

## MILESTONES & ACTIVITY LIST

Date	31 September 2022
Team ID	PNT2022TMID48274
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Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification.

### Milestones,

**Topic: IOT Based Child Safety gadget for child safety monitoring and notification.**

#### **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.

## **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