

## PROJECT PLANNING PHASE

### MILESTONES AND ACTIVITY LIST

Date	22 October 2022
Team ID	PNT2022TMID22482
Project Name	Smart waste management for metropolitan cities
Team members	Saravanan G Anand Krishnan N Mohamed Idris M Kishore Kumar J

#### MILESTONES AND ACTIVITY LIST:

S. No	Milestone	Activities	Start	Finish	Status
1.	Pre requisites	Create an IBM account	22/08/22	27/08/22	Complete
	👤 IBM cloud Service		22/08/22	27/08/22	Complete
	👤 MIT App Inverter	Sign up for MIT app Inverter for Creating Apps	22/08/22	27/08/22	Complete
	👤 Software	Install Python IDLE 3.7.0	22/08/22	27/08/22	Complete
2.	Project Objectives	Prepare the Project Objectives	22/08/22	27/08/22	Complete
3.	Create and Configure IBM Cloud Services		03/10/22	19/10/22	Complete
	👤 Create a IBM Watson IoT Platform And A Device	Create an IBM Watson IoT Platform and A Device	03/10/22	10/10/22	Complete
	👤 Create Node RED Service	Create Node RED Service	10/10/22	19/10/22	Complete

4.	Develop a Python Script	Develop a Python code	12/10/22	19/10/22	Complete
5.	Build a Web application Using Node-RED Service	Build a Web application Using Node-RED Service	22/08/22		In Progress
6.	Develop a Mobile Application	Develop A Mobile Application	22/08/22		In Progress
7.	Ideation Phase		29/08/22	17/09/22	Complete
	🕒 Literature Survey	Literature Survey On the selected Project & Information Gathering	29/08/22	03/09/22	Complete
	🕒 Empathy Map	Prepare Empathy Map Canvas to Capture the User's Pain & Gain, Prepare List of Problem Statement	05/09/22	10/09/22	Complete
	🕒 Ideation	List the Ideas by organizing the Brainstorming session & Importance	12/09/22	17/09/22	Complete
8.	Project Design Phase-I		12/09/22	01/10/22	Complete
	🕒 Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	12/09/22	17/09/22	Complete
	🕒 Problem Solution Fit	Prepare problem - solution fit document	26/09/22	01/10/22	Complete
	🕒 Solution Architecture	Prepare Solution Architecture	26/09/22	01/10/22	Complete
9.	Project Design Phase-II		03/10/22	15/10/22	Complete
	🕒 Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application	03/10/22	08/10/22	Complete
	🕒 Functional Requirement	Prepare the Functional Requirement Document	10/10/22	15/10/22	Complete
	🕒 Data Flow Diagrams & User Stories	Prepare the Data Flow Diagram Document & User Stories	10/10/22	15/10/22	Complete
	🕒 Technology Architecture	Prepare Technology Architecture of the solution	10/10/22	15/10/22	Complete

10.	Project Planning Phase		17/10/22	22/10/22	Complete
	⌚ Prepare milestone and Activity List	Prepare Milestone & Activity List	17/10/22	22/10/22	Complete
	⌚ Sprint Delivery Plan	Prepare Sprint Delivery Plan	17/10/22	22/10/22	In progress
11.	Project Development Phase		24/10/22	19/11/22	In Progress
	⌚ Delivery of Sprint-1	Attend the AMA / Expert Session- 1, Project Development - Delivery of Sprint-1	24/10/22	29/10/22	Not Started
	⌚ Delivery of Sprint-2	Attend the AMA / Expert Session-2, Project Development - Delivery of Sprint-2	31/10/22	05/11/22	Not Started
	⌚ Delivery of Sprint-3	Attend the AMA / Expert Session-3, Project Development Delivery of Sprint-3	07/11/22	12/11/22	Not Started
	⌚ Delivery of Sprint-4	Attend the AMA / Expert Session-4, Project Development - Delivery of Sprint-4	14/11/22	19/11/22	Not Started

