

PROJECT DESIGN PHASE - 1

PROPOSED SOLUTION

DATE	22 September 2022
TEAM ID	PNT2022TMID15472
PROJECT NAME	Fertilizer Recommendation System For Disease Prediction
MAXIMUM MARK	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Diseases in plants play a major role in food production and security. Hence, early and accurate identification of plant diseases is essential to ensure high quantity and best quality.
2.	Idea / Solution description	Identifying the disease at the earliest stage and treating the crop with suitable fertilizer.
3.	Novelty / Uniqueness	This application suggests a suitable fertilizer by identifying diseases in plants by just recognizing the image as its input.
4.	Social Impact / Customer Satisfaction	It helps the farmer in the identification of disease at the early stage and increases the quality and quantity of crops efficiently.
5.	Business Model (Revenue Model)	The application predicts and recommends the farmers on a subscription basis.
6.	Scalability of the Solution	This application can be improved by introducing online purchases of crops, and fertilizers that will be recommended easily.