Project Design Phase - II

Solution Requirements (Functional & Non - Functional)

Date	03 October 2022
Team ID	PNT2022TMID17868
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 out the profile page after logging in**
FR-4	Uploading Dataset (Leaf)	**Images of the leaves are to be uploaded**
FR-5	Requesting Solution	**The solution is generated once uploaded images are compared to the predefined Model.**
FR-6	Downloading Solution	**The Solution (pdf format) contains the recommendations for fertilizers and possible diseases.**

Non-Functional Requirements:

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

FR No.	Non- Functional Requirement	Description
FR-1	Usability	**The system allows the user to perform tasks easily and efficiently.**
FR-2	Security	**Ensuring that every piece of data inside the system will be shielded from malware attacks and unauthorized access.**
FR-3	Reliability	**Due to the application running on a single server, the website takes time to recover from failure.**
FR-4	Performance	**Response and the net processing time are fast.**
FR-5	Availability	**Approximately 95% of the time, the system will be accessible.**
FR-6	Scalability	**The website is scalable**