

## MILESTONES AND ACTIVITY LISTS

Date	25 October 2022
Team ID	PNT2022TMID22491
Project Name	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

### 1. Preparation Phase (22.08.22 to 27.08.22)

- ❖ Pre-requisites
  - ❖ **Pre-requisites**
    - IBM Cloud
    - 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 a web application using Node RED
- ❖ Registrations
- ❖ Environment Set-up

### 2. Ideation Phase (29.08.22 to 17.09.22)

- ❖ Literature Survey
- ❖ Empathize
- ❖ Defining Problem Statement
- ❖ Ideation

### 3. Project Design Phase 1 (19.09.22 to 09.10.22)

- ❖ Proposed Solution
- ❖ Problem Solution Fit
- ❖ Solution Architecture

#### **4. Project Design Phase 2 (09.10.22 to 25.10.22)**

- ❖ Requirement Analysis
- ❖ Customer Journey
- ❖ Data flow Diagram
- ❖ Technology Architecture

#### **5. Project Planning Phase (25.10.22 TO 30.10.22)**

- ❖ Milestone and Tasks
- ❖ Sprint Schedules

#### **6. Project Development Phase (30.10.22 to 19.11.22)**

- ❖ Coding and Solutioning
- ❖ Acceptance Testing
- ❖ Performance Testing