**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID27345 |
| Project Name | Fertilizers 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.

Sign up or login

Upload the picture of the disease affected leaf

Data base

Image *pocessing*

found? Disease

**NO YES**

Information about the disease

Disease is not found

Best fertilizer recommended

Please send the sample to the lab and check for the report

Result

**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 | I can register through mail | Medium | Sprint-1 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password | I can register through login credentials | High | Sprint-1 |
|  | Interface | HABL-6 | As a user, the interface should be in user friendly manner. | I can access the contents easily | Medium | Sprint-2 |
| Customer (Web user) | Dashboard | HABL-7 | As a user, I can access specific information. | I can check the information of diseases similar to my crops. | High | Sprint-1 |
| Customer Care Executive | View image | HABL-01 | As a customer care, I can view the images of plant diseases. | I can easily check for the visual images. | High | Sprint-2 |
|  | View data | HABL-02 | As a customer care, I can view the data of plant diseases. | I can view the disease data. | High | Sprint-2 |
|  | Suggested fertilizer | HABL-03 | As a customer care, I can get the recommendation of best fertilizer of the crop. | I can get suggested fertilizer information. | High | Sprint-2 |
| Administrator | Risk monitoring | RM-1 | An administrator is the one who is responsible for handling the application must check for any risk and handle it. | Admin should monitor and maintain the necessary records. | High | Sprint-1 |
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