Project Design Phase-II
Data Flow Diagram &
User Stories

Date	03 October 2022
Team ID	PNT2022TMID52032
Project Name	Smart waste management system in 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.

Example: (Simplified)
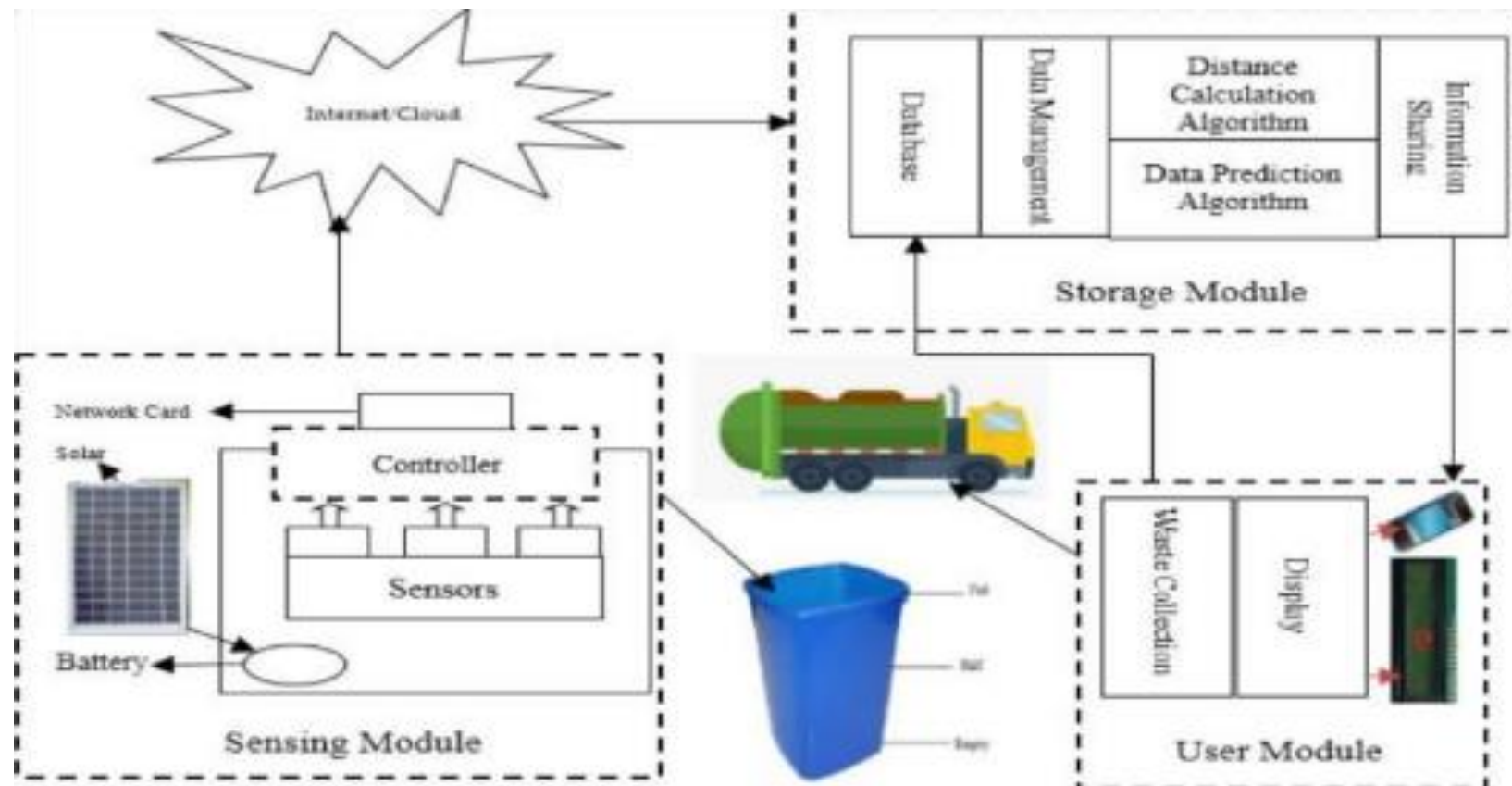
User Stories :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin (Who manage web server)	Login	USN-1	As an admin, I gave user id and password for every workers and manage them.	I can manage web account / dashboard	Medium	Sprint-2
Co Admin	Login	USN-2	As a Co Admin, I'll manage garbage level monitor.If garbage get filling alert I will post location and garbage id to trash truck.	I can manage garbage monitoring	High	Sprint-1
Truck Driver	Login	USN-3	As a Truck Driver, I'll follow the route send by the Co Admin to reach the filled garbage.	I can drive to reach the garbage filled route in shortest route given	Medium	Sprint-2
Local Garbage Collector	Login	USN-4	As a Waste Collector, I'll collect all the trash from garbage and load into garbage truck and send them to Landfill.	I can collect trash and pulled to truck and send off	Medium	Sprint-2

Municipality login		USN-5	As a Municipality, I'll check process are happening in discipline manner without any Issues.	I can manage all these process going good	High	Sprint-1