

## **MILESTONES AND ACTIVITY LISTS**

<b>TEAM ID</b>	PNT2022TMID44407
<b>TOPIC</b>	IOT based safety gadget for child safety monitoring and notification
<b>TEAM LEADER</b>	Bhuvaneshwari M
<b>TEAM MEMBER -1</b>	Indhumathi P
<b>TEAM MEMBER -2</b>	Maheshwari M
<b>TEAM MEMBER -3</b>	Pavithra R
<b>TEAM SIZE</b>	4
<b>MENTOR</b>	Ananth E

### **1. PREREQUISITIES**

- IBM Cloud Services
- Software

### **2. PROJECT OBJECTIVES**

- Abstract
- Brainstorming

### **3. CREATE AND CONFIGURE IBM CLOUD SERVICE**

- 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 SERVICES**

- 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