# TEAM ID: PNT2022TMID01821

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

# Prerequisites

-》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 Cloudant 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

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# 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

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