IDEATION PHASE

PROBLEM STATEMENT

DATE	7 September2022
TEAM ID	PNT2022TMID15472
PROJECT NAME	Fertilizer Recommendation System For Disease Prediction
MAXIMUM MARK	2 Marks

Problem Statement:

Agriculture is the most important sector in today's life. Most plants are affected by a wide variety of bacterial and fungal diseases. Diseases on plants placed a major constraint on the production and a major threat to food security. Hence, early and accurate identification of plant diseases is essential to ensure high quantity and best quality. In recent years, the number of diseases on plants and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequate plant protection techniques. An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant. Deep learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases.

I am	The farmer who is trying to cultivate the crops for a huge profit and very control in using fertilizer on the crops.
I'm trying to	Utilize the recent technologies to prevent disease in crops and try to increase the quantity and quality of crops.
But	I am sure that the existing technology can help me to predict the disease but I don't know to use the correct fertilizer for the disease
Because	I don't want to spoil the soil quality and crops quality.
Which makes me feel	I'm not capable of cultivate the crops and maintain the quality of land and producing good quality of crops.