

**PROJECT PLANNING PHASE**  
**MILESTONE & ACTIVITY LIST**

Date	06 November 2022
Team ID	PNT2022TMID12772
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	8 Marks

**IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION**

**1) Prerequisites.**

IBM Cloud services

**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

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