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

Date	15 October 2022
Team ID	PNT2022TMID39782
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 Registration through Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Via Call
FR-3	Capturing Image	Capture the image of the leaf and check the parameter of the captured image.
FR-4	Image Processing	Upload the image for the prediction of the disease in the leaf.
FR-5	Leaf Identification	Identify the leaf and predict the disease in leaf.
FR-6	Image Description	Suggesting the best fertilizer for the disease.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Datasets of all the leaf is used to detecting the disease that present in the leaf.
NFR-2	**Security**	The information belongs to the user and leaf are secured highly.
NFR-3	**Reliability**	The leaf quality is important for predicting the disease in leaf/plant.
NFR-4	**Performance**	It is available for all user to predict the disease.
NFR-5	**Availability**	It is available for all user to predict the disease in the plant.
NFR-6	**Scalability**	Increasing the prediction of the disease in the leaf.