

Ideation Phase

Define the Problem

Statements

Date	25 September,2022
Team ID	PNT2022TMID33299
Project Name	Fertilizer Recommendation System for Disease Prediction
Maximum Marks	2 Marks

PROBLEM STATEMENT:

Mr. Daniel is a 58 years old man. He had a own farming land and do agriculture for past 25 years, In this 25 years he faced a problem in choosing fertilizers and controlling of plant disease.

- Daniel wants to know the better recommendation for fertilizers for plants with the detection of disease.
- He has faced the huge loss for a long time.
- This problem is usually faced by the most of the farmers.
- Daniel needs to know the results immediately.

Who does the problem affect?	Person who do Agriculture.
What is the issue?	<p>In agricultural practices, if the plant is affected by leaf disease, then it reduces the growth and productivity of plants.</p> <p>Generally, the plants are caused by the disease it shows some abnormal and physiological functionalities.</p>
What are the boundaries of the problem?	Farmers who grow crops and facing some issues of plant disease.
When does the issue occur?	During productivity of crops

	Farmers faced that the crops will be affected by various diseases.
Where does this issues occur?	This issue occurs in regular agricultural practices and particularly in village areas.
Why it is important and how we fix that problem?	It is important to increase the productivity of crops in yields and it is required for the betterment of growth and to increase the quality of food products.
What solution to solve this problem?	An automated system and Artificial Intelligence is introduced to identify the different disease of plants by checking their symptoms to show actual growth of plant.
What methodology used to solve the issue?	Artificial Intelligence and deep learning techniques are used to identify the disease and suggested that what precaution to be taken in a considerable disease that was affected by plant.