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

Date	**21 October 2022**
Team ID	**PNT2022TMID08244**
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	Getting required details from the user
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile	A collection of information associated about a particular user.
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**	ensuring that no unauthorised access or malware will be used to access any of the system's data.gv
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**	Provides fast and accurate results
NFR-5	**Availability**	The system will be available up to 95% of the time
NFR-6	**Scalability**	The capability of an app to handle growth especially in handling more users and evolving accurate results.