# Project Design Phase-II
# Data Flow Diagram & User
# Stories

| Date | 19 October 2022 |
|---|---|
| Team ID | PNT2022TMID21312 |
| Project Name | Fertilizer Recommendation System For Disease Prediction |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

User flow diagram

Customer

Login

Registration

After successful login

Enter into web Dashboard

Profile about the user

Settings of the webpage

Inside the user dashboard

upload photo of plant sample

fruit sample

Vegetable sample

Based on the sample preference

The system Predict the uploaded sample

Finally the system recommends the suitable fertilizer
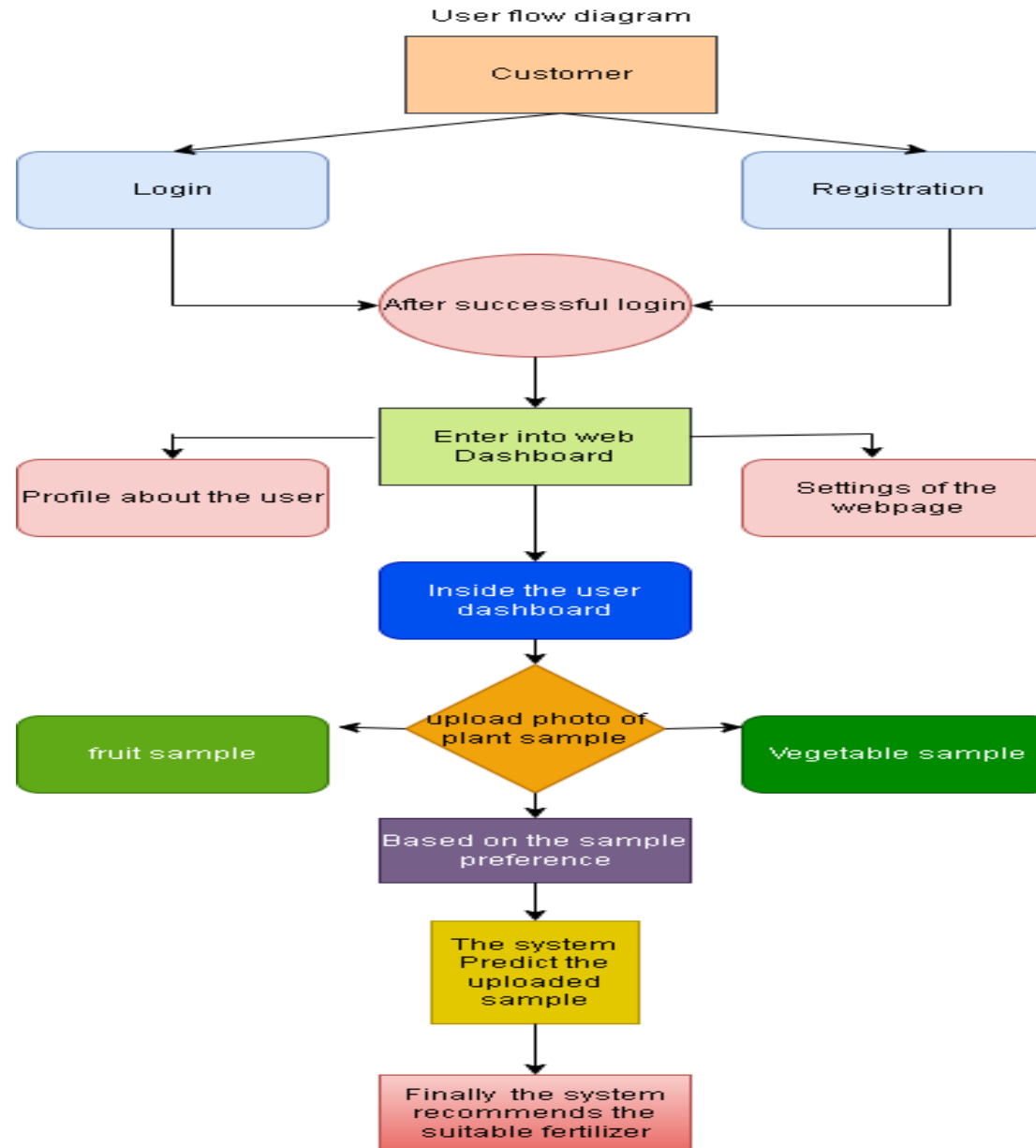
**User Stories**

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 /Web User) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirmingmy 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 mobile number | I can register & access thedashboard with mobile number | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through Gmail | I can receive an confirmation mail and canaccess without having a password | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can log into my accountusing my username / email with password | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can access all my personal information which will be stored in my profileby using dashboard | I can access my personal information such as phonenumber, email, upload | Medium | Sprint-2 |

| | | | | History. | | | |
|---|---|---|---|---|---|---|---|
| | | USN-7 | As a user, I can change my password | I can change my password | Low | Sprint-3 |
| | Support | USN-8 | As a user, I can get my help and support fromhelp option | I can get help and support | Medium | Sprint-4 |
| | Landing Page | USD-9 | As a user, I can see the free trials and subscription | I can use free trials and subscription | High | Sprint-3 |
| | | USD-10 | As a user, I can access the FAQ asked by other uses | I can cleared my queriesthrough FAQ | Low | Sprint-4 |
| | Prediction Page | USD-11 | As a user, I can upload my sample plant image to known recommended fertilizers | I can upload the sample plant image | High | Sprint-2 |