

## **MILESTONES AND ACTIVITY LISTS**

### **PROJECT TITLE :**

**IoT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NODIFICATION**

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#### **1. Prerequisites**

- IBM Cloud Services
- Software

#### **2. Project Objectives**

- Creating Abstract
- Brainstorming

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

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

#### **4. Ideation Phase**

- Creating a Literature Survey on The Selected Project & Information Gathering
- Preparing an Empathy Map
- Ideating

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

- Proposing a Solution
- Preparing a Solution Fit

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

- Creating a Customer Journey map
- Analyzing Functional Requirements
- Creating Data Flow Diagram

\*Creating Technology Architecture

#### **7. Project planning Phase**

\*Preparing Milestones & Activity List

\*Creating Sprint Delivery Plan

## **8. Project Development Phase**

- Developing an IoT device using IBM Watson IOT python and node red services
- Making sure all the requirements are met
- Product is tested
- Quality of the product is checked
- The project is now ready for use