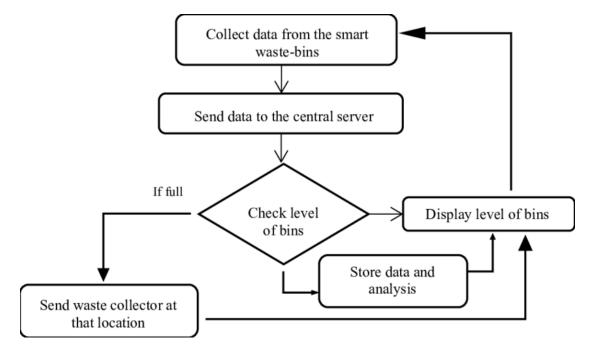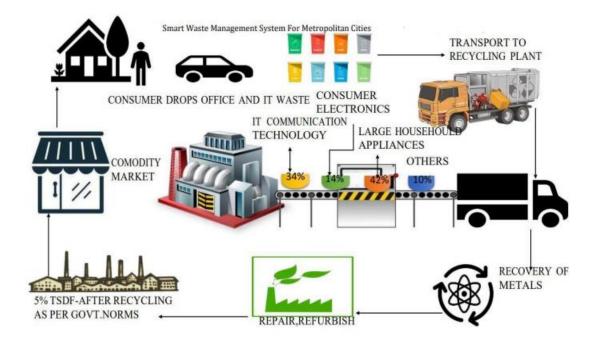# Project Design Phase-II

Data Flow Diagram

Date	22 October 2022
Team ID	PNT2022TMID33876
Project Name	Smart Waste Management System for Metropolitan Cities
Maximum Marks	4 Marks

Data Flow Diagrams:

Smart Waste Management System For Metropolitan Cities

CONSUMER DROPS OFFICE AND IT WASTE

CONSUMER ELECTRONICS

IT COMMUNICATION TECHNOLOGY

LARGE HOUSEHOULD APPLIANCES

OTHERS

TRANSPORT TO RECYCLING PLANT

COMODITY MARKET

34% 14% 42% 10%

RECOVERY OF METALS

5% TSDF-AFTER RECYCLING AS PER GOVT.NORMS

REPAIR,REFURBISH

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

User Stories:

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin (who manage web server)	Web server login	USN-1	As a admin, I have my user name and password for every worker and co- workers to manage them	I can manage web account and direct workers	High	Sprint-1
Co-admin	Login	USN-2	As a co- admin, I'll manage other monitoring activities like garbage level monitoring, location accuracy, garbage separation and removal of waste within a scheduled time.	I can monitor garbage bins activities.	High	Sprint-2
Customer(Web user)	User	USN-3	Here comes the customer, he/she will have access to mobile apps or login web pages to view progress of bins and to report if any query found.	He/she has the right to make a query if any.	High	Sprint-3
Customer Care Executive	Worker	USN-4	The customer care executive, will try to rectify the queries from customers by contacting co-admin. If case of any critical/ emergency situation query can be conveyed to higher authority.	I can attend calls, and respond people, by rectifying the problem.	High	Sprint-4
Truck driver	Worker	USN-5	Here, truck driver is a worker who has particular assignments that he has to report when and where the garbage has been picked according to the daily schedule. And should update the happenings in the given website (webpagelogin)	I can update my activities onsite when the given task has been completed.	Moderate	Sprint-5