PROJECT DESIGN PHASE-II
SOLUTION REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)

Date	03 October 2022
Team ID	PNT2022TMID30525
Project Name	AI-Fertilizer Recommended 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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Details	Users are required to Register their Personal Details
FR-4	User Requirement	The user simply give a inputs disease leaf image. The software will instantly generate and accurate disease of leaf to the farmer and also provide the suitable fertilizer to the disease leaf. This software also provide additional information about the plant

NON-FUNCTIONAL REQUIREMENTS:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User can easily understand the application. They satisfied with the result.
NFR-2	**Security**	With the help of the user name and password it provides more security and the data are private
NFR-3	**Reliability**	This website must perform without failure in 98 percentage of use case
NFR-4	**Performance**	This application supporting 2,000 users per hour must provide 4 seconds or less response time in a desktop browser
NFR-5	**Availability**	User can access any time
NFR-6	**Scalability**	The website must be scalable enough to support 5,000 visits at the same time while maintaining optimal performance