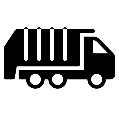
**Project Design Phase-II**

**Data Flow Diagram & User Stories**

|  |  |
| --- | --- |
| Date | 11 October 2022 |
| Team ID | PNT2022TMID42272 |
| Project Name | Project – Smart Waste management in metropolitan cities. |
| Maximum Marks | 4 Marks |



ENGAGE **GARBAGE COLLECTING TRUCKS**

**CLOUD STORAGE/ DATA BASE**

False

True

**COLLECTION PHASE**

**DATA PHASE**

**GPS PHASE**

**COLLECTION** OF BINS IN THAT ROUTE

View

**MESSAGE** TO THE MUNICIPALITY OFFICE

MAKE THE **SHORTEST** ROUTE

CONDITION OF BIN

USER LOGIN

IDLE

**ACCESS** LOCATION OF FILLED BINS

IF

APP

Complaint

**User Stories**

| **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 |
| 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 |