

## Project Development Phase

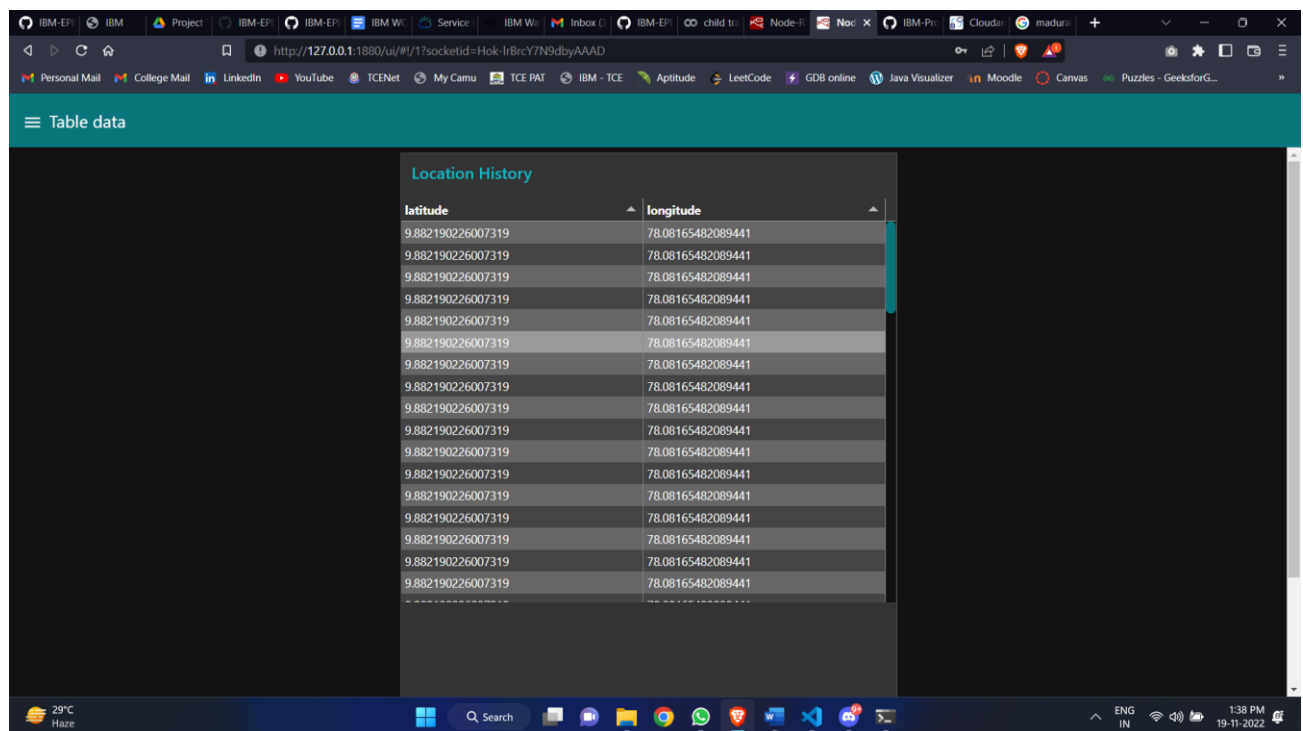
### SPRINT- 4

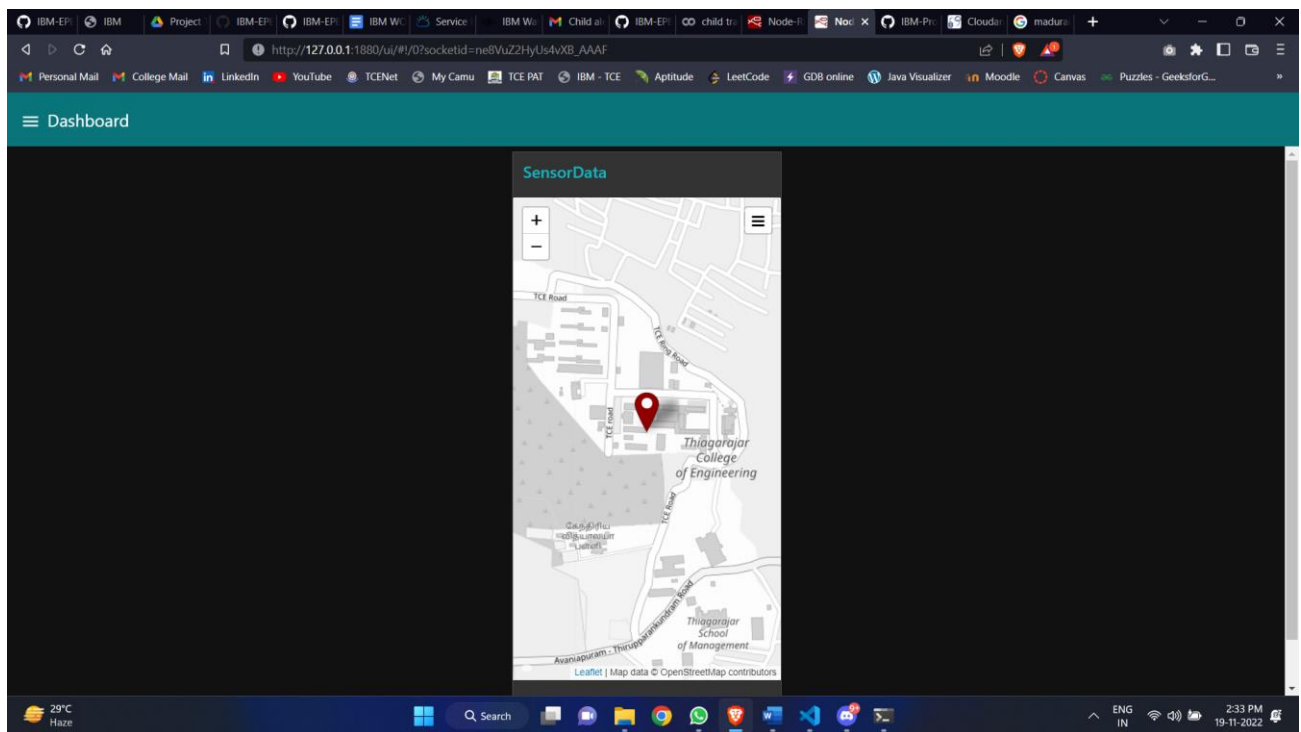
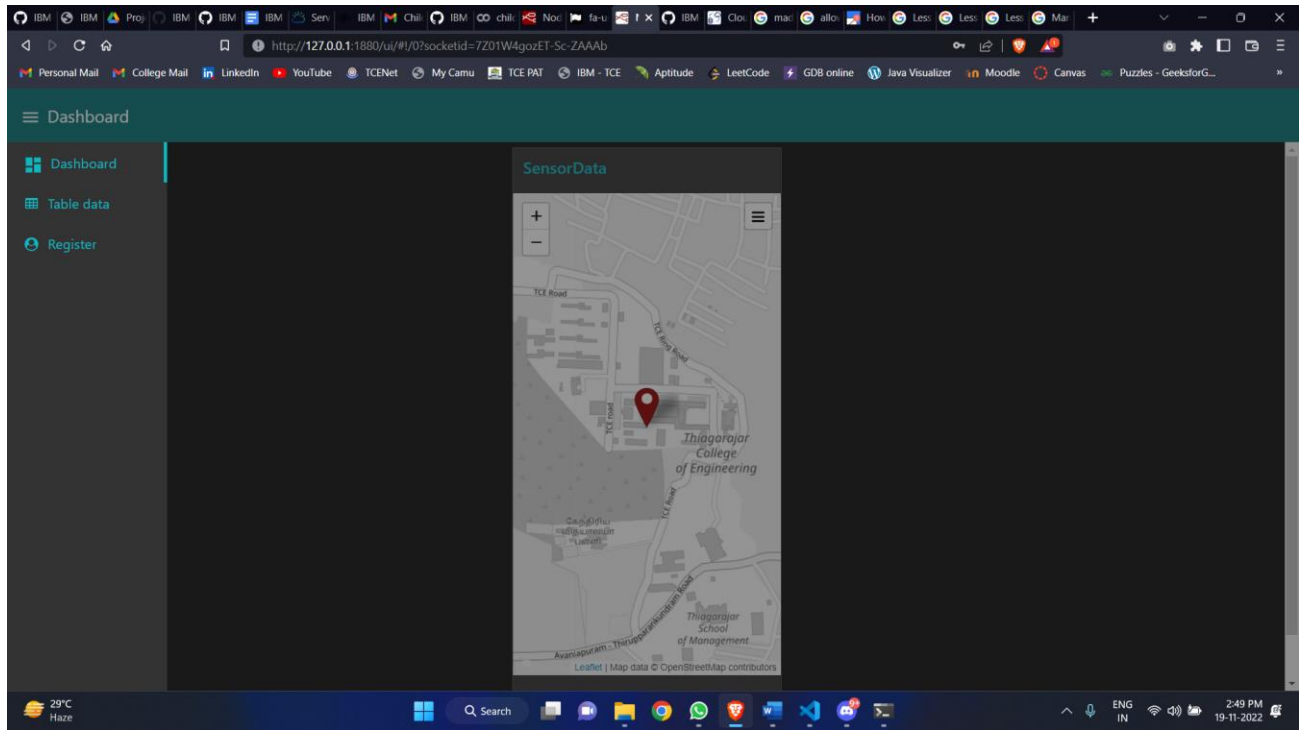
Date	19 November 2022
Team ID	PNT2022TMID21482
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	20 marks

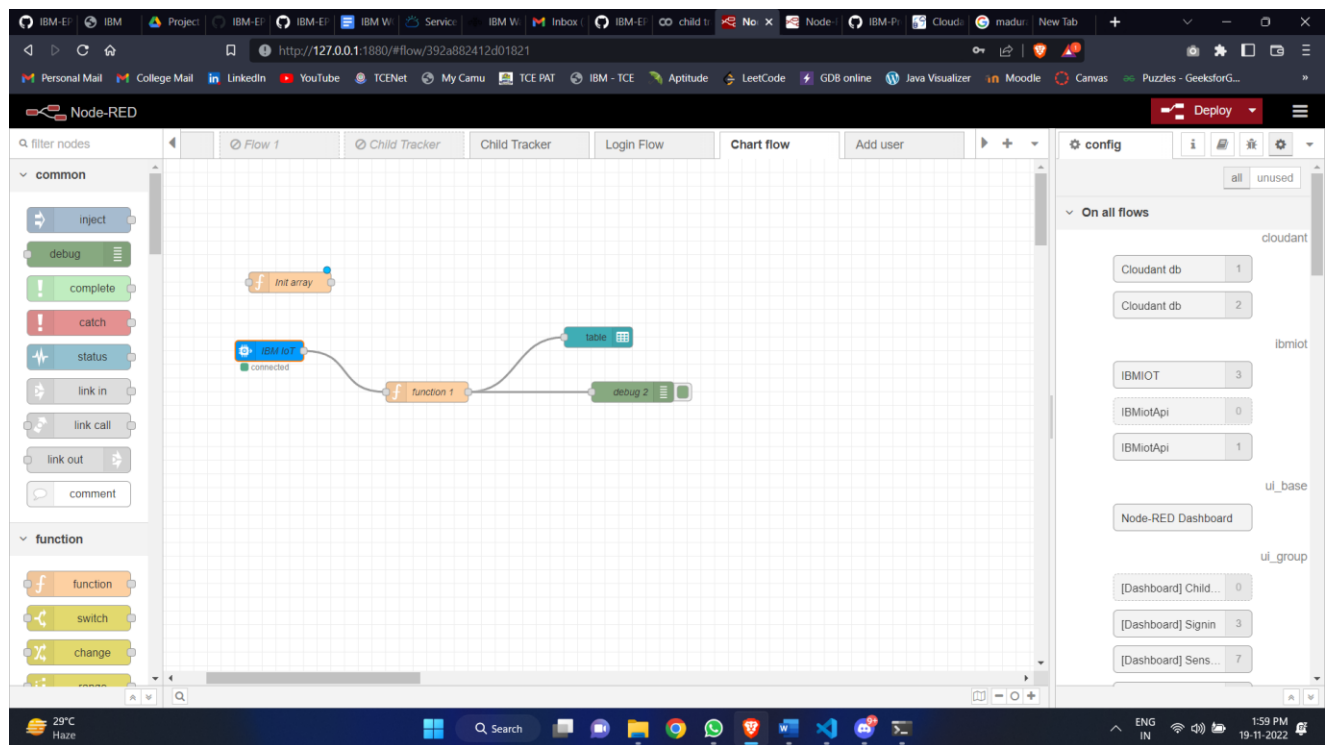
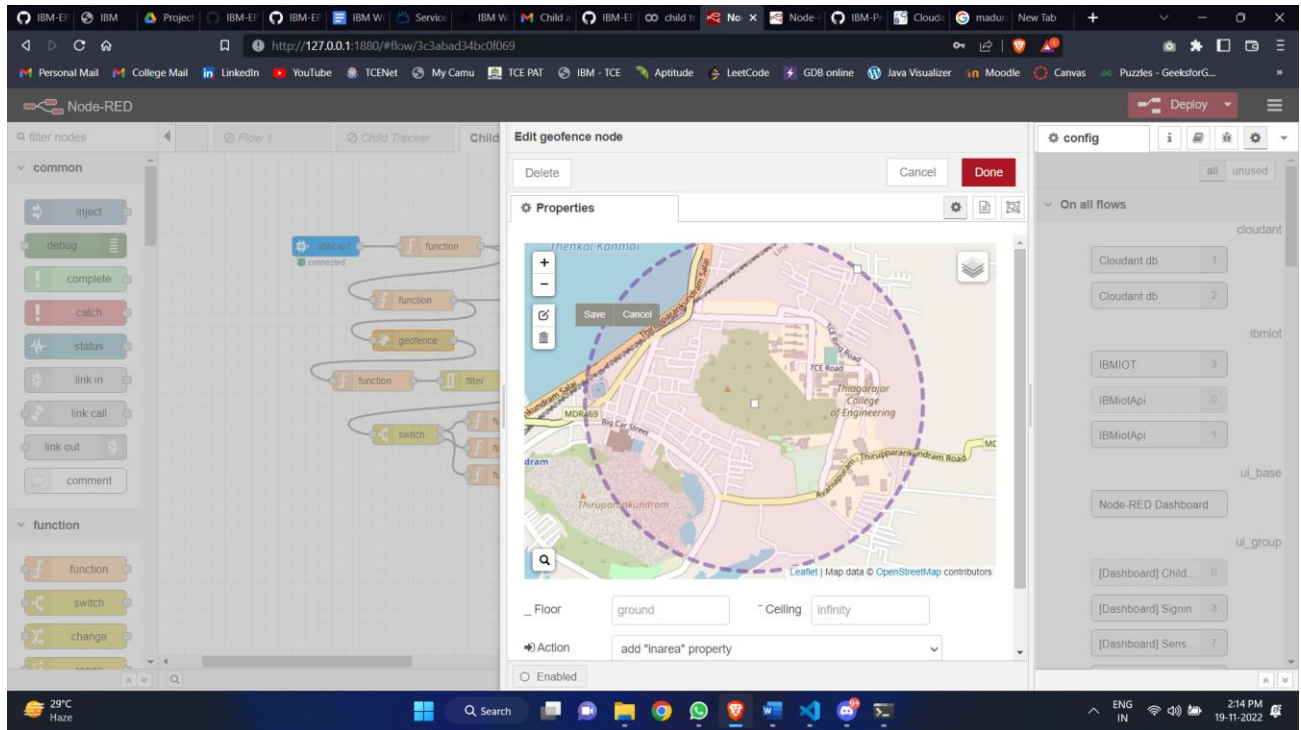
### Functional Requirements to be completed:

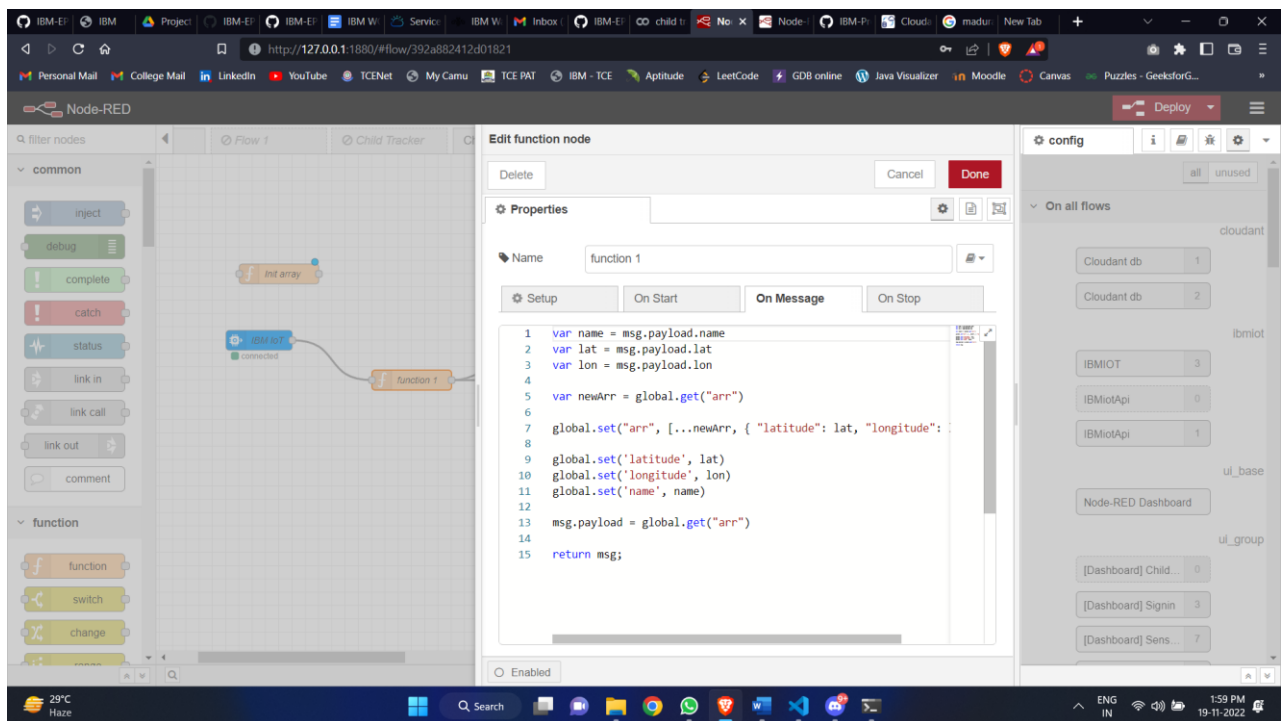
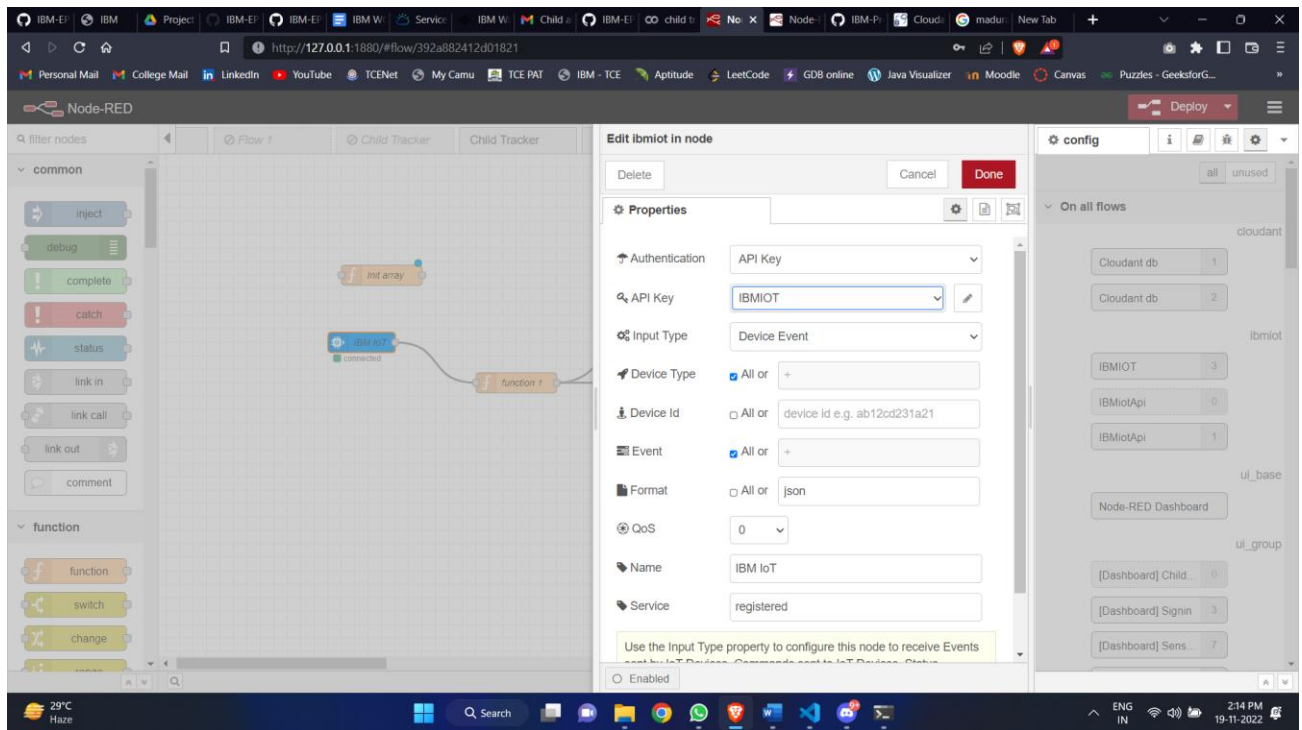
Sprint 4	Administrator	USN-11	As an administrator , I should be able to monitor the location in dashboard and set geofence limits	2	High	Eniyan M S, Manoj A
			As an admin, I can provide or revoke login credentials	2	Medium	Daya Anand C H

### Screenshots:









Node-RED interface showing a flow with an IBM IoT node connected to a function node, which is then connected to a table node. The table node configuration is visible on the right, showing properties like Group, Size, Name, and Columns.

**Edit table node configuration:**

- Group: [Table data] Location History
- Size: 11 x 9
- Name: Name
- Columns: (empty list)
- Send data on click: ☐

The configuration panel on the right shows the following settings:

- On all flows: cloudant
  - Cloudant db: 1
  - Cloudant db: 2
- ibmiot
  - IBMIOT: 3
  - IBMIOTApi: 0
  - IBMIOTApi: 1
- ui\_base
  - Node-RED Dashboard
- ui\_group
  - [Dashboard] Child...: 0
  - [Dashboard] Signin: 3
  - [Dashboard] Sens...: 7

Node-RED interface showing a flow with an IBM IoT node connected to a function node, which is then connected to a worldmap node. The worldmap node configuration is visible on the right, showing properties like Group, Size, Start, Map list, Base map, and Overlays.

**Edit worldmap node configuration:**

- Group: [Dashboard] SensorData
- Size: auto
- Start: Latitude: 9.88248086, Longitude: 78.0816494, Zoom: 16
- Map list: 10 selected
- Base map: OpenStreetMap Greyscale
- 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

The configuration panel on the right shows the following settings:

- On all flows: cloudant
  - Cloudant db: 0
  - Cloudant db: 2
- ibmiot
  - IBMIOT: 3
  - IBMIOTApi: 0
  - IBMIOTApi: 1
- ui\_base
  - Node-RED Dashboard
- ui\_group
  - [Dashboard] Child...: 0
  - [Dashboard] Signin: 3
  - [Dashboard] Sens...: 7