**TEAM ID:** PNT2022TMID41960

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

# Pre requirements

-》IBM Cloud Services

-》Software

# Project Objectives

-》Abstract

-》Brainstorming

# Create And Configure IBM Cloud Services

-》Create IBM Watson IOT Platform And Device

-》Create Node- Red Service

-》Create A Database In Cloud DB

# Develop The Python Script

-》Develop A Python Script

# Develop A Web Application Using Node-RED Service.

-》Develop The Web Application Using Node-RED

# Ideation Phase

-》Literature Survey On The Selected Project & Information Gathering

-》Prepare Empathy Map

-》Ideation

# Project Design Phase -1

-》Proposed Solution

-》Prepare Solution Fit

-》 Solution Architecture

# Project Design Phase -2

-》Customer journey

-》 Functional Requirement

-》Data Flow Diagram

-》Technology Architecture

# Project planning Phase

-》 Prepare Milestones & Activity List

-》 Sprint Delivery Plan

# 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