

# IBM Cloud Service

Date	10 November 2022
Team ID	PNT2022TMID12772
Project Name	Project -IoT Based Safety Gadget for Child Safety Monitoring & Notification

## **IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION**

### **1) Prerequisites.**

- IBM Cloud services

### **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 Architecture

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

- Customer journey
- Functional Requirement
- Data Flow Diagram
- Technology Architecture
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### **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