

# **Prepare Milestone & Activity List**

TEAM ID : PNT2022TMID31883

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## **Smart Waste Management System for Metropolitan Cities**

### **1. Prerequisites**

- »IBM Cloud Services
- »Software

### **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
- »Publish Data To The IBM Cloud

### **4.Develop A Web Application Using Node-RED Service.**

- »Develop The Web Application Using Node-RED
- »Use Dashboard Nodes For Creating UI(Web App)

### **5.Ideation Phase**

- »Literature Survey On The Selected Project & Information Gathering
- »Prepare Empathy Map
- »Ideation

### **6.Project Design Phase -1**

- »Proposed Solution
- »Prepare Solution Fit
- »Solution Architecture

## **7.Project Design Phase -2**

- »Customer journey
- » Functional Requirement
- »Data Flow Diagram
- »Technology Architecture

## **8.Project planning Phase**

- » Prepare Milestones & Activity List
- » Sprint Delivery Plan

## **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