**Project Design Phase-I**

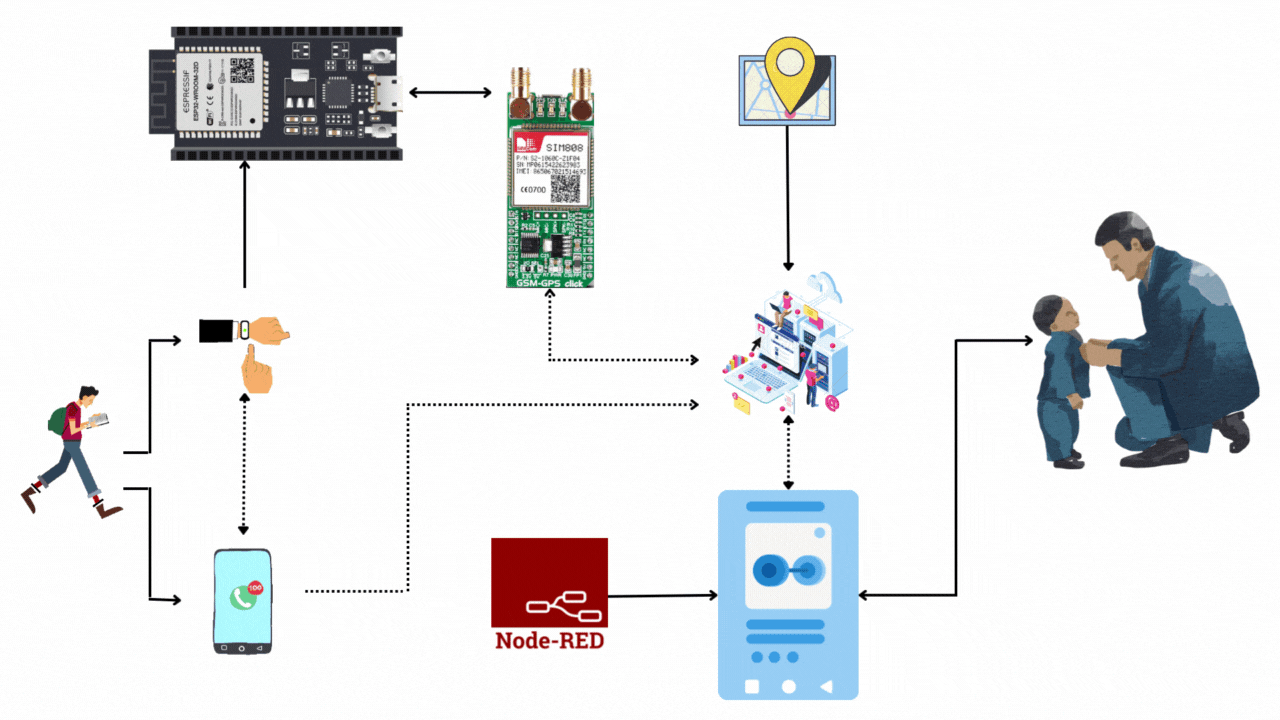
**Solution Architecture**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID52822 |
| Project Name | Project – IoT based Safety Gadget for child safety Monitoring and notification |
| Maximum Marks | 4 Marks |

**Solution Architecture Diagram:**

Get location and sent to cloud

Esp32

****

Notification to the parent, as well as the ability to set up a geofence and view the precise location of the child

Child Saftey Application

Location,Panic signal,Voice send to Application

Cloud can get location data from datbase

MAP DATABASE

App Devlopment Platform

Location+Panic signal+voice

Both gadgets and mobile devices can communicate.

Location+Panic signal

GPS&GSM

Panic button signal

Figure 1: Architecture and data flow of the IoT based Safety Gadget for child safety Monitoring and notification