

Develop The Web Application Using Node-RED

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The web application should have the following features:

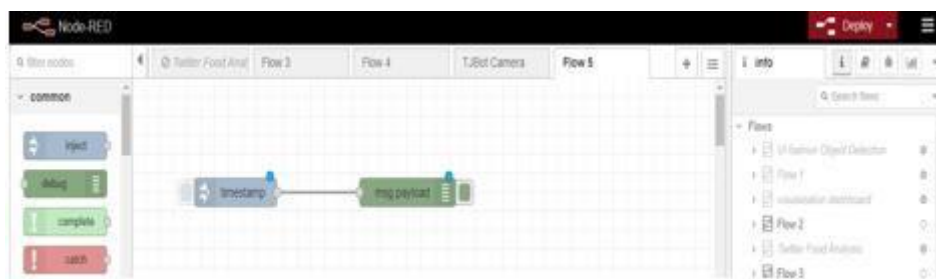
- Link to the IBM IoT platform to obtain the location information.
 - Display the location on a Google Map Verify whether or not the youngster is inside the geofence.
 - Send the notification if the child goes out of the geofence
 - Store all the location data in the cloudant DB
- Get the location by connecting to the IBM IoT platform, then store the information in Cloudant DB.

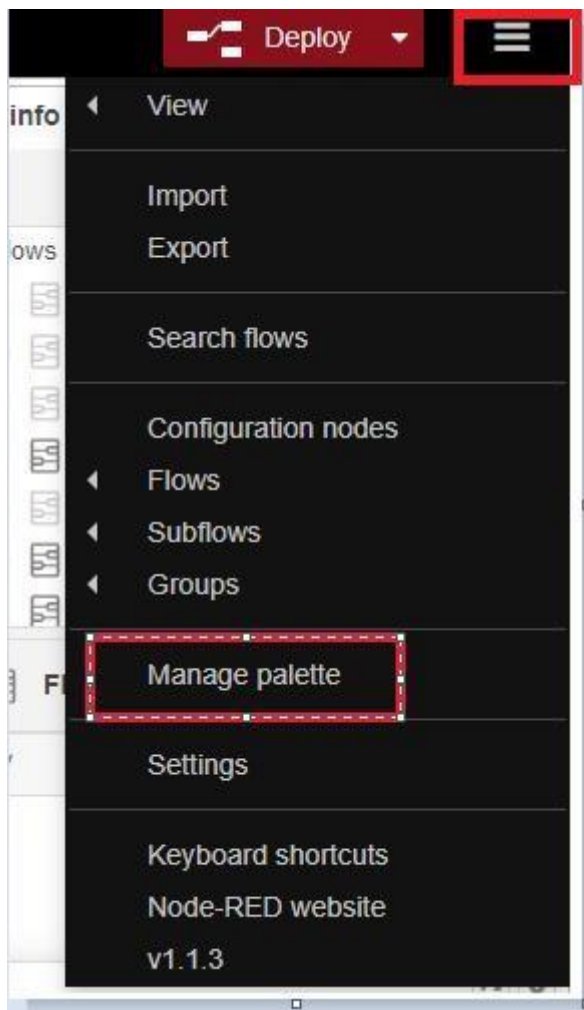
Embedding the geofence will allow you to determine if the child is inside or outside the boundary and will show the position on Google Maps.

Send the notification if the child is out of geofence.

To create a dashboard, we should need to install dashboard nodes. To install, we adhered to the procedures below.

1. When we open our node-RED flow it looks like the image below





2. To create a dashboard, we should need to install dashboard nodes. To install, we adhered to the procedures below.

3. In the manage Palette search for "node-red-dashboard" and installed it.

4. Also, we need geofence nodes for creating a geofence. to install it search for "node-red-node-geofence" in the manage palette and install them.

We need world map nodes for displaying the location in the world map. Search for "node-red-contrib-web-worldmap" in the manage palette and install them.