

Ideation Phase

Define the Problem

Statements

Date	29 September 2022
Team ID	PNT2022TMID33395
Project Name	Fertilizers Recommendation System for Disease Prediction
Maximum Marks	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.

I am	The farmer, who is unable to predict the diseases in advance and couldn't save my plants. And also I'm not aware of using the correct fertilizers.
I'm trying to	Use the recent technologies which can help me in predicting the diseases and in increasing the yield of crops.
But,	I am unaware of the existing technologies that can save my crops by predicting the diseases. And I have no knowledge in using the correct fertilizers in correct proportions.
Because	I'm scared of affecting the soil quality by using incorrect fertilizers or unsure myths.
Which makes me feel	I'm not capable of saving my crops from the diseases and lead to low yield.

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I am Farmer	I'm Trying to Use the recent technologies which can help me in predicting the diseases	But I have no knowledge in using the correct fertilizers in correct proportions	Because I don't feel confident in using the fertilizers without expert advice	Which Makes Me Feel I'm incompetant in the field of agriculture
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Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS	A Farmer	Save my crops and increase production	I'm not aware of the technologies that predicts the infections	I have no knowledge of the existing technologies and fertilizers	Troubled and inexperienced in farming.