

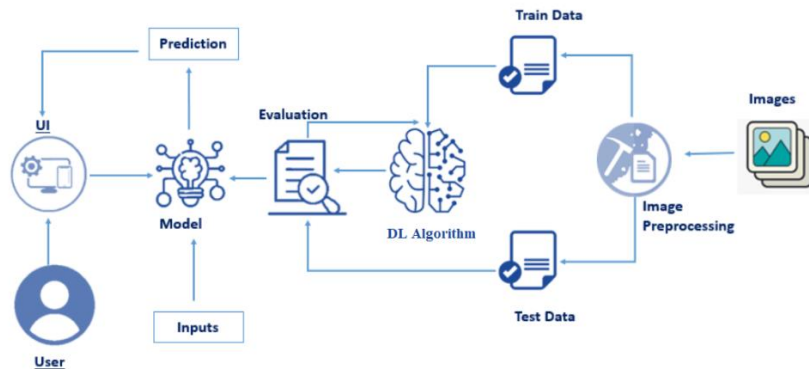
## Project Design Phase-II Data Flow Diagram & User Stories

Date	07 May 2023
Team ID	NM2023TMID11619
Project Name	Intelligent Garbage Classification using Deep learning

### Data Flow Diagrams:

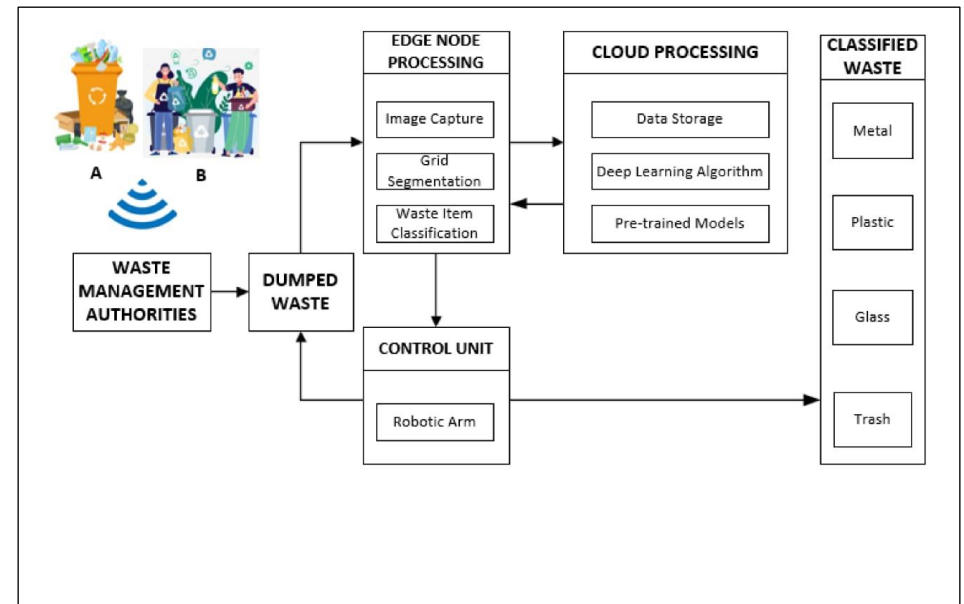
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

#### Example: (Simplified)



1. User interacts with the UI to choose the image.
2. The chosen image is analysed by the model using DL algorithm.
3. By image pre-processing the trained data is then tested to predict the image.

#### Example: DFD Level 0 (Industry Standard)



## 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	Gayathiri.T
		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	Harinee.S
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sindhumathi .S
		USN-4	As a user, I can register for the application through Gmail	I can register & access the website with gmail	Medium	Subapriya.K
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login to the application by entering the password	High	Gayathiri.T
	Dashboard	USN-6	As a user, I can navigate to home page, about page, contact us page, prediction page, feedback page.	I can navigate throughout the website	High	Harinee.S
Customer (Web user)	Prediction page	USN-7	The user can upload the image of their waste	I can upload all types of images	Medium	Sindhumathi .S
Customer Care Executive	Contact us	USN-8	As a user, I can contact the customer care executives for any queries	I can call the customer care services	Low	Subapriya.K
Administrator	Admin	USN-9	As a admin, I can manage the entire website.	The admin can access the users details.	Medium	Gayathiri.T