

# MILESTONES AND ACTIVITY LISTS

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

### **1. Prerequisites**

- » IBM Cloud Services
- » Software

### **2. Project Objectives**

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#### **» 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