

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	09 October 2022
Team ID	PNT2022TMID10926
Project Name	Project – Fertilizers Recommendation System for Disease Prediction.
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form
FR-2	User Confirmation	Confirmation via Email or SMS
FR-3	User Profile	Filling the profile page after logging in
FR-4	Uploading Dataset	Fill the Details about the Disease.
FR-5	Requesting solution	Get the Disease details to Find the Disease and Generate the Solution
FR-6	Get the Solution	The Solution in pdf format which contains the recommendations of fertilizers and the possible diseases.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system allows the user to perform the tasks easily and efficiently and effectively.
NFR-2	Security	Assuring all data inside the system or its part will be protected against unauthorized access
NFR-3	Reliability	The website does not recover from failure quickly ,it takes time as the application is running in single server
NFR-4	Performance	The Prediction Processing Time is Fast
NFR-5	Availability	The system will be available up to 94% of the time.
NFR-6	Scalability	The website is scalable