

Iot Based Safety Gadget For Child Safety Monitoring &Notification

TEAM ID: PNT2022TMID15029

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

Develop A Web Application Using Node-RED Service.

5.Ideation Phase

- »Literature Survey On The Selected Project & Information Gathering
- »Prepare Empathy Map
- »Ideation

6.Project Design Phase -1

- »Proposed Solution
- »Prepare Solution Fit
- »Solution Architecture

7. Project Design Phase -2

- » Customer journey
- » Functional Requirement
- » Data Flow Diagram
- » Technology Architecture

8. Project planning Phase

- » Prepare Milestones & Activity List
- » Sprint Delivery Plan

9. 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