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

Date	20 October 2022
Team ID	PNT2022TMID43507
Project Name	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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Image Processing	Upload the image ofthe leaf for detectingThe diseases that is present in a leaf
FR-4	Leaf Prediction	Determine the parameter that shouldbe taken into account for disease identification for identifying the leafand predicting the disease in it.
FR-5	Image Description	Show the prescribed fertilizer thathas to be used for the diseased leaf
FR-6	Adding Datasets	Datasets for fruits and vegetables are added.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	In bio-fertilizer it extremely easy In organic fertilizer it difficult to use In chemical fertilizer Difficult to use
NFR-2	Security	Store fertilizers in dry and cool places, away from direct UV rays exposure.
NFR-3	Reliability	Precision measurement cluster together and match external information
NFR-4	Performance	Established their safety, health and environment performance through annual objective , targets .
NFR-5	Availability	It Domestic agriculture production; A product or services that is brought into one country from another.
NFR-6	Scalability	IT is toxic and can harm humans And It affects the Environment and Ecosystem