Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID40462
Project Name	Smart Waste Management
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.
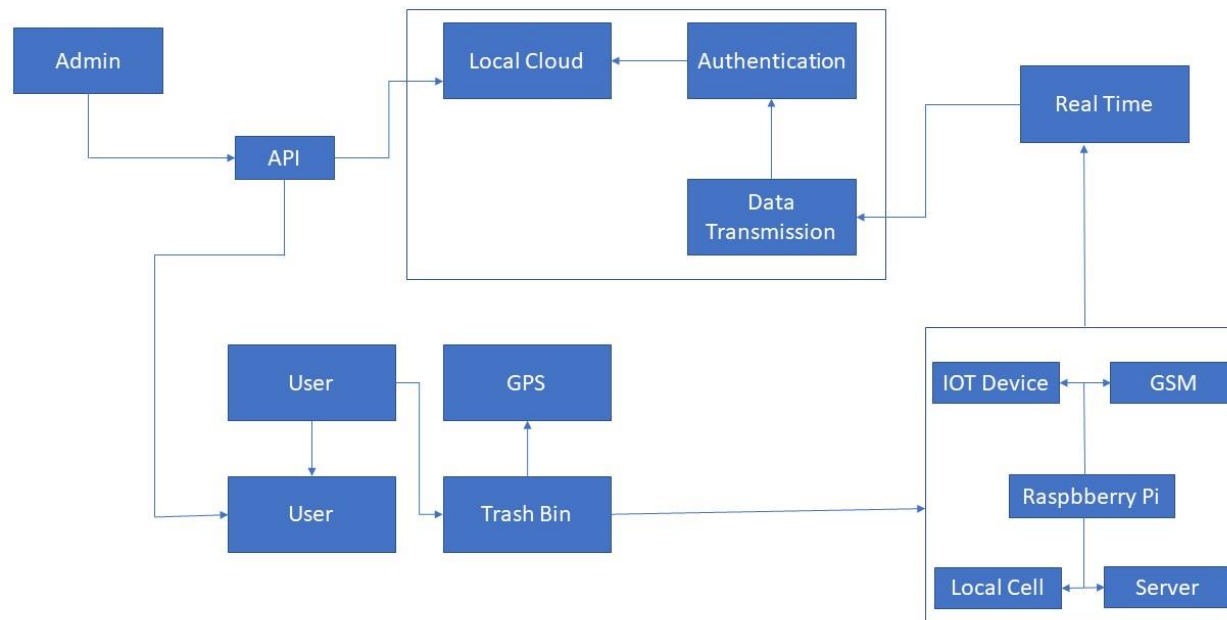
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin (who manage web server)	Login	USN-1	As a admin, I gave the user id and password for every worker and manage them	I can manage web account/dashboard	Medium	Sprint-1
Co-admin	Login	USN-2	As a Co-admin, I will manage the garbage level and monitor the smart bins. If the garbage gets filled, the alert notification will be received and I will be received and I will post location and garbage id to the truck and will go and collect the trash	I can manage the smart bins and garbage level	High	Sprint-2
Truck driver	Login	USN-3	As a truck driver, I will follow the route send by Co-admin to reach the particular garbage through its id	I can drive to reach the filled garbage in shortest route given	Medium	Sprint-3
Total garbage collector	Login	USN-4	As a waste collector, I will collect all the waste from the smart bins and load them into the truck and send them to landfill	I can collect trash and load them into the truck and send off	Medium	Sprint-4
Municipality	Login	USN-5	As a municipality, I will check the process of waste collecting and sending them in a disciplined manner without any issues	I can manage all these process and supervise it	High	Sprint-5