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

| Date | 03 October 2022 |
|---|---|
| Team ID | PNT2022TMID33437 |
| Project Name | Fertilizers Recommendation System For Disease Prediction |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**

  **This Data Flow Diagram tell about the fertilizers recommendation system for disease prediction using deep learning**

**In this data entered by image of the leaves of the plant given by the user and the image could be processed and it should be evaluated and**

**Given to the user , this should be done in this model , it should shown in the diagram**

```
                    ┌──────────────┐
                    │    Start     │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │    Login     │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │  Image Data  │
                    └──────┬───────┘
                           │
                           ▼
                    ┌───────────────────┐
                    │ Data Preprocessing│
                    └─────────┬─────────┘
                              │
                              ▼
                    ┌───────────────────┐
                    │  Deep Learning    │
                    │    Algorithm      │
                    └─────────┬─────────┘
                              │
                              ▼
                    ┌──────────────┐
                    │  Evaluation  │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │  Prediction  │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │ Output by UI │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │     User     │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │     End      │
                    └──────────────┘
```
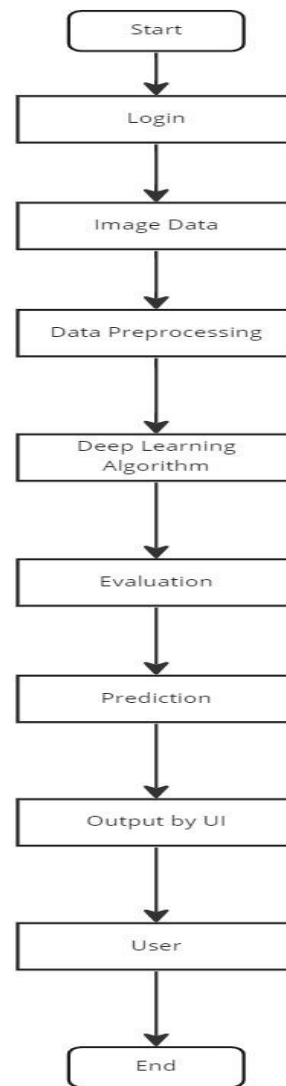
**User Stories**

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-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 Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through Gmail | | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can able to understand the user Interface it should not be a complex interface | | High | Sprint-1 |
| Customer (Web user) | Login | USN-6 | I can able to login in by a web user by login id and password | | | |