

**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

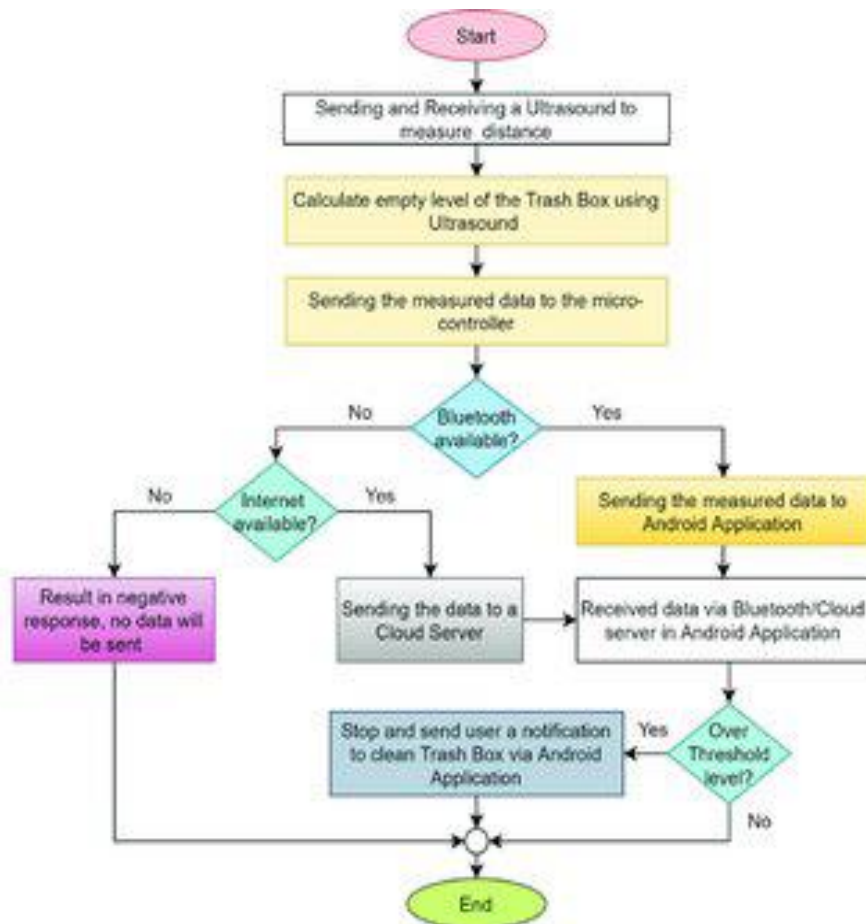
Intelligent Garbage Classification Using Deep Learning

Date	13 May 2023
Team ID	NM2023TMID07370
Project Name	Intelligent Garbage Classification Using Deep Learning
Maximum Marks	4 Marks

**Data Flow Diagrams:**

- A unique way to combine two technology namely IoT and deep learning paradigms is to ensure an optimal solution in the field of garbage management.
- An intelligent way to classify bio waste and non-bio waste through image classification using deep learning.
- An architectural development process of smart trash box using ultrasonic sensor, load measurement sensor, and micro-controller.
- A smart way to monitor waste in real-time conducted by Bluetooth communication for short-range, and IoT technology for long-range using Android application.

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	Team Member
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Shivam
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Shivani
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Shivam
		USN-4	As a user, I can register for the application through Gmail		Medium	Shivam
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sandeep
	Dashboard					
Customer (Web user)						
Customer Care Executive						
Administrator						