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

Date	08 November 2022
Team ID	PNT2022TMID28782
Project Name	Project – Fertilizer 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 Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile	Filling the profile page after logging in
FR-4	Uploading Dataset (Leaf)	Images of the leaves are to be uploaded
FR-5	Requesting Solution	Uploaded images is compared with the pre-defined Model and solution is generated.
FR-6	Downloading Solution	The Solution in Excel 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 Application allows users to perform the tasks safely, effectively, and efficiently.
NFR-2	**Security**	Assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	**Reliability**	The Application does not recover from failure quickly, it takes time as the application is running in single server.
NFR-4	**Performance**	Response Time and Net Processing Time is Fast

NFR-5	**Availability**	The Application will be available up to 90% of the time.
NFR-6	**Scalability**	Application is not scalable