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| **TEAM ID** | PNT2022TMID37442 |
| **PROJECT** | **IoT Based Safety Gadget for Child Safety Monitoring & Notification** |

**MILESTONE AND ACTIVITY LIST**

**IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING & NOTIFICATION**

**MILESTONE**

A project milestone is a management tool that is used to delineate a point in a project schedule. These points can note the start and finish of a project, and mark the completion of a major phase of work. Milestones can be used to symbolize anything that has started or finished, though it’s primarily used as a scheduling tool.

**ACTIVITY LIST**

**PREREQUISITES**

* IBM Cloud Services
* Software

**PROJECT OBJECTIVES**

* **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**
* **Problem solution fit**
* **Solution architecture**

**PROJECT DESIGN PHASE-2**

* **Customer journey**
* **Functional requirement**
* **Data flow diagram**
* **Technology architecture**

**PROJECT PLANNING PHASE**

* **Prepare milestone & 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**