

TEAM ID: PNT2022TMID37209

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Smart Waste Management System for Metropolitan Cities using IOT

1. Prerequisties

- ❑ IBM Cloud Services
- ❑ Software

2.Project Objectives

- ❑ Abstract
- ❑ Brainstorming

3.Create And Configure IBM Cloud Services

- ❑ Create IBM Watson Iot Platform And Device
- ❑ Create Node- Red Service
- ❑ Create A Database In Cloudant DB

4.Develop The Python Script

- ❑ Develop A Python Script

5. Develop A Web Application Using Node-RED Service.

- ❑ Develop The Web Application Using Node-RED

6.Ideation Phase

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

7.Project Design Phase -1

- ❑ Proposed Solution
- ❑ Prepare Solution Fit
- ❑ Solution Architecture

8.Project Design Phase -2

- ❑ Customer journey
- ❑ Functional Requirement
- ❑ Data Flow Diagram
- ❑ Technology Architectur

9.Project planning Phase

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

10.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