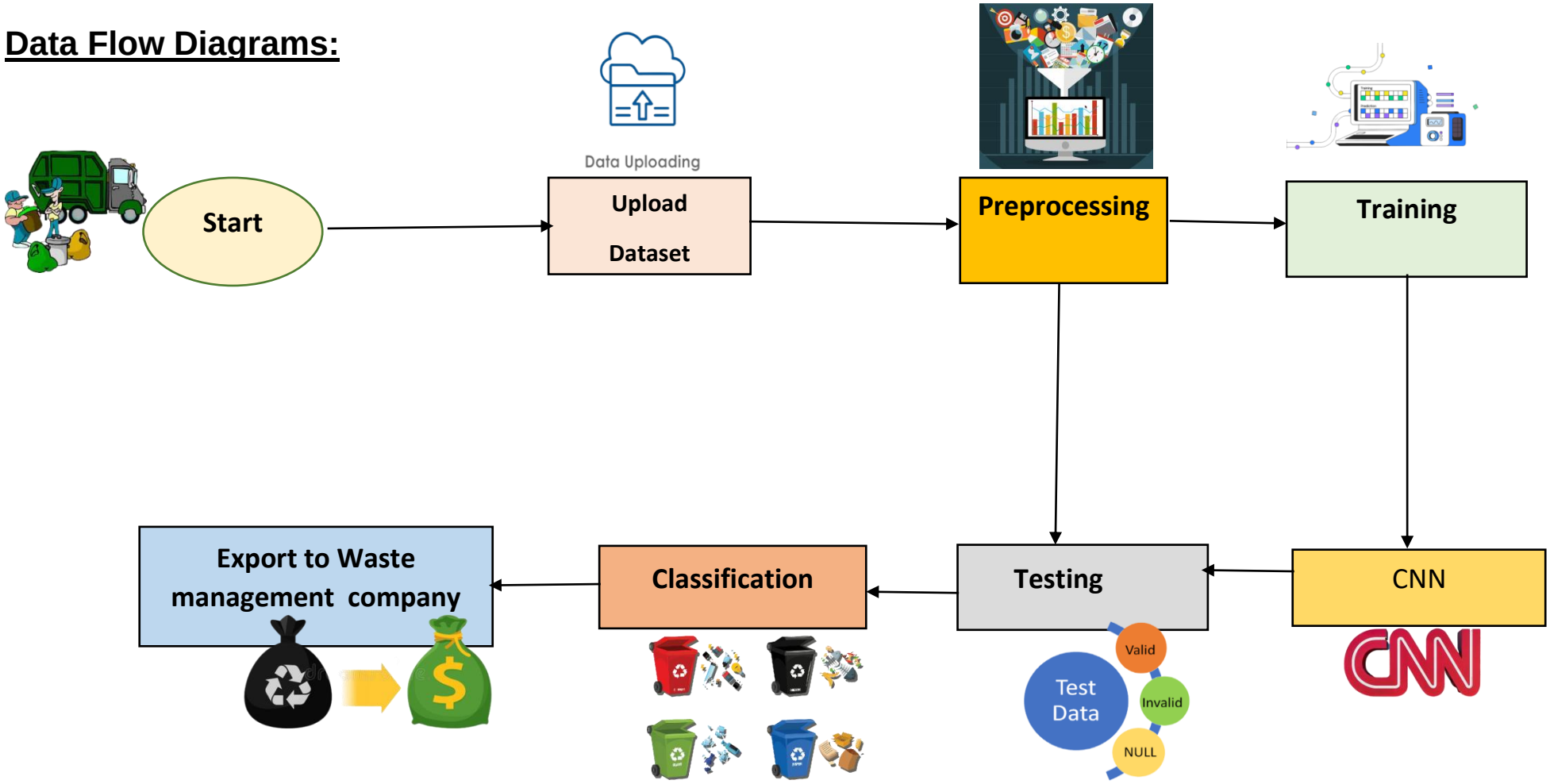
Project Design Phase-II
Data Flow Diagram & User Stories

Date	13-05-2023
Team ID	NM2023TMID01947
Project Name	Intelligent Garbage Classification Using Deep Learning

Data Flow Diagrams:



User Stories:

User Type	Functional Requirements	User Story Number	User Story/Task	Acceptance Criteria	Priority	Team member
Residential users	Datasets creation	USN:01	I want to be able to easily identify and separate different types of waste so that I can contribute to sustainable waste management practices.	The dataset should be relevant to the problem being addressed. The data is useful for the intended purpose.	High	Madumitha
		USN:02	I want to store the waste in appropriate containers or bags and keep them in a clean and safe place.	The dataset should be of high quality and meet the standards for data quality in the field.	Medium	Karthiga
Commercial user	Image Preprocessing	USN:03	I want to be able to easily identify different types of waste generated in my business operations so that I can sort them properly	The system should be able to extract features from the garbage images	High	Aruna
		USN:04	I want to collaborate with waste management companies to ensure that waste is collected and disposed of efficiently .	The image processing algorithm is accurate in identify andclassifying wastes..	Medium	Rajalakshmi

Waste management company	User Interface	USN:05	I want to provide easy-to-use and accurate garbage classification tools so that they can properly segregate their waste.	user-friendly and easy to navigate, and understand the functions, features of the interface quickly.	High	Madumitha
Municipal authorities	Maintenance	USN:06	I want to provide regular waste collection and disposal services to households and commercial users, to ensure the cleanliness and safety of the city.	The system should be monitored the performance over time, including accuracy and processing speed	High	Karthiga