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

Date	23 October 2022
Team ID	PNT2022TMID29083
Project Name	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 Form.
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 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 malware attacks or 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**	Response Time and Net Processing Time is fast.
NFR-5	**Availability**	The system will be available up to 95% of the time.
NFR-6	**Scalability**	The website is scalable.