

Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2022
Team ID	PNT2022TMID48524
Project Name	Project – Smart Waste Management System for Metropolitan cities
Maximum Marks	4 Marks

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin	Login	USN-1	As a user, I will give user id and password for all the workers and manage them	I can manage web account / dashboard	Medium	Sprint-2
Co admin	Login	USN-2	As a co-admin, I will monitor garbage level. If the garbage bins are filled, I will post the location and garbage ID to the trash truck	I can manage garbage monitoring	High	Sprint-1
Truck Driver	Login	USN-3	As a truck driver, I will follow the route sent by Co-admin to reach the filled garbage.	I can drive to reach the garbage-filled bins in the shortest possible route given.	Medium	Sprint-2
Local Garbage collector	Login	USN-4	As a waste collector, I will collect all the trash from garbage and load it into garbage trucks and send it to the landfill.	I will collect the trash and have it tracked and sent off.	Medium	Sprint-2
Municipality	Login	USN-5	As a municipal authority, I will check that the process is happening in a disciplined manner without any issues.	I can keep all of these processes running smoothly.	High	Sprint-1

Data flow diagram:

