

# **Iot Based Safety Gadget For Child Safety Monitoring &Notification**

|                |                         |
|----------------|-------------------------|
| <b>Team Id</b> | <b>PNT2022TMID07742</b> |
|----------------|-------------------------|

## **1. Prerequisites**

- >> IBM Cloud Services
- >> Software

## **2.Project Objectives**

- >> Abstract
- >> Brainstorming

## **3.Create And Configure IBM Cloud Services**

- >> Create IBM Watson Iot Platform And Device
- >> Create Node- Red Service
- >> Create A Database In Cloudant DB

## **4.Develop The Python Script**

- >> Develop A Python Script

## **5. Develop A Web Application Using Node-RED Service.**

- >> Develop The Web Application Using Node-RED

## **6.Ideation Phase**

- >> Literature Survey On The Selected Project & Information Gathering
- >> Prepare Empathy Map
- >> Ideation

## **7.Project Design Phase -1**

- >> Proposed Solution
- >> Prepare Solution Fit
- >> Solution Architecture

## **8.Project Design Phase -2**

- >> Customer journey
- >> Functional Requirement
- >> Data Flow Diagram
- >> Technology Architecture

## **9.Project planning Phase**

- >> Prepare Milestones & Activity List
- >> Sprint Delivery Plan

## **10.Project Development Phase**

-» Project Development-Delivery Of Sprint-1

- » Project Development-Delivery Of Sprint-2
- » Project Development-Delivery Of Sprint-3
- » Project Development-Delivery Of Sprint-4