

Project Design Phase-II
Data Flow Diagram & User Stories

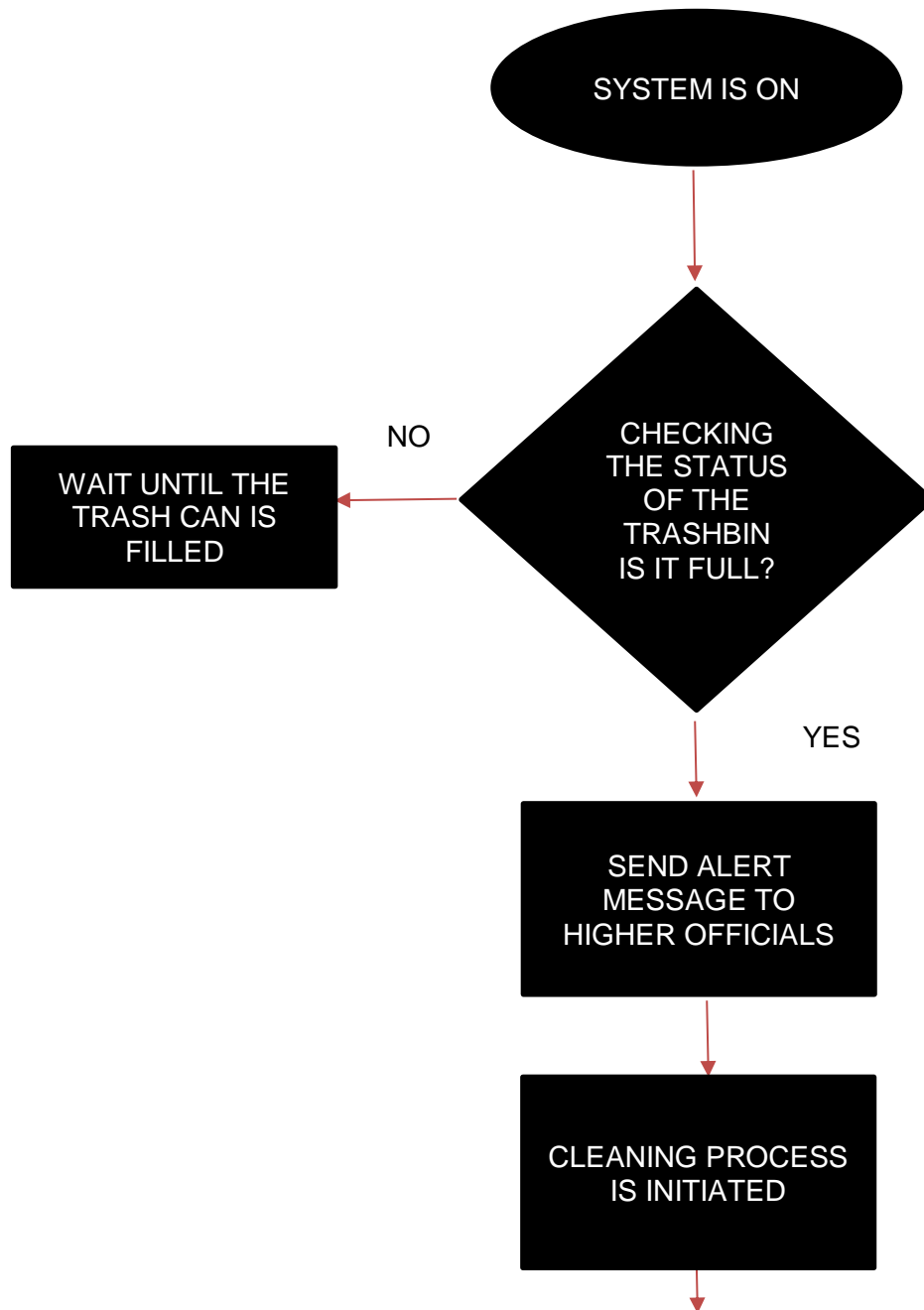
Date	29 October 2022
Team ID	PNT2022TMID54350
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

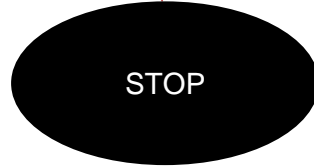
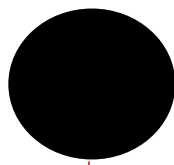
Data Flow Diagrams:

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.

DFD for Smart Waste Management System for Metropolitan Cities

Example:





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
Authorized Person (Manages web app)	Login	USN-1	As an authorized person, I gave user id and password for every worker and manage them.	I can access dashboard of the webpage.	Medium	Sprint-2
Admin	Login	USN-2	As an 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 monitoring of the garbage in trash cans.	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 use the dynamic route provided to drive to the route that is cluttered.	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 am able to pull a truck and collect trash.	Medium	Sprint-2
Municipality	Login	USN-5	As a municipality, I'll check the process are happening in discipline manner without any issues.	I am able to keep everything running smoothly.	High	Sprint-1