

# MILESTONES AND ACTIVITY LIST

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

### 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

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