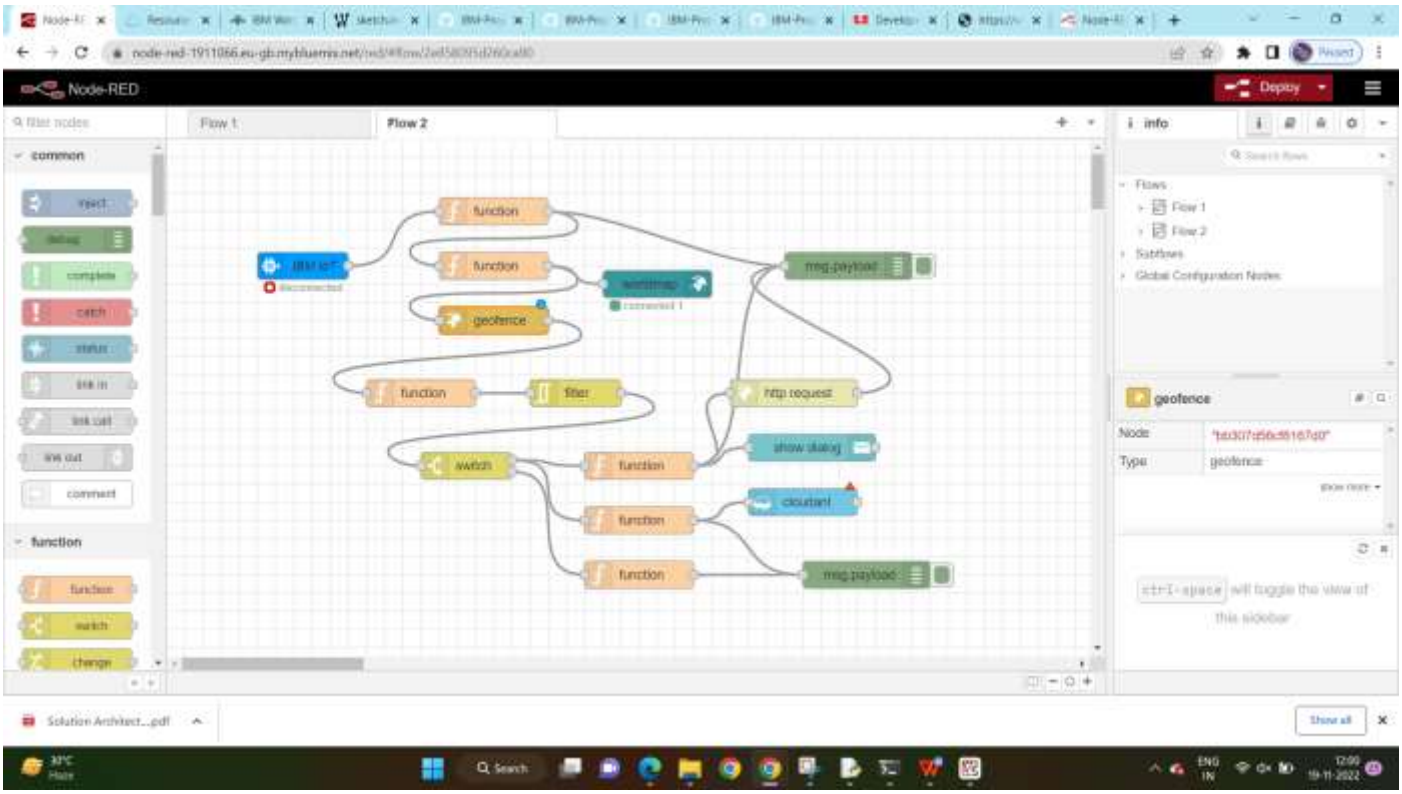
Project Development - Sprint 3

Iot Based Safety For Child Safety Monitoring & Notification

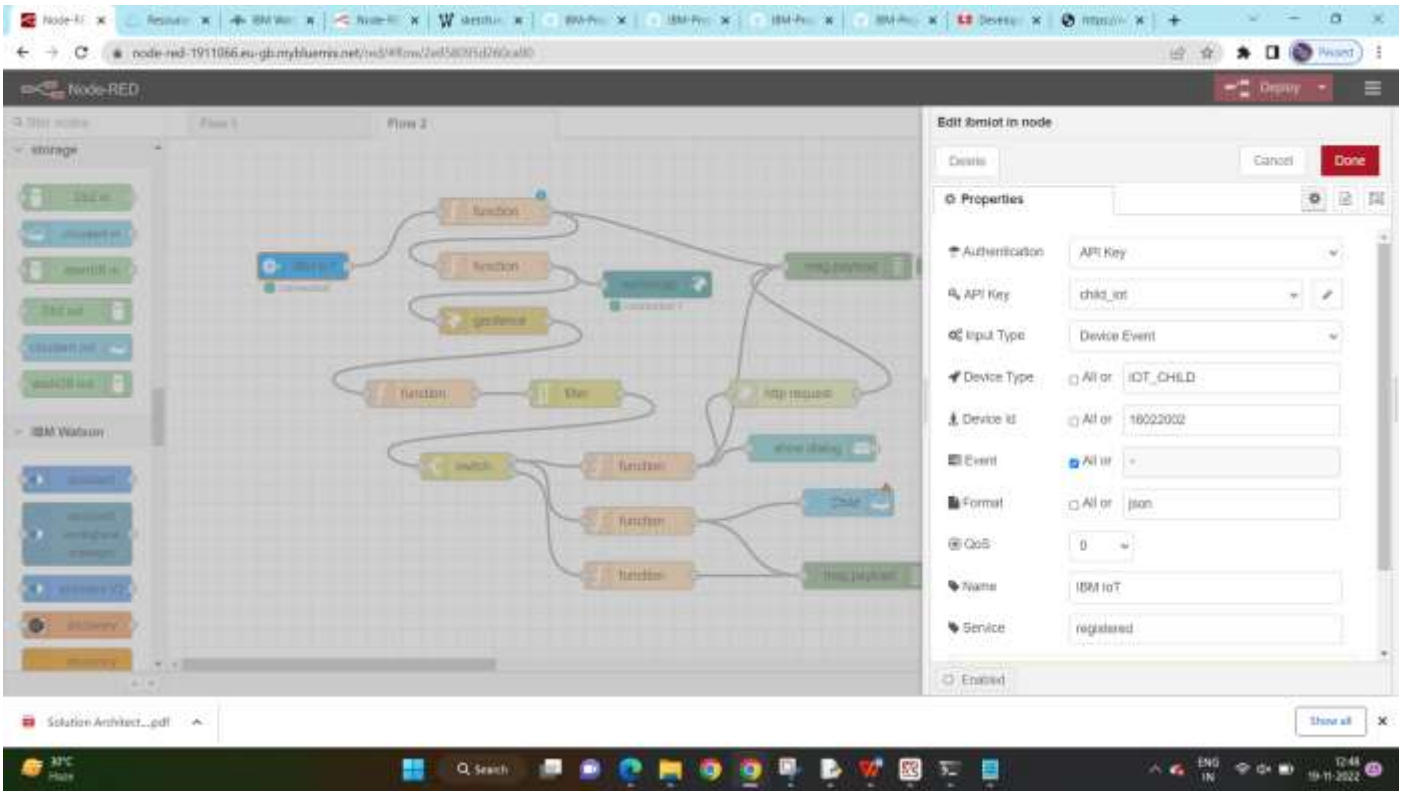
Team ID: PNT2022TMID30207

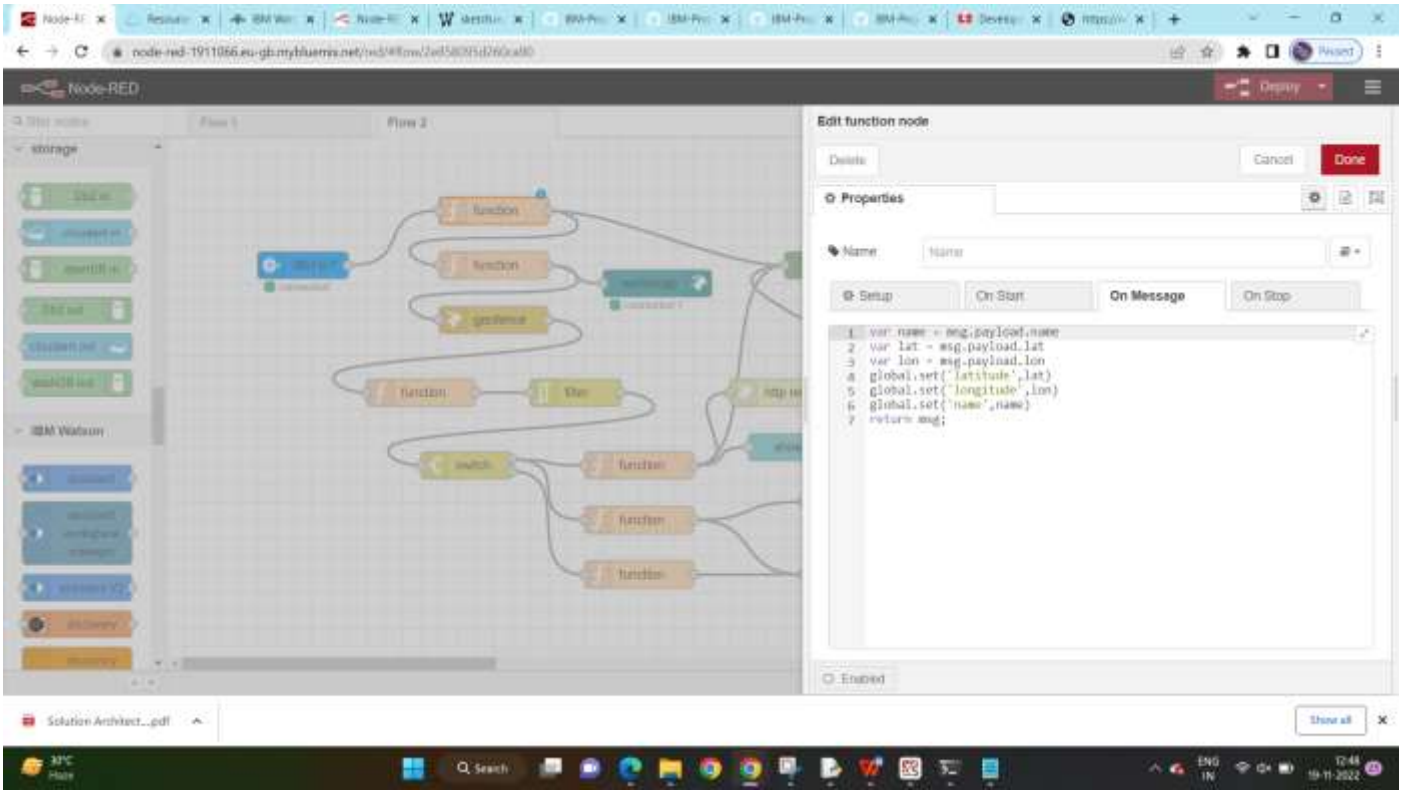
Creating Node - Red Service and Connecting with IBM cloud

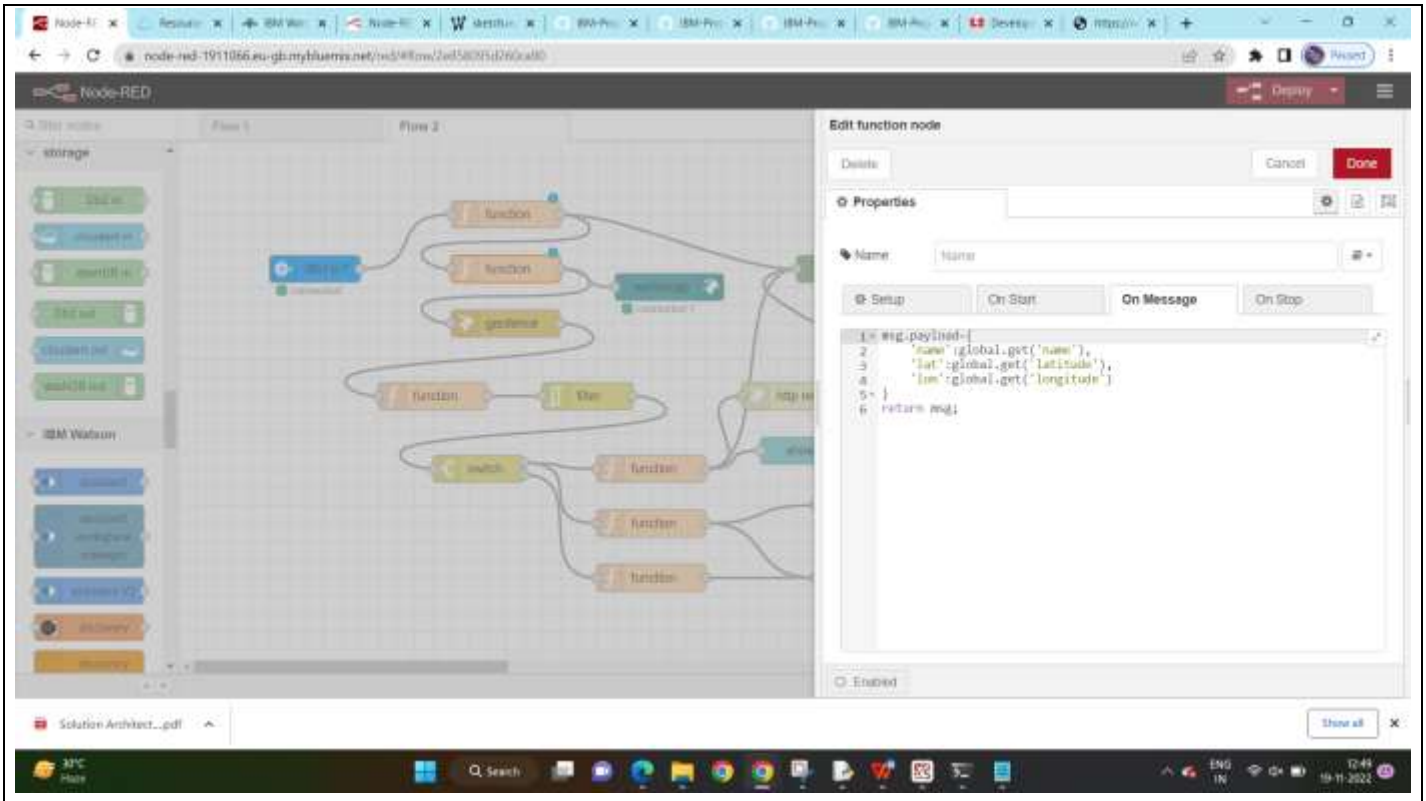
Creating Node-Red Service :

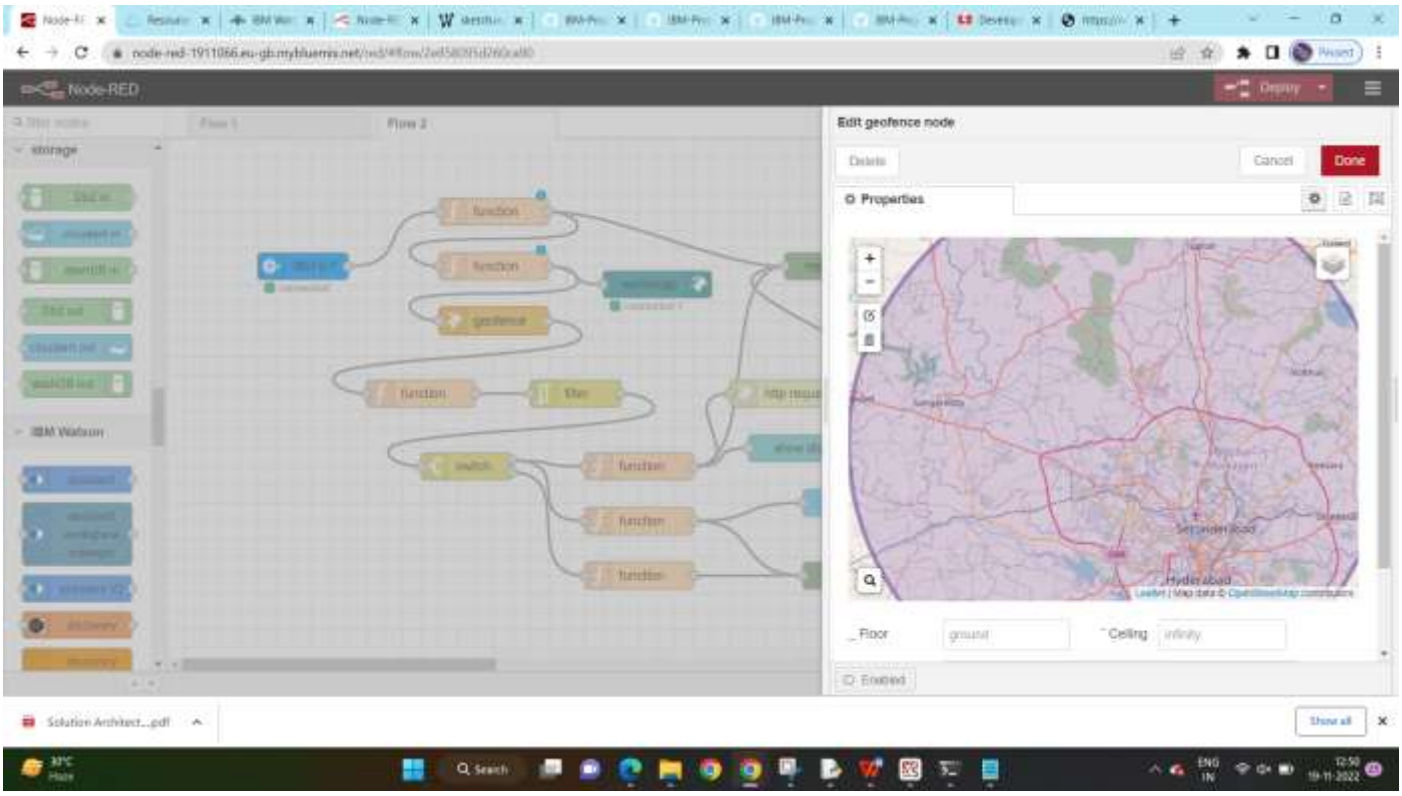


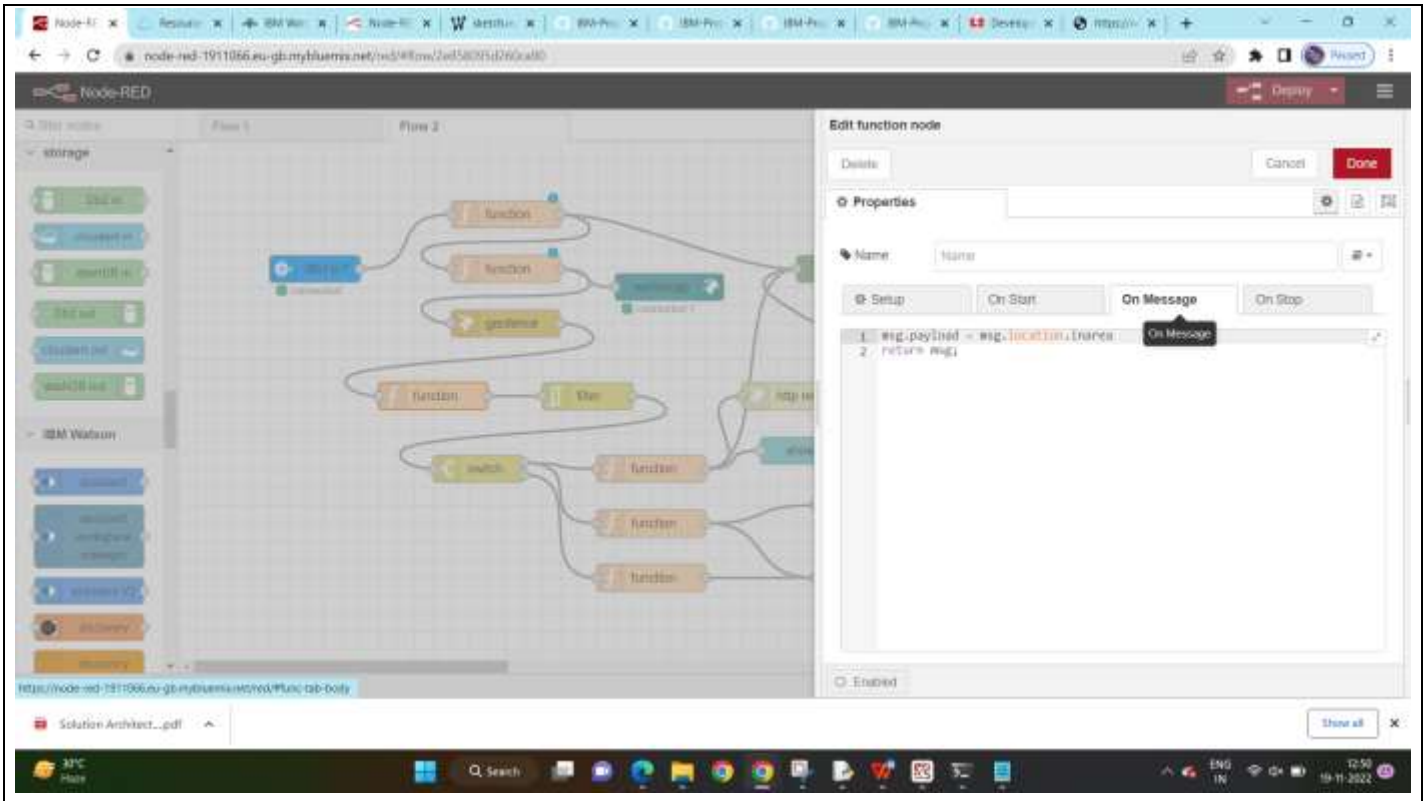
Codes in Each Node:

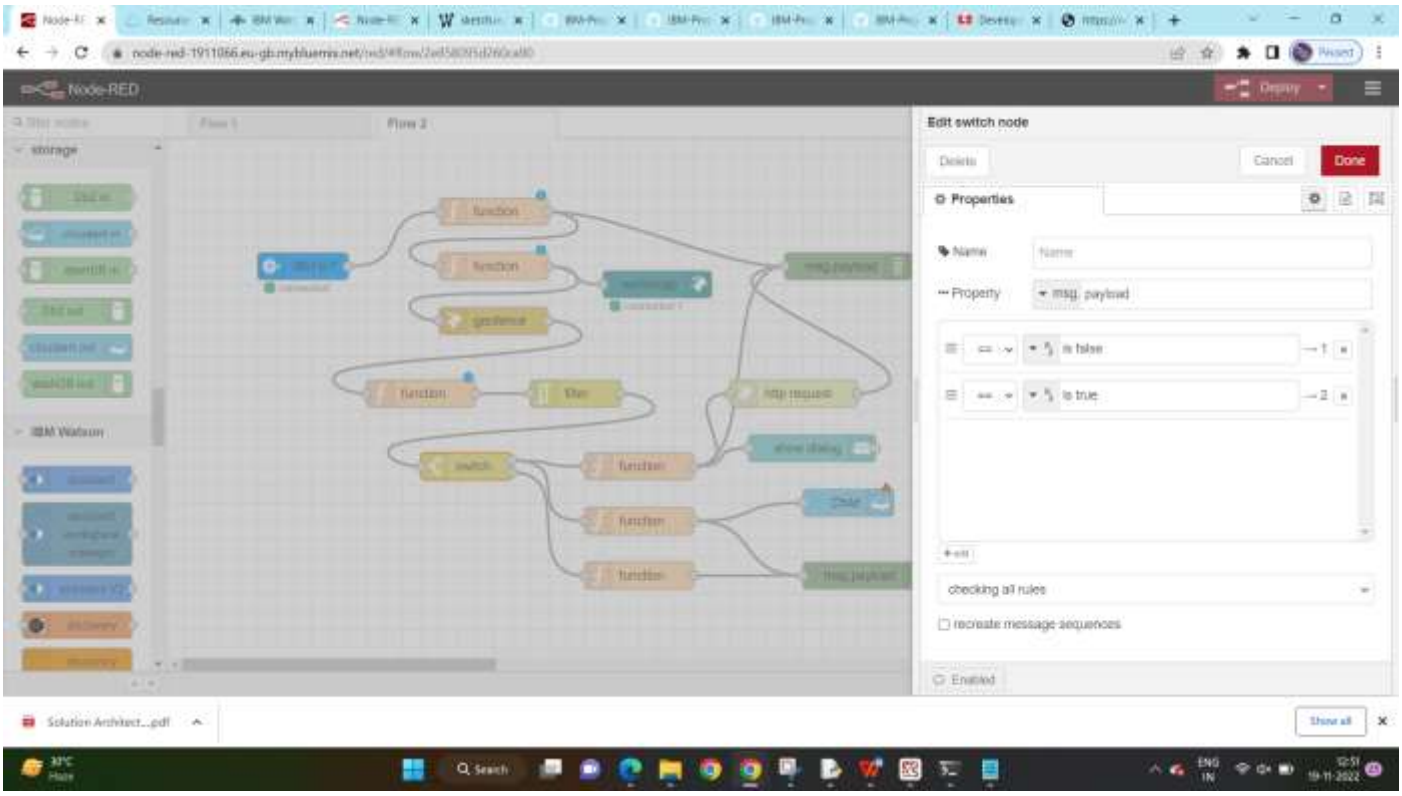


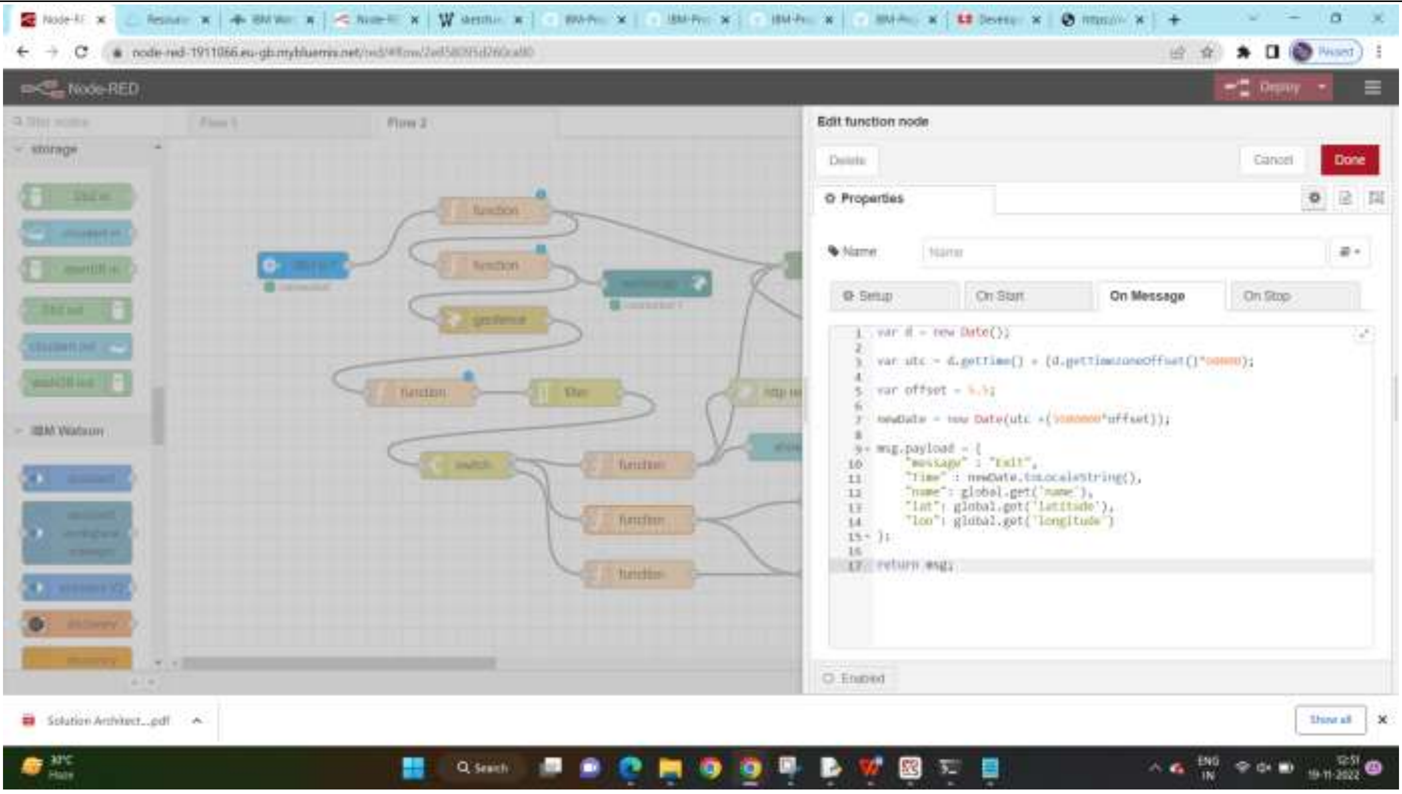


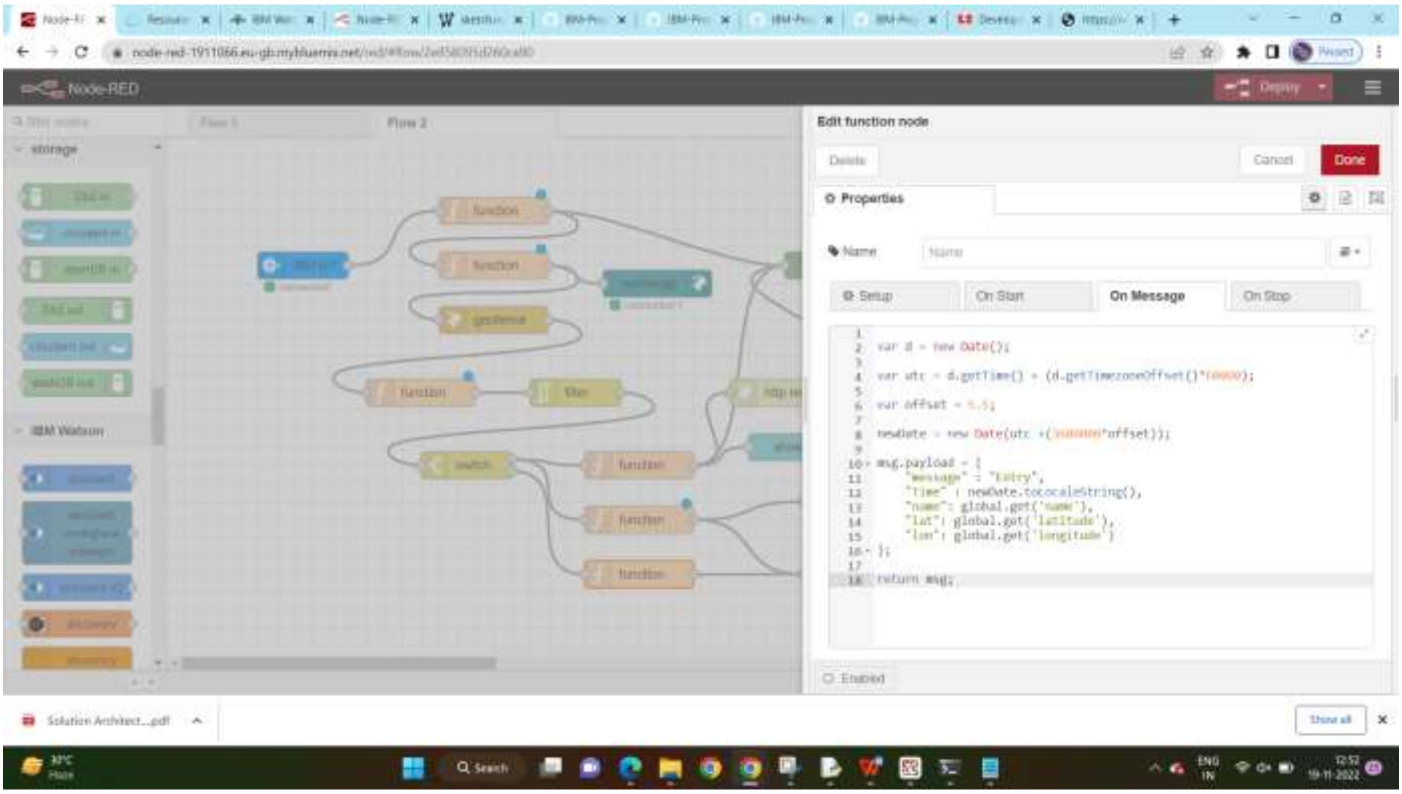

Node-RED
Deploy
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
1 msg.payload={
2 'name':global.get('name'),
3 'lat':global.get('latitude'),
4 'lon':global.get('longitude')
5 }
6 return msg;
Enabled
function
geofence
switch
IBM Watson

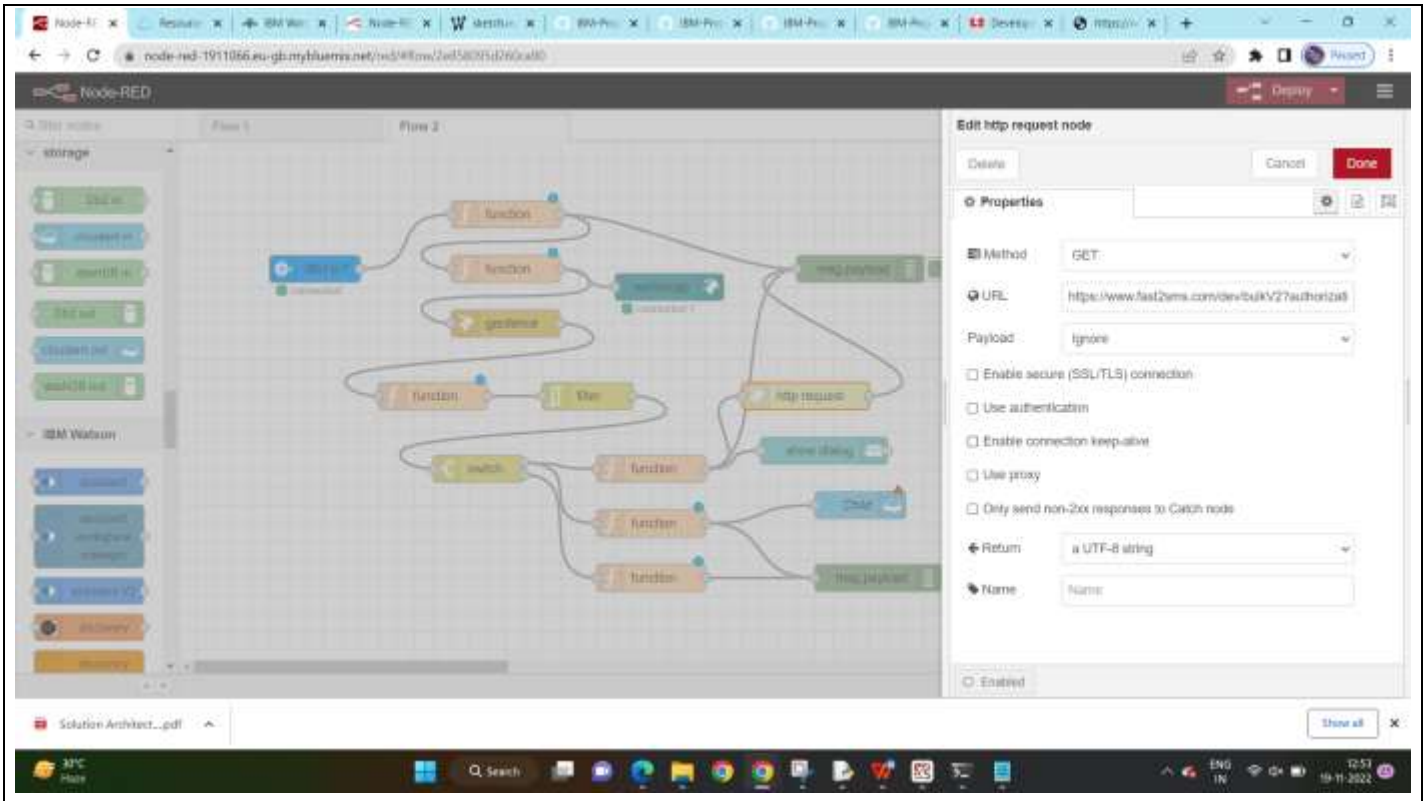

Node-RED
Deploy
Edit geofence node
Delete
Cancel
Done
Properties
Floor
ground
Ceiling
infinity
Enabled
Hyderabad
function
geofence
switch
IBM Watson


Node-RED
Deploy
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
msg.payload = msg.location.humea
return msg;
Enabled


Node-RED
Deploy
Edit switch node
Delete
Cancel
Done
Properties
Name
Property
msg. payload
is false
is true
checking all rules
recreate message sequences
Enabled


Node-RED
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d = new Date();
msg.payload = {
"message" : "Exit",
"Time" : newDate.toLocaleString(),
"name": global.get('name'),
"lat": global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled
Solution Architect....pdf
Show all


Node-RED
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d = new Date();
var offset = 5.5;
msg.payload = {
"message" : "Entry",
"Time" : newDate.toLocaleString(),
"name": global.get('name'),
"lat": global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled
Solution Architect....pdf
Show all


Node-RED
Deploy
Edit http request node
Delete
Cancel
Done
Properties
Method
GET
URL
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
Name
Enabled