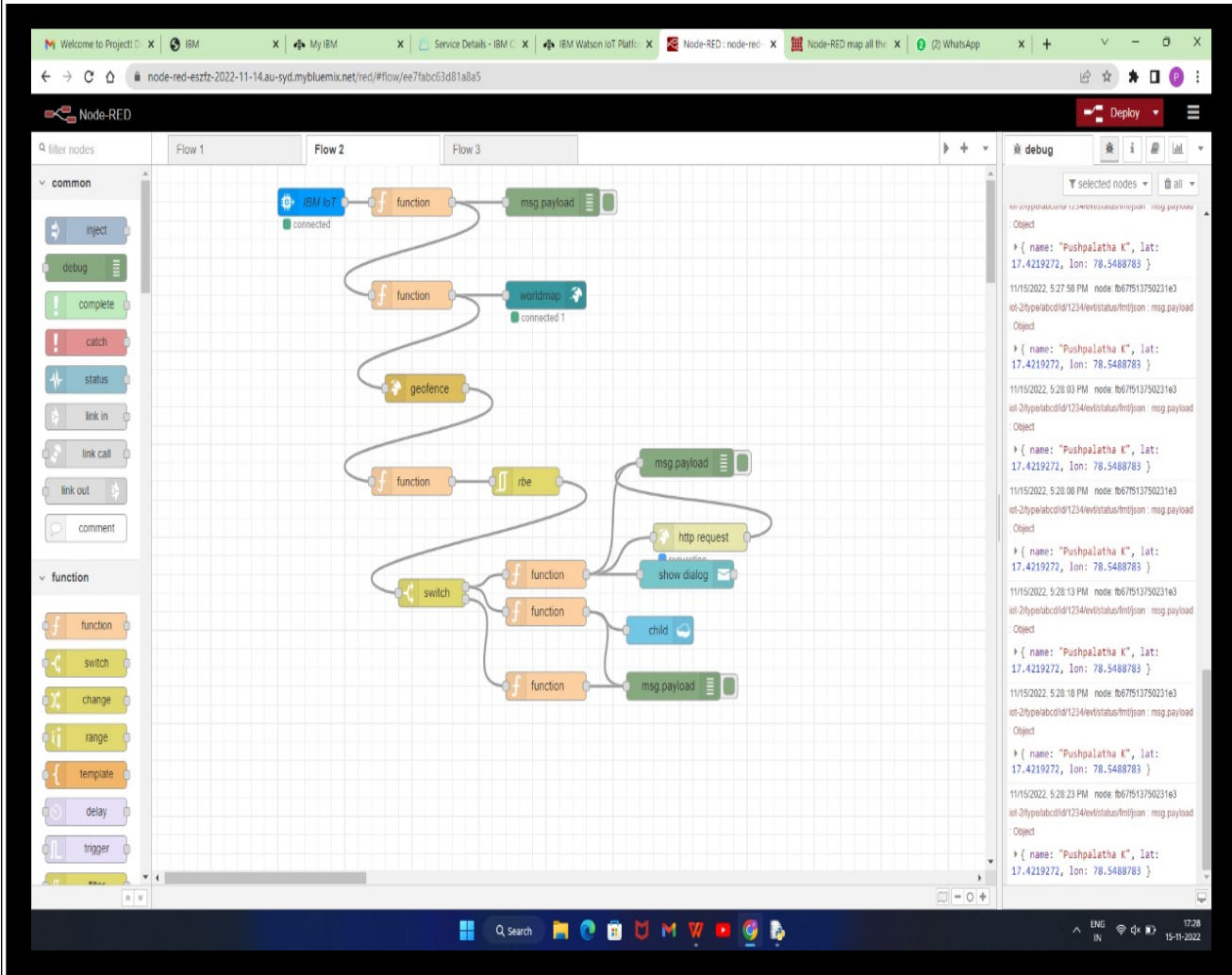


## SPRINT 2

### Steps Followed:

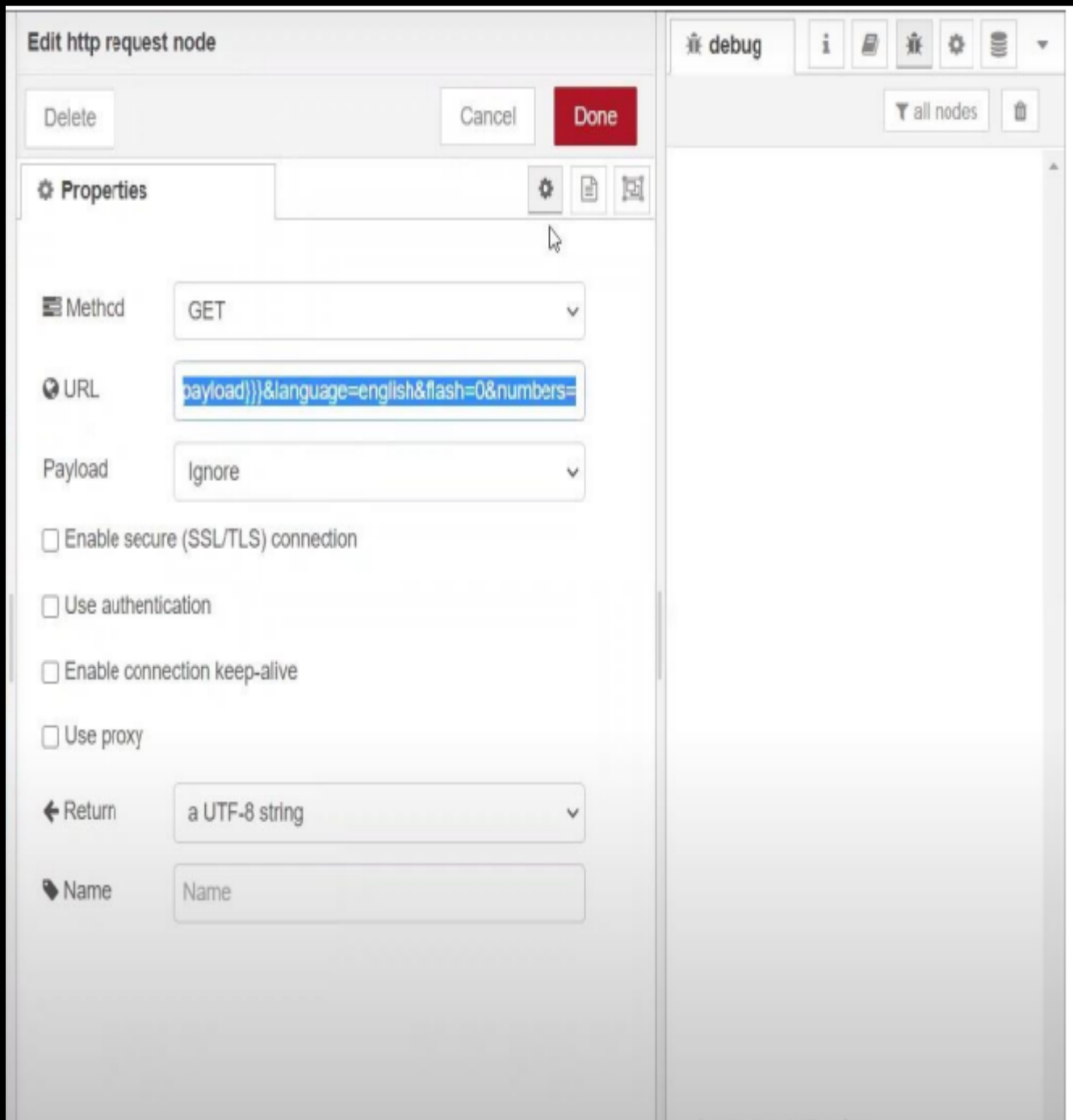
- Opened a Node-RED project





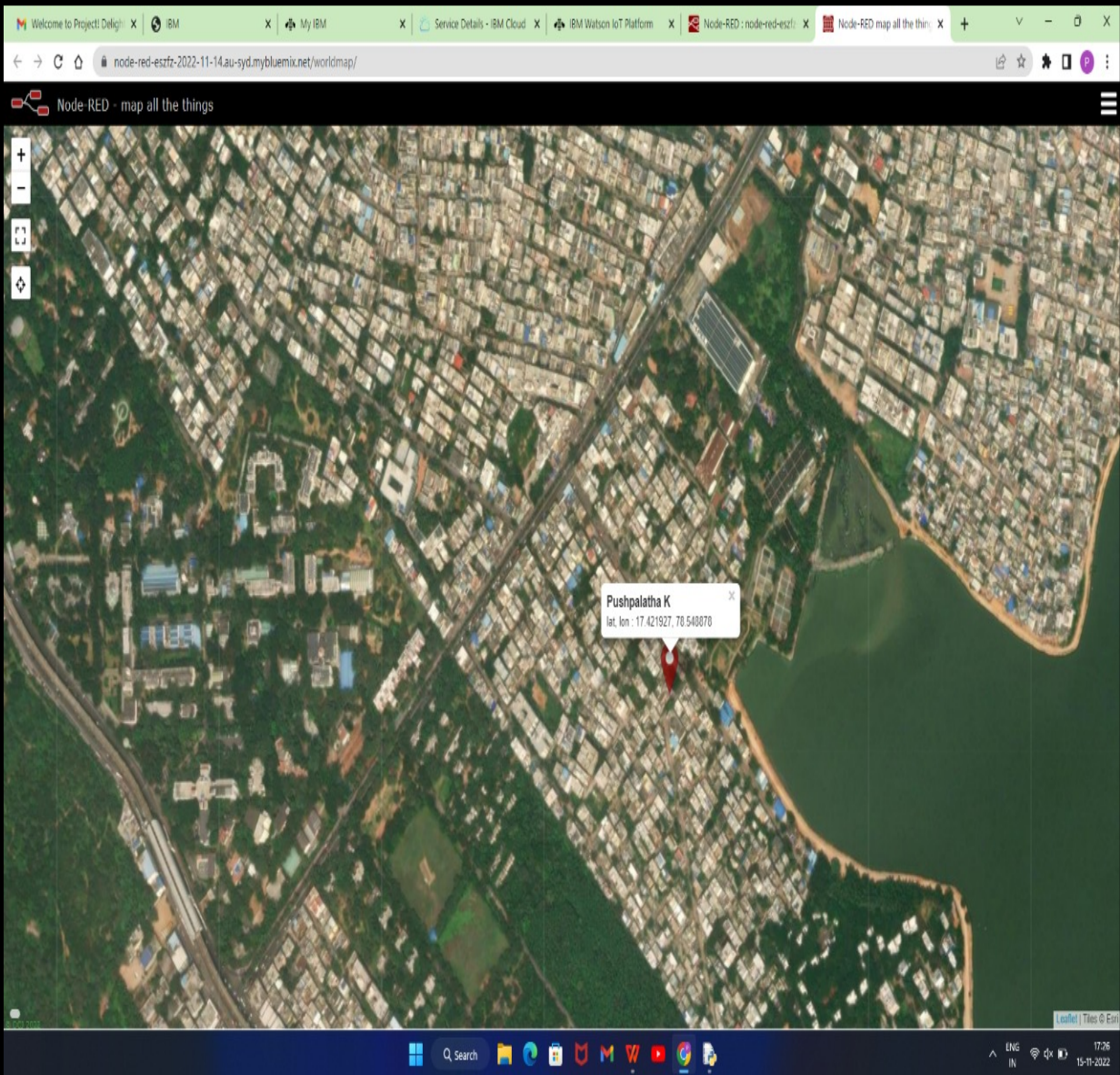
The screenshot displays the Node-RED web interface in a browser. The main workspace shows a workflow across three flows. Flow 1 starts with an 'IBM IoT' node connected to a 'function' node, which then connects to a 'msg payload' node. Flow 2 starts with a 'function' node connected to a 'worldmap' node. Flow 3 starts with a 'geofence' node connected to a 'function' node, which then connects to a 'rbe' node. The 'rbe' node is connected to a 'msg payload' node. The 'geofence' node is also connected to a 'switch' node. The 'switch' node has four outputs: a 'function' node connected to an 'http request' node, a 'function' node connected to a 'show dialog' node, a 'function' node connected to a 'child' node, and a 'function' node connected to a 'msg payload' node. The right sidebar shows the 'Edit geofence node' configuration. It includes a map of Chennai with a geofence area highlighted. The configuration fields are: Floor: ground, Ceiling: infinity, Action: add "inarea" property, Enable output of zones to WorldMap node: unchecked, Name: Geofence name, and Enabled: unchecked.

- **Editing the HTTP Request URI**

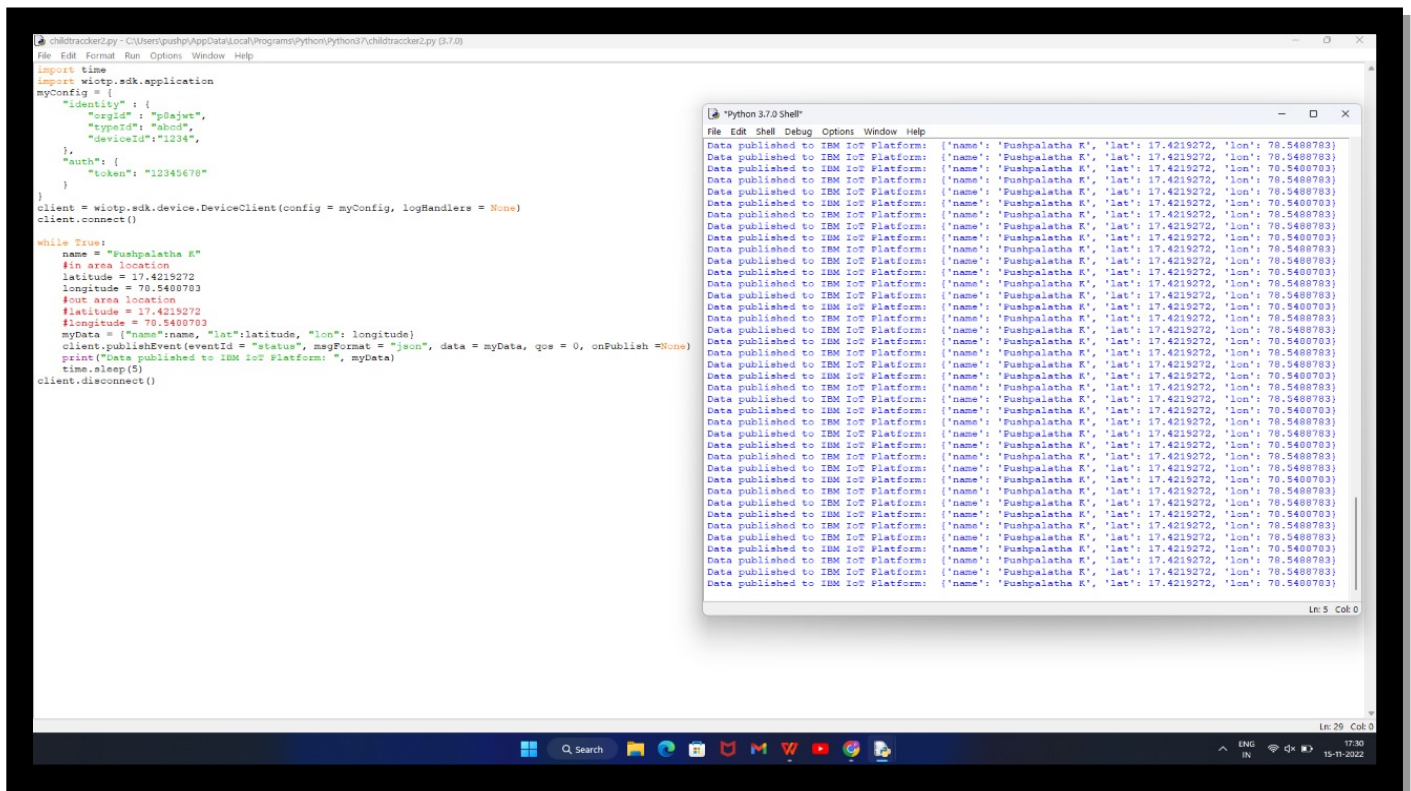
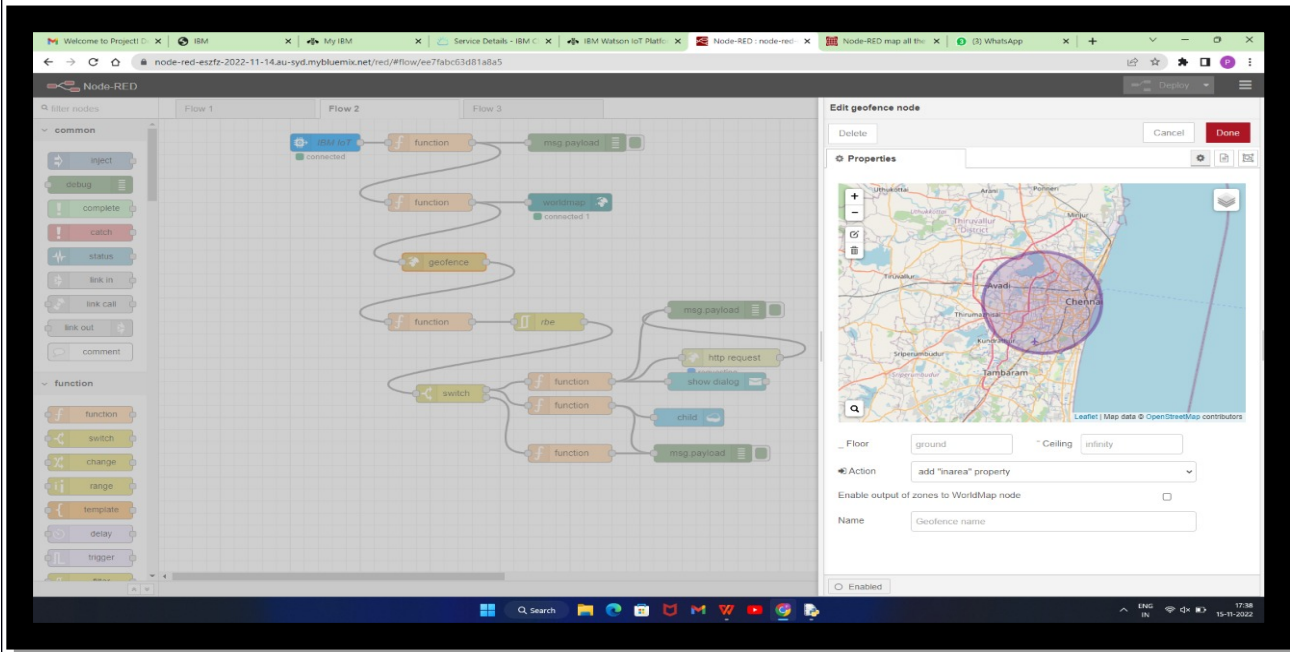


- **Located the child**





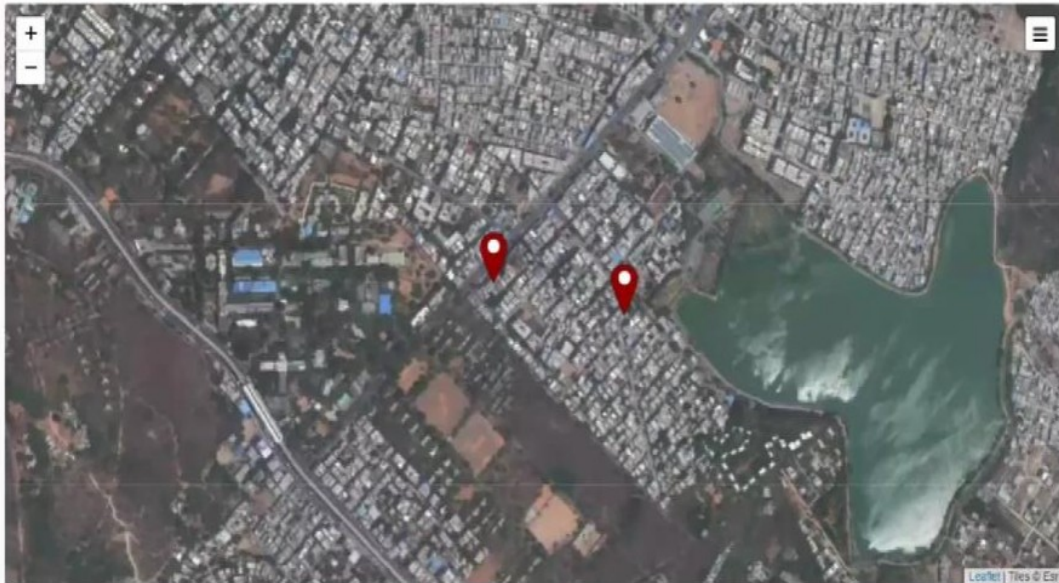
## • Created the geofence node



## • After running the script, the web UI shows “Person is not in the particular area”



Map



**Result: Successfully developed a web application using Node-RED**