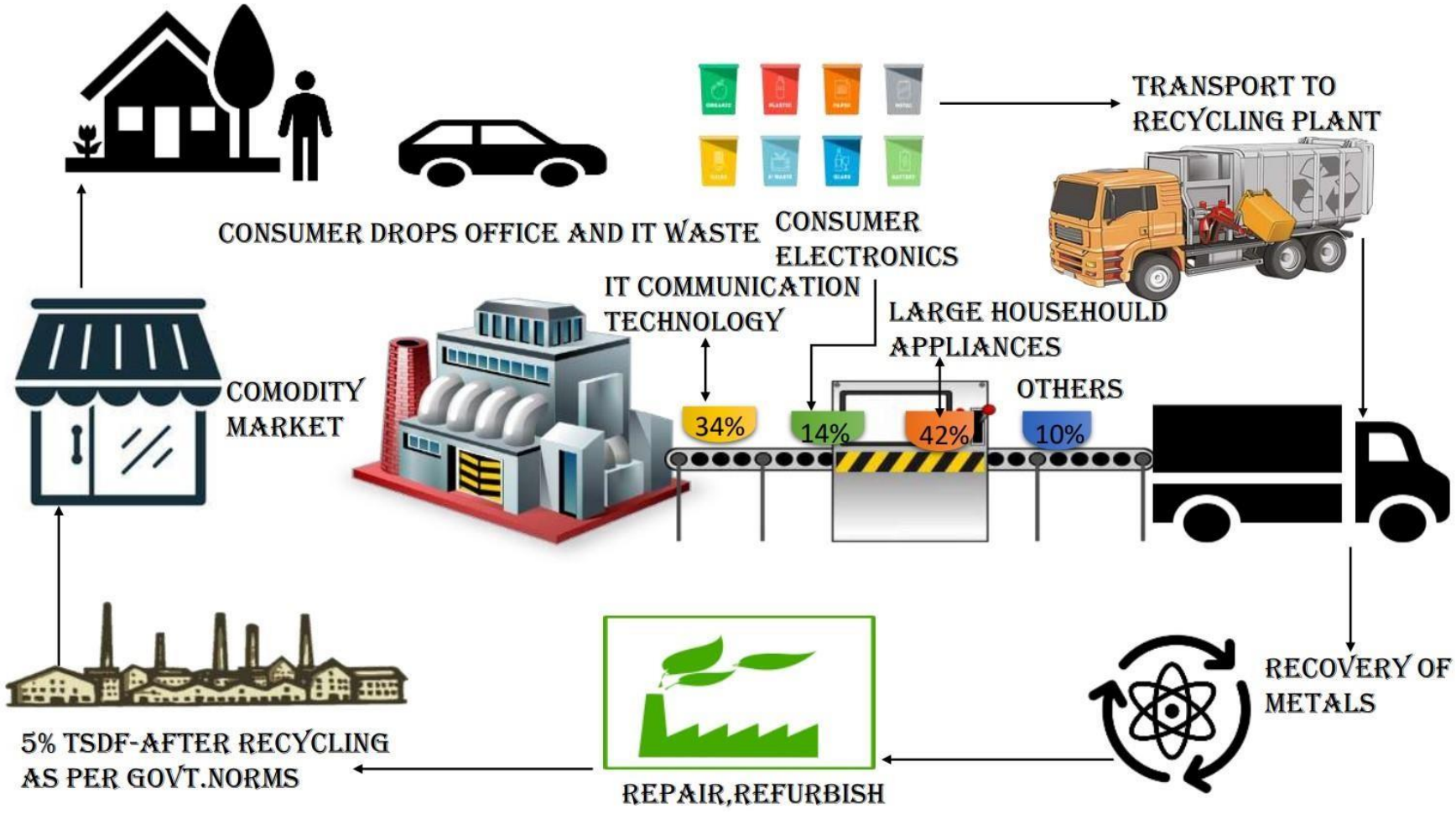
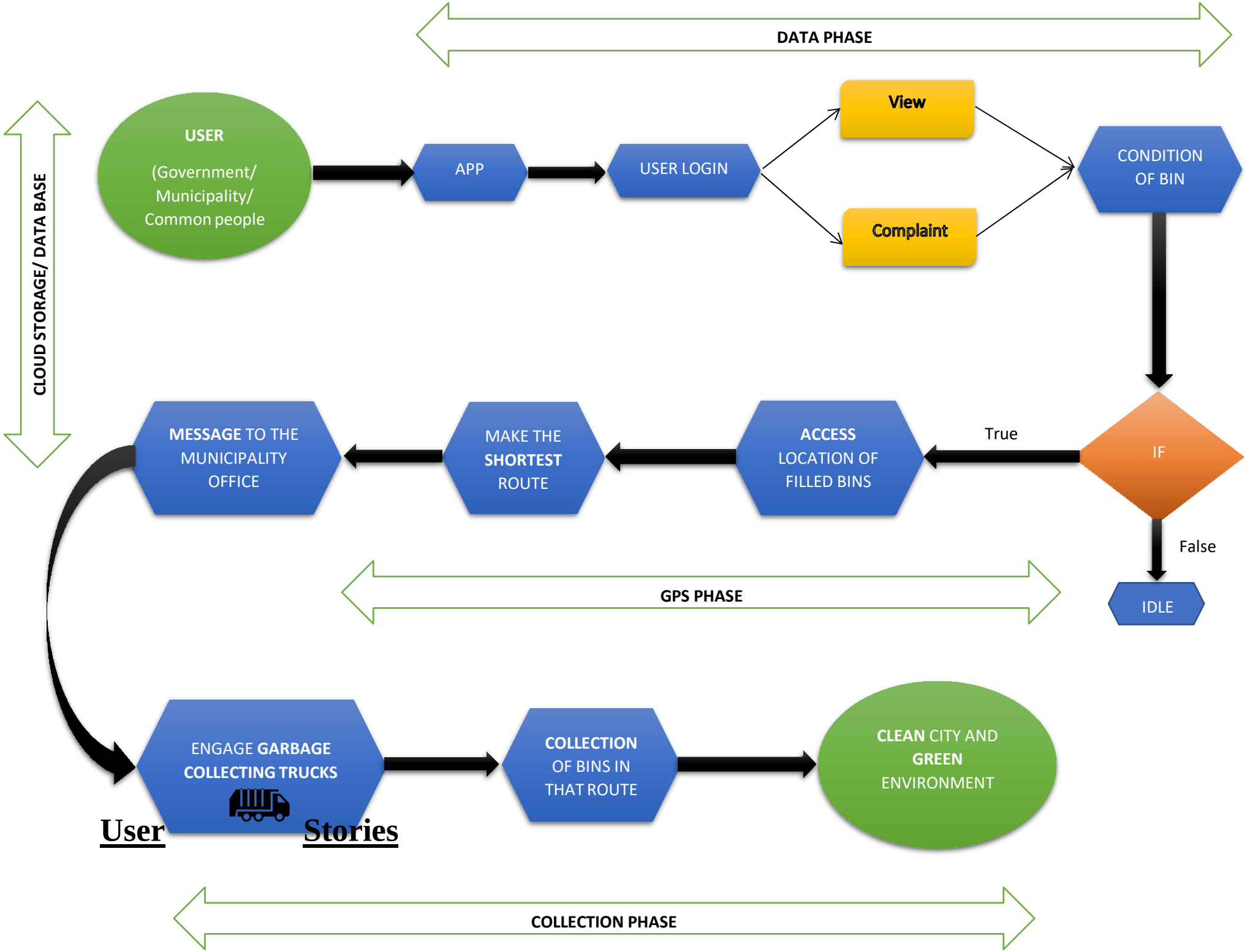
Project Design Phase-II
Data Flow Diagram & User Stories

Date	27 October 2022
Team ID	**PNT2022TMID41040**
Project Name	Project - Smart Waste management in metropolitan cities.
Maximum Marks	4 Marks


TRANSPORT TO
RECYCLING PLANT
CONSUMER DROPS OFFICE AND IT WASTE
CONSUMER
ELECTRONICS
IT COMMUNICATION
TECHNOLOGY
LARGE HOUSEHOULD
APPLIANCES
OTHERS
COMODITY
MARKET
34%
14%
42%
10%
RECOVERY OF
METALS
REPAIR,REFURBISH
5% TSDF-AFTER RECYCLING
AS PER GOVT.NORMS


DATA PHASE
CLOUD STORAGE/ DATA BASE
USER
(Government/
Municipality/
Common people
APP
USER LOGIN
View
Complaint
CONDITION
OF BIN
IF
True
False
ACCESS
LOCATION OF
FILLED BINS
MAKE THE
SHORTEST
ROUTE
MESSAGE TO THE
MUNICIPALITY
OFFICE
IDLE
GPS PHASE
ENGAGE GARBAGE
COLLECTING TRUCKS
COLLECTION
OF BINS IN
THAT ROUTE
CLEAN CITY AND
GREEN
ENVIRONMENT
User Stories
COLLECTION PHASE

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I created an account in the application provided.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I registered using my gmail.	I can receive confirmation email .	High	Sprint-1
		USN-3	As a user, I successfully installed the app and login to see the bin level in my area.	I can register & access the dashboard .	Low	Sprint-2
	Login	USN-4	As a user, I login using my gmail and password easily.	The login process was easy and simple to access the dashboard.	High	Sprint-1
Customer (Web user)		WUSN-1	As a web user I can see whether the bins in the locality are filled or not only after loging in using my gmail account.	The website must work properly so that no error occurs in the info.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive		CCE-1	A customer care executive will always be available for the interaction with the customer to clarify the queries.	An executive will clarify the doubts and note down the complaints of the application if any .	High	Sprint-2
Administrator		ADMIN-1	I as a Admin can access the data or information provided by the customers to analyse their needs and provide the required service.	The details of the locality of the user is provided to the municipal corporation when a complaint is received.	High	Sprint-1