

Project Design Phase-II

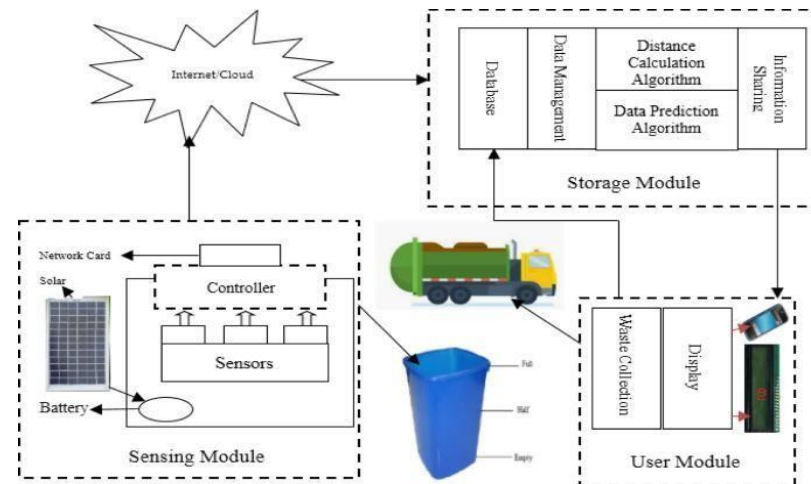
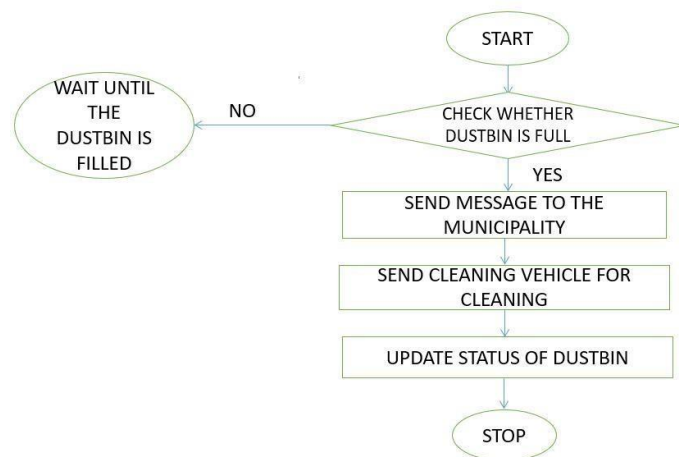
Data Flow Diagram & User Stories

Dare	16 October 2022
Team ID	PNT2022TMID30606
Project Name	Smart Waste Management System for Metropolitan Cities
Maximum Marks	4 Marks

Data Flow Diagram:

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.

DFD for smart waste management System for metropolitan cities.



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
Authorised Person(Manages web app)	Login	USN-1	As an authorised person, I gave user id and password for every workers and manage them.	I can access web page /dashboard	Medium	Sprint-2
Admin	Login	USN-2	As a admin, I will manage garbage level monitor. When garbage gets 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 driver, I'll follow the route sent by user to reach the filled garbage location.	I can drive to reach the garbage filled route in dynamic route given.	Medium	Sprint-2
Garbage Collector	Login	USN-4	As a garbage collector, I'll collect all the garbage from garbage bin and load it to the truck and send them to landfill.	I can collect garbage and pulled to truck.	Medium	Sprint-2
Municipality	Login	USN-5	As a municipality, I'll check the process are happening in discipline manner without any issues.	I can manage all the process going good.	High	Sprint-1