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

Date	08 November 2022
Team ID	PNT2022TMID08559
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
FR-3	User Profile	Filling the profile page aftear 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.

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	Response Time and Net Processing Time is Fast
NFR-6	Scalability	The website is scalable