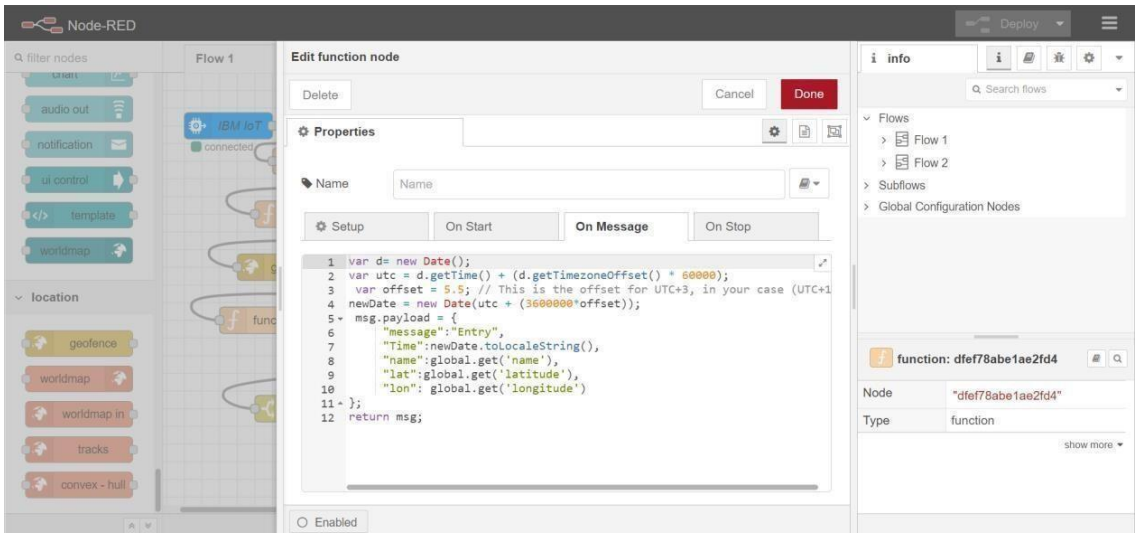

Node-RED
Deploy
filter nodes
Flow 1
Edit geofence node
Delete
Cancel
Done
Properties
Nacharam road
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
geofence
Node
"ee4695a46b4858f1"
Type
geofence
show more
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull

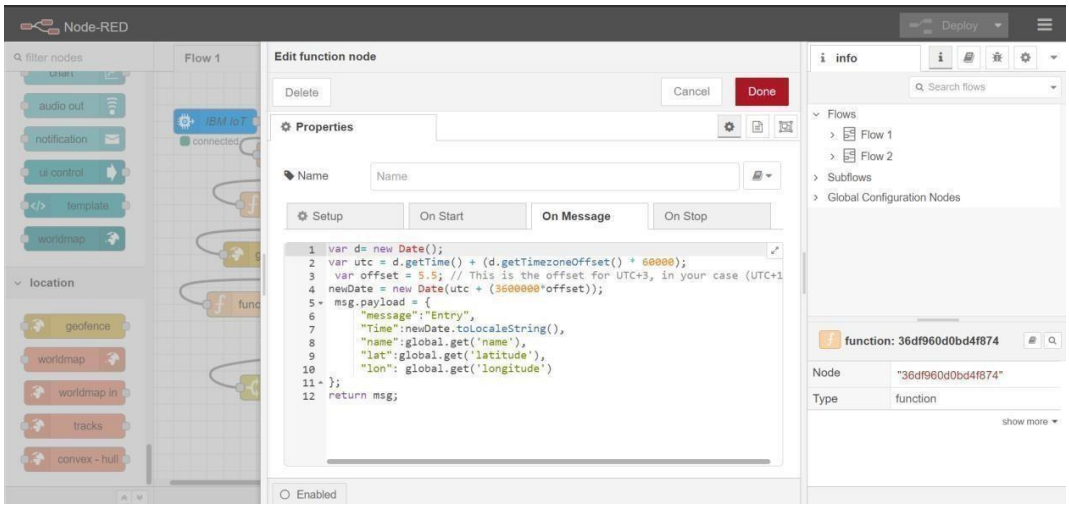

Node-RED
Deploy
Flow 1
Edit worldmap node
Delete
Cancel
Done
Properties
Start
Latitude
Longitude
Zoom
17.4219272
78.5400783
16
Map list
1 selected
Base map
ESRI Satellite
Overlays
5 selected
Cluster when
zoom level is less than
0 (0,off - 19)
Max age
Remove markers after
600
seconds
User menu
Show
Layer 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.
audio out
notification
ui control
template
worldmap
location
geofence
worldmap in
tracks
convex - hull
IBM IoT
connected
function
geofence
function
switch

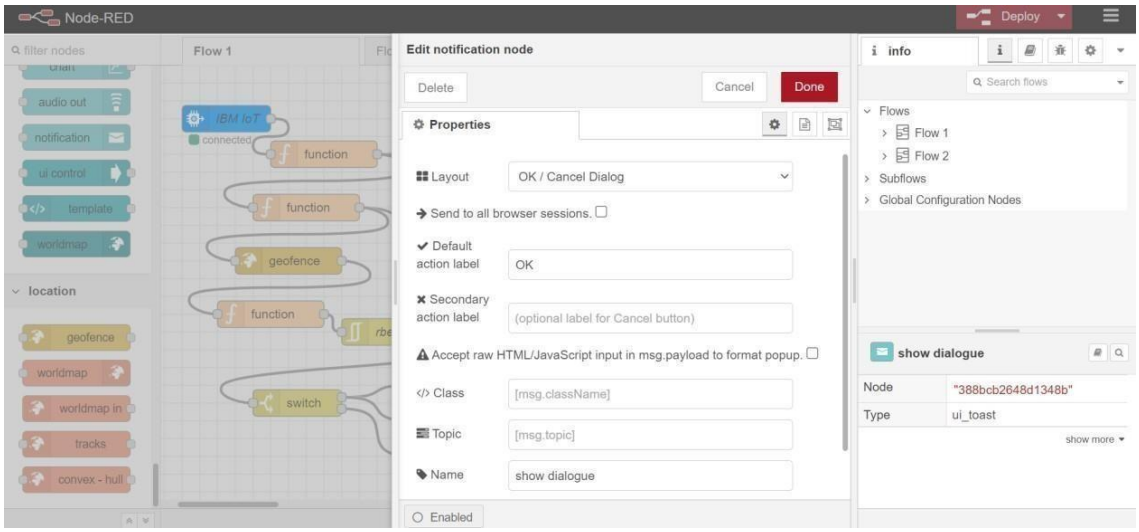

Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Name
Setup
On Start
On Message
On Stop
1 msg.payload=msg.location.inarea
2 return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
function: 3585a4ac8098085f
Node
"3585a4ac8098085f"
Type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

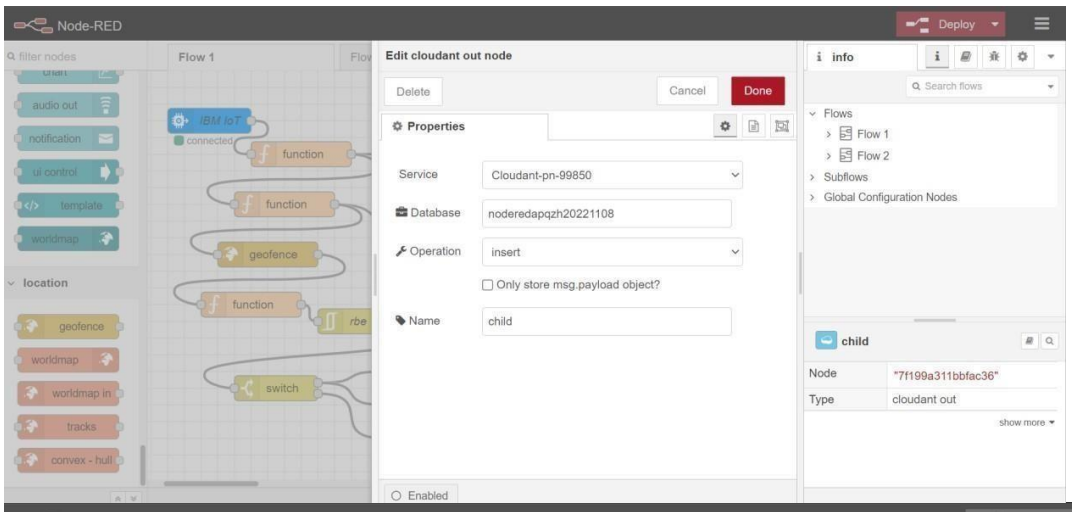

Node-RED
Deploy
Flow 1
Edit switch node
Delete
Cancel
Done
Properties
Name
Name
Property
msg. payload
is false
→ 1
is true
→ 2
add
checking all rules
recreate message sequences
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Subflows
Global Configuration Nodes
switch
Node
"16b63596382b4cc6"
Type
switch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

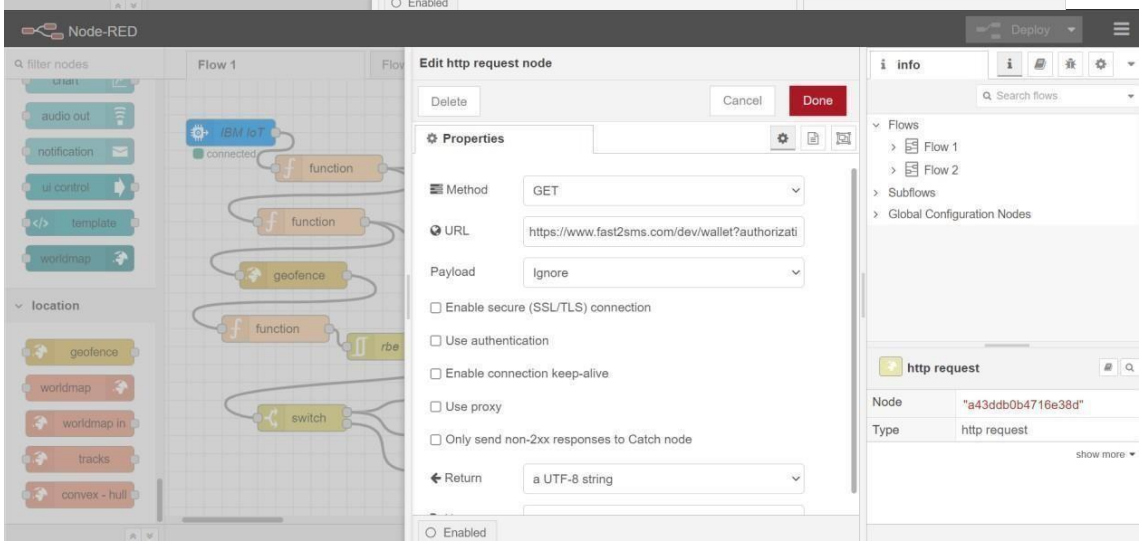

Node-RED
Deploy
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d= new Date();
var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
var offset = 5.5; // This is the offset for UTC+3, in your case (UTC+1
newDate = new Date(utc + (3600000*offset));
msg.payload = {
"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
filter nodes
Flow 1
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull
IBM IoT
connected


Node-RED
Deploy
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
filter nodes
Flow 1
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull
IBM IoT
connected


Node-RED
Deploy
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
filter nodes
Flow 1
audio out
notification
ui control
template
worldmap
location
geofence
worldmap
worldmap in
tracks
convex - hull
IBM IoT
connected


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 in
tracks
convex - hull
IBM IoT
connected
function
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 in
tracks
convex - hull
IBM IoT
connected
function
switch


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
audio out
notification
ui control
template
worldmap
location
geofence
worldmap in
tracks
convex - hull
IBM IoT
connected
function
switch