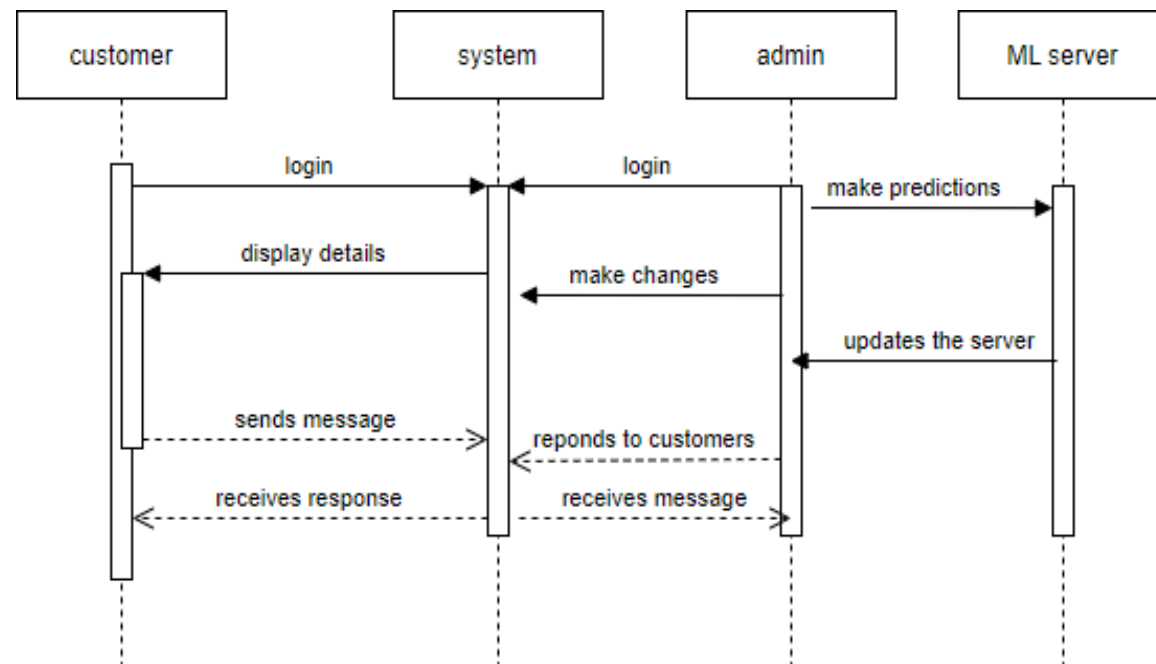


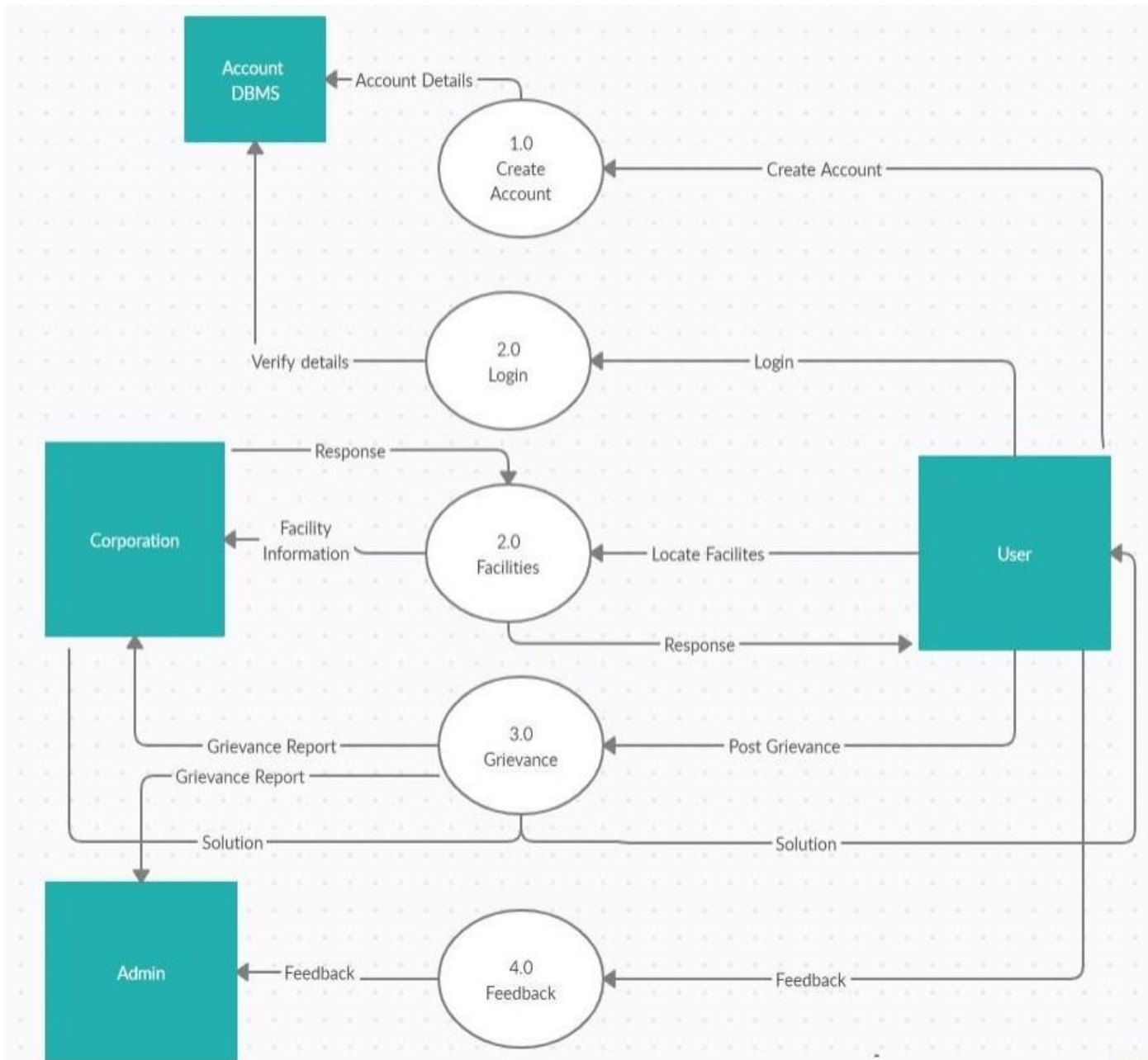
## Project Design Phase-II

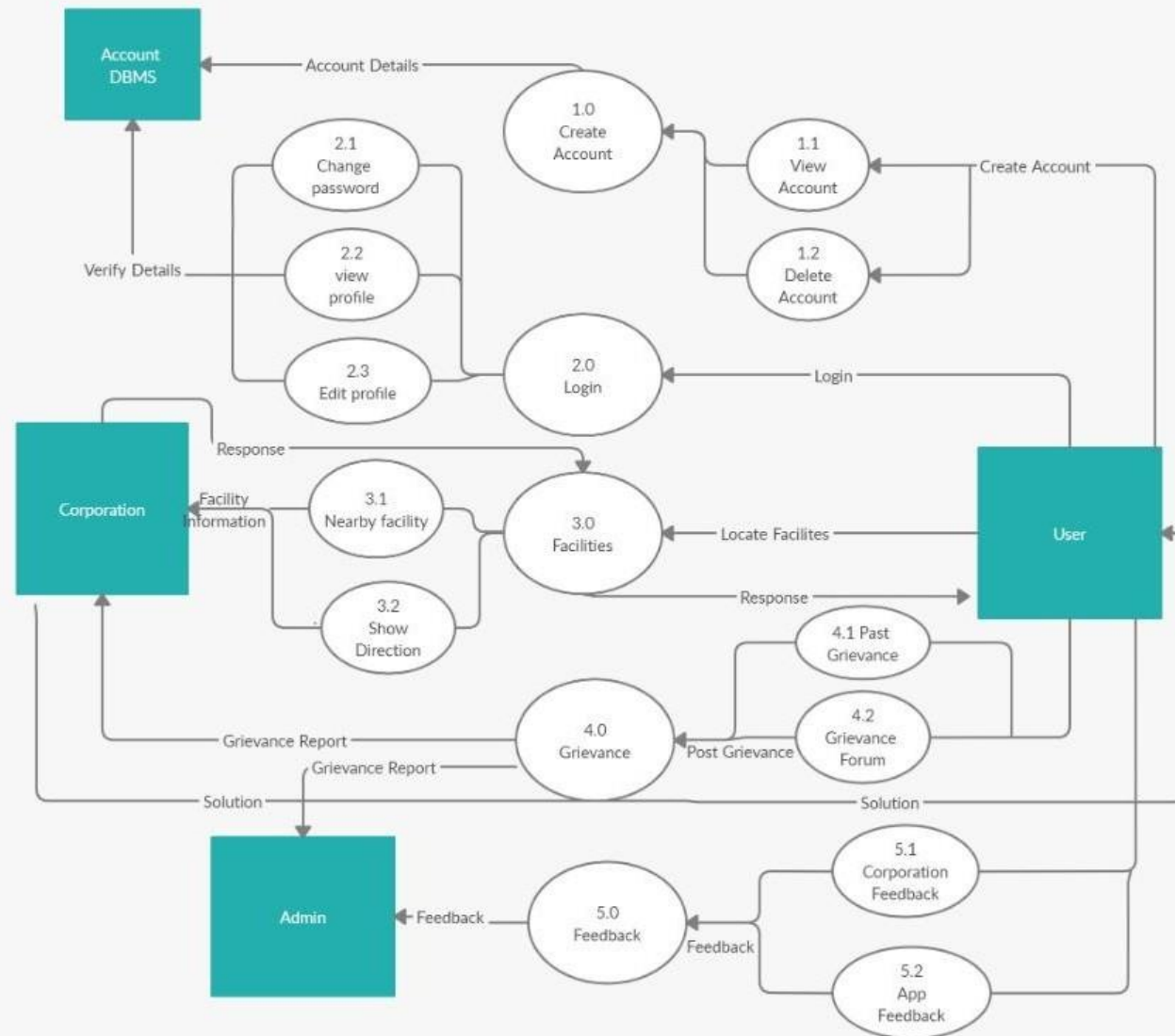
### Data Flow Diagram & User Stories

|               |   |
|---------------|---|
| Team ID       | PNT2022TMID01720                                      |
| Project Name  | Smart waste management system for metropolitan cities |
| Maximum Marks | 4 Marks   |

#### Data Flow Diagrams:







## 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 | Release  |
|------------------------|-------------------------------|-------------------|---|--|----------|----------|
| 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     | Sprint-1 |
|                        |                               | USN-1             | As a user, I will receive confirmation email once I have registered for the application                   | I can receive confirmation email & click confirm                         | High     | Sprint-1 |
|                        |                               | USN-3             | As a user, I can register for the application through google & facebook.                                  | I can register & access the dashboard with Facebook & google Login       | Low      | Sprint-2 |
|                        |                               | USN-4             | As a user, I can register for the application through Gmail   | I can create new account & access it                                     | Medium   | Sprint-1 |
|                        | Login                         | USN-5             | As a user, I can log into the application by entering email & password                                    | I can access my account/dashboard  | High     | Sprint-1 |
|                        | Dashboard                     | USN-6             | As a user, I can locate the bin   | I can view the location of the bin                                       | High     | Sprint-1 |
|                        |                               | USN-7             | As a user, I can access data of the bin   | I can search a bin and view all details like bin id, location, bin level | High     | Sprint-1 |
|                        |                               | USN-8             | As a user, I can post queries   | I can post queries that our locality face in order to overcome that      | Medium   | Sprint-2 |
|                        |                               | USN-9             | As a user, I can provide Feedback   | I can provide feedback about the app                                     | Medium   | Sprint-2 |
|                        |                               | USN-10            | As a user, I can interact with chatbot  | I can interact with chatbot for assistance                               | Low      | Sprint-2 |
| Administrator          | Dashboard                     | USN-11            | As a user, I can view grievance   | I can view the grievance posted by the user                              | High     | Sprint-1 |
|                        |                               | USN-12            | As a user, I get alert  | I can get alert once the bin is filled                                   | High     | Sprint-1 |