MILESTONES AND ACTIVITY LISTS

Iot Based Safety Gadget For Child Safety Monitoring &Notification

Date	18 October 2022
Team ID	PNT2022TMID18337
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	8 Marks

1. Preparation Phase
- ❖ **Pre-requisites**
  - ▪ IBM Cloud
  - ▪ Software

- ❖ **Project Objectives**
  - ▪ Abstract
  - ▪ Brainstorming

2. Create and Configure IBM Cloud Services
- ❖ Create IBM Watson IoT Platform and Device
- ❖ Create Node Red Service
- ❖ Create a Database in Cloudant DB

3. Develop the Python Script
- ❖ Develop a Python Script

4. Develop a web application using Node-RED Service
- ❖ Develop a web application using Node-RED
  - ▪ Registrations
  - ▪ Environment Set-up

5. Ideation Phase
- ❖ Literature Survey
- ❖ Empathize
- ❖ Defining Problem Statement
- ❖ Ideation

6. Project Design Phase 1
- ❖ Proposed Solution
- ❖ Problem Solution Fit
- ❖ Solution Architecture

7. Project Design Phase 2
- ❖ Requirement Analysis
- ❖ Customer Journey
- ❖ Data flow Diagram
- ❖ Technology Architecture

8. Project Planning Phase
- ❖ Milestone and Tasks
- ❖ Sprint Schedules

9. 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