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

Date	18 October 2022
Team ID	PNT2022TMID29709
Project Name	Project – 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 Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	After logged in, fill the profile of the user
FR-4	Image capturing	Capture the image of the leaf
FR-5	Image processing	Captured image will be processed to predict the disease in leaf
FR-6	Fertilizer recommendation	By determine the type of disease, a suitable fertilizer is recommended

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application should be very simple, efficient and user friendly
NFR-2	**Security**	The all data in the app is highly encrypted and protect against malware threats.
NFR-3	**Reliability**	The leaf quality is necessary to find the disease
NFR-4	**Performance**	The application performance is very fast, it works flawless
NFR-5	**Availability**	The availability of the server is good.
NFR-6	**Scalability**	Increase in growth and the site is scalability