**TEAM ID:** PNT2022TMID12733

**DATE: 12.10.2022**

**Iot Based Safety Gadget For Child Safety Monitoring &Notification**

**1**. **Prerequisties**

-》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