

Project Objectives

Date	14 October 2022
Team ID	PNT2022TMID46119
Project Name	IOT BASED SAFETY GADGETS FOR CHILD SAFETY MONITORING AND NOTIFICATIONS

Project Flow

- The GPS coordinates of the child will be sent to the IBM IoT platform
- Location can be viewed in the Web Application
- A parent can create a geofence in the web application
- The web application will check if the child is inside or outside the geofence
- Notifies the parents if the child goes out of the geofence

Create and configure IBM Cloud Services

- Create IBM Watson IoT Platform
- Create a device & configure the IBM IoT Platform
- Create Node-RED service
- Create a database in Cloudant DB to store location data

Develop a web Application using Node-RED Service

- Develop the web application using Node-RED
- Integrate the geofence & google map

Develop a python script to publish the location details to the IBM IoT platform