

## **PROJECT PLANNING PHASE**

### **Milestone and Activity List**

Date	11-11-2022
Team ID	PNT2022TMID42919
Project Name	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