

Project Design Phase-I
Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID44389
Project Name	Project – Fertilizers Recommendation System for Disease Prediction
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The plant disease is one of the major problem in agricultural field. If the plant is affected by a leaf disease, it reduces the growth of Plant and productiveness.
2.	Idea / Solution description	Predicts the plant disease and recommend suitable fertilizers for the Plant. By using CNN, the software analysis the plant image and detect the disease and recommend fertilizers.
3.	Novelty / Uniqueness	Farmer can order the available fertilizers in online and the software recommends both organic and inorganic fertilizers.
4.	Social Impact / Customer Satisfaction	People will get good quality product. It helps the farmers to get good yield and also decrease the cost of fertilizers.
5.	Business Model (Revenue Model)	Can get commission based on collaboration with the fertilizer firms and giving this to farmer in subscription bases.
6.	Scalability of the Solution	The proposed precision agriculture structure allows the implementation of a flexible methodology that can be adapted to the different type of crops. The software will predict accurate solution based on the trained data.