

# **MILESTONES AND ACTIVITY LISTS**

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

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### **1. Preparation Phase**

#### **→ Pre-requisites**

- ✓ IBM Cloud
- ✓ Software

#### **→ Project Objectives**

- ✓ Abstract
- ✓ Brainstorming

### **2. Create and Configure IBM Cloud Services**

- Create IBM Watson IoT Platform and Device
- Create Node Red Service
- Create a Database in Cloudant DB

### **3. Develop the Python Script**

- Develop a Python Script

### **4. Develop a web application using Node-RED Service**

- Develop a web application using Node-RED
  - ✓ Registrations
  - ✓ Environment Set-up

### **5. Ideation Phase**

- Literature Survey
- Empathize
- Defining Problem Statement
- Ideation

## **6. Project Design Phase 1**

- Proposed Solution
- Problem Solution Fit
- Solution Architecture

## **7. Project Design Phase 2**

- Requirement Analysis
- Customer Journey
- Data flow Diagram
- Technology Architecture

## **8. Project Planning Phase**

- Milestone and Tasks
- Sprint Schedules

## **9. 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