# PROJECT PLANNING PHASE

**Milestone and Activity List**

|  |  |
| --- | --- |
| Date | 11-11-2022 |
| Team ID | PNT2022TMID31679 |
| Project Name | 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

# 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