

Project Design Phase-I
Proposed Solution Template

Date	23 October 2022
Team ID	PNT2022TMID36510
Project Name	Fertilizer Recommendation system for disease prediction
Maximum Marks	2 Marks

Proposed Solution :

He wants to know the better recommendation for fertilizers for plants with the disease. .

Sl.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant.
2.	Idea / Solution description	In agricultural aspects, if the plant is affected by leaf disease, then it reduces the growth and productiveness. Generally, the plant diseases are caused by the abnormal physiological functionalities of plants.
3.	Novelty / Uniqueness	During the development of the crops as they will be affected by various diseases
4.	Social Impact / Customer Satisfaction	The issue occurs in agriculture practicing areas, particularly in rural regions.
5.	Business Model (Revenue Model)	It is required for the growth of better quality food products. It is important to maximise the crop yield.
6.	Scalability of the Solution	Deep learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases.