Project Design Phase-II
Data Flow Diagram &User Stories

Date	07October 2022
Team ID	PNT2022TMID02546
Project Name	Project - Smart Waste management System for Metropolitan Cities
Maximum Marks	4 Marks

Data Flow Diagrams:

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.

Data flow diagram

Household

Disposed Waste

Notification one the trash cans are full

Locate the area

Clean Up the waste

Update the data

Keep the city clean

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard.	High	Sprint-1
Customer	Organise	USN-2	Organize an additional monitoring tasks, such as garbage level monitoring. Precision in location, rubbish separation, and timely waste removal.	Monitor Garbage bin activity.	High	Sprint-2
Customer	Monitor	USN-3	Here comes the client, who will have access to mobile applications or login webpages to watch bin progress and report any issues.	He/She has right to make query.	High	Sprint-3
Sanitary Worker	Clean	USN-4	Here, a truck driver is a person who has certain responsibilities and who must report when and where, in accordance with the daily plan, the rubbish has been picked up. And ought to update the events on the specified website (webpage login).	Update the activity in the website.	High	Sprint-4