

## Project Design Phase-II

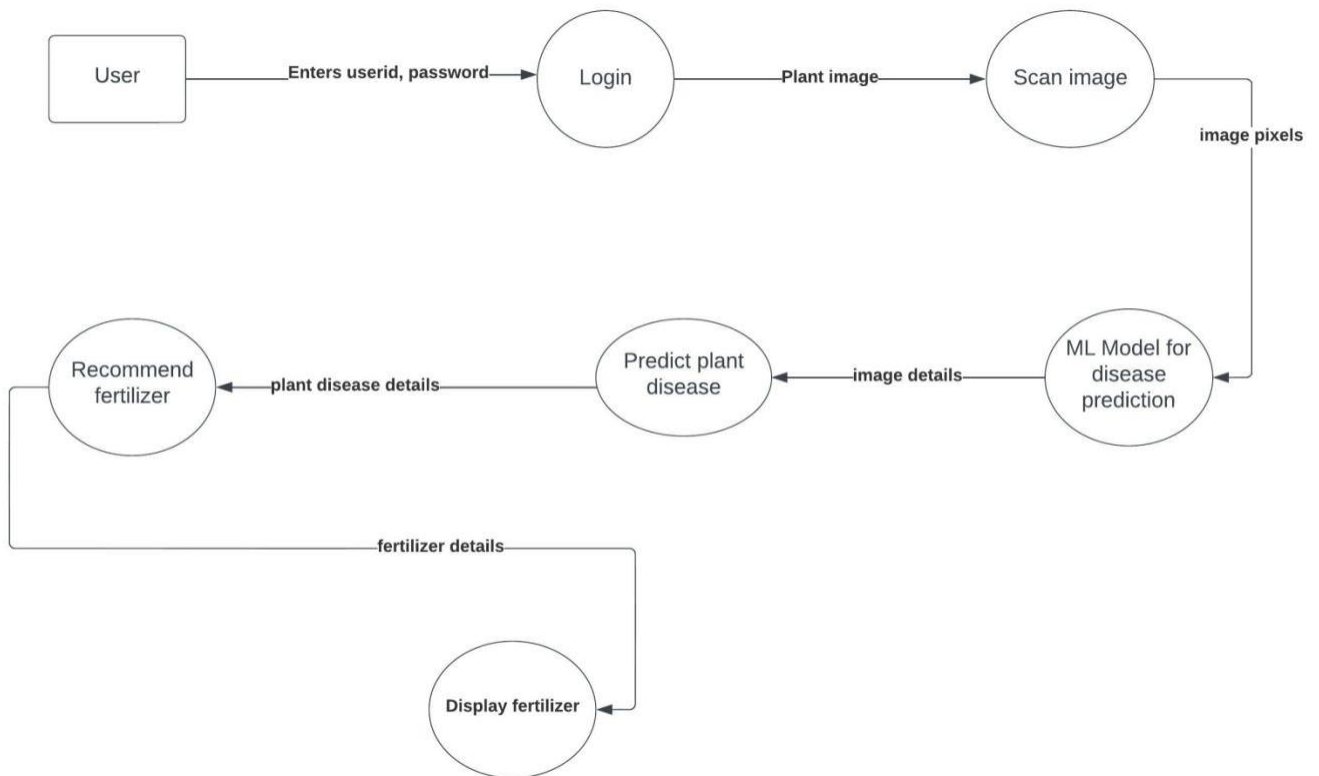
### Data Flow Diagram and User Stories

|                      |  |
|----------------------|--|
| <b>Date</b>          | 18 October 2022  |
| <b>Team ID</b>       | PNT2022TMID33290   |
| <b>Project Name</b>  | Fertilizers Recommendation System for Disease Prediction |
| <b>Maximum Marks</b> | 4 Marks  |

#### **Team Members:**

- 19CS3007 – Anupriya A
- 19CS3022 – Bindu S
- 19CS3027 – Devi Prabha M
- 19CS3028 – Dhaarani S

#### **Data Flow Diagram:**



### User Stories :

| User Type         | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria                              | Priority | Release  |
|-------------------|-------------------------------|-------------------|---|--|----------|----------|
| Customer (Farmer) | 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-2             | 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 Gmail   |  | Medium   | Sprint-1 |
|                   | Login                         | USN-4             | As a user, I can log into the application by entering email & password                                    |  | High     | Sprint-1 |
|                   | Dashboard                     | USN-5             | As a user, I can view the dashboard of the application.   |  | Medium   | Sprint-2 |
|                   | Scan Crop                     | USN-6             | As a user, I can upload crop image  | I can receive plant disease information          | High     | Sprint-2 |
|                   | Plant disease details         | USN-7             | As a user, I can view the plant disease information.  |  | Medium   | Sprint-3 |
|                   | Fertilizer recommendation     | USN-8             | As a user, I can view fertilizer suitable for the crop.   |  | High     | Sprint-4 |