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

Date	17 October 2022
Team ID	PNT2022TMID31637
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	Utilizing a Form for Registration
FR-2	User Confirmation	Email confirmation required
FR-3	User Profile	after logging in, completing the profile page
FR-4	Uploading Dataset (Leaf)	The leaves' pictures must be uploaded.
FR-5	Requesting solution	The pre-defined model is contrasted to the photographs, and a remedy is generated.
FR-6	Downloading Solution	The answer in PDF format, which includes fertilizer suggestions and potential 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 enables the user to carry out the tasks quickly, effectively, and easily.
NFR-2	Security	ensuring that no unauthorized access or malware will be used to access any of the system's data.
NFR-3	Reliability	Due to the application running on a single server, the website takes time to recover from errors.
NFR-4	Performance	Response and network processing times are quick.
NFR-5	Availability	Approximately 98% of the time, the system will be accessible.
NFR-6	Scalability	The website can be scaled