

PREPARE MILESTONES AND ACTIVITY LIST

IOT Based Safety Gadget For Child Safety Monitoring &Notification

Date	2 November 2022
Team ID	PNT2022TMID31072
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