

Project Design Phase-II

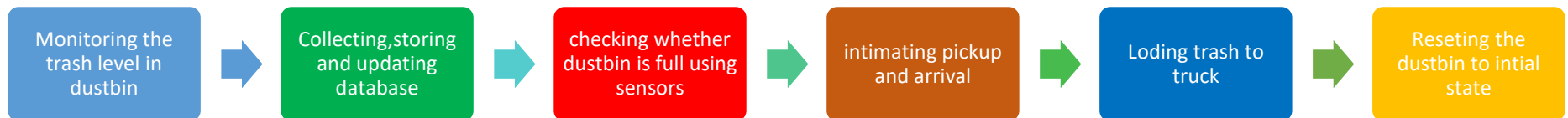
Data Flow Diagram & User Stories

Date	01 October 2022
Team ID	PNT2022TMID05191
Project Name	Smart waste management for metropolitan cities
Maximum Marks	4 Marks

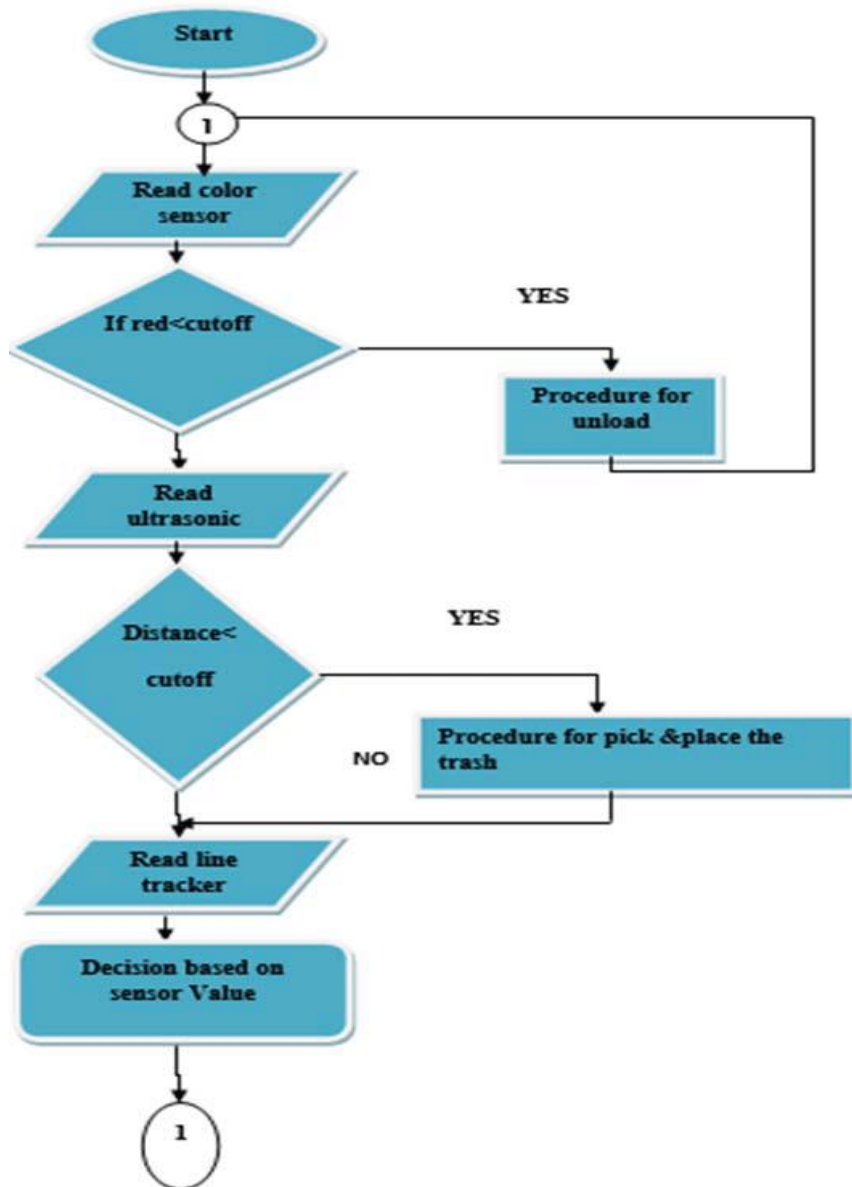
Data Flow Diagrams:

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.

Data flow Diagram for Garbage collector System



Flow chart for Garbage collector system



Data flow II:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Authorised person	Login	USN-1	As an authorised person I provide login credentials and IDs to users and employee	I can access the webpage	Medium	Sprint-1
Administrator	login	USN-2	Access the database and monitor garbage levels in bins	Database Management	High	Sprint-2
Truck driver	login	USN-3	As a truck driver I will wait for intimation for truck location need to be emptied	Managing the unloading of garbage and reaching destinations	Medium	Sprint-3
Location manager	login	USN-3	As a location manager I will intimate location details of truck to the truck driver on alert from the admin	Location/ GPS detection and management	High	Sprint-4
Main control or municipality	login	USN-2	When the truck is arrived at the main garbage centre, I will intimate the updates in database	Updating databases	Medium	Sprint-3