

Project Design Phase-II
Data Flow Diagram & User Stories

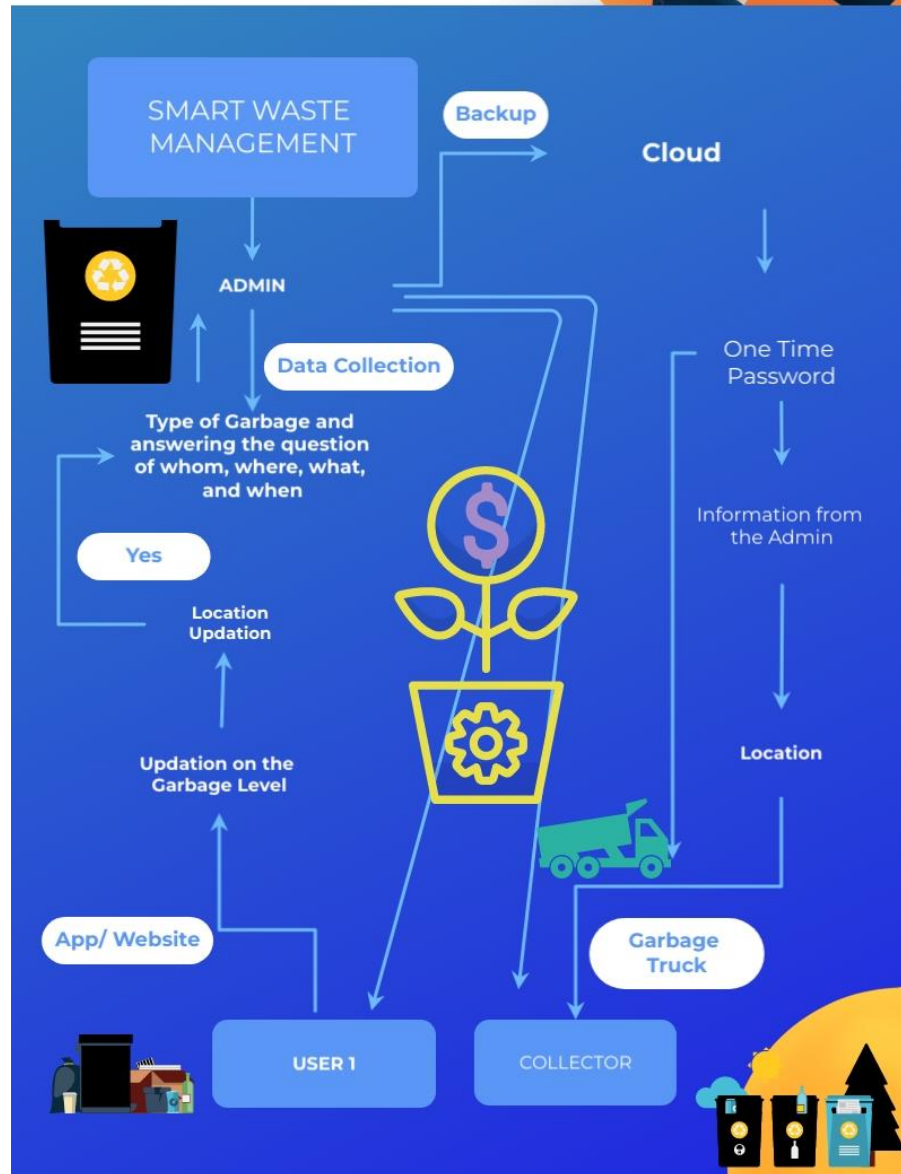
Date	29 October 2022
Team ID	PNT2022TMID54350
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

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.

Smart Waste Management System in Metropolitan Cities

PNT2022TMID54350



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
Residents (General Public User)	Login	USN – 1	As a Resident, I install the app, give in my information and segregate different kinds of waste in the entrance to make sure the collector takes it or notifies the collector in case of excess presence of wastes in a bin during segregation.	I segregate waste and update my app on a regular basis.	High	Sprint-1
Authorized Person (Manages Web app)	Login	USN – 2	As an Authorized Person, I give user id and password for every worker and manage the overall technological work.	I can access main user information and use many other management of technical and administrative part of the webpage and Web-App.	Medium	Sprint-2
Admin	Login	USN - 3	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 – 4	As a Driver, I'll follow the route sent by the administrator/ app that notifies the full bin to reach the filled garbage location .	I can manage time and reach the required destination in the shortest route.	Medium	Sprint-2
Collector Service-Man	Login	USN – 5	As a Collector Service Man, I'll collect all the garbage from houses as a door to door service man as and load it to the vehicle where the waste segregated and send them to the required landfill.	I am able to pull a truck and collect trash.	Medium	Sprint-2
Local Authorities	Login	USN - 6	As a local Authoritative person, I'll check the process and its are happening in a correct and well-disciplined manner.	I will be able to keep the process to run smoothly.	High	Sprint-1