

Ideation Phase

Define the Problem Statements

Date	27 September 2022
Team ID	PNT2022TMID33700
Project Name	Project - Fertilizers Recommendation System For Disease Prediction
Maximum Marks	2 Marks

Customer Problem Statement Template:

Crop prediction using different soil properties and Data Mining Techniques. Fertilizer Recommendation is not taken into consideration. So, it is necessary to develop crop yield prediction and fertilizer recommendation system which predicts crop yield based on soil nutrients crop yield data and recommend fertilizer for selected crop based on different datasets like fertilizer data, location data and crop yield data.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Farmer	Predict disease of plants.	It takes long time to predict although disease spread in initial level on plants	Leaves are affected by bacteria, fungi, viruses, and other insects. Vectors are constructed based on leaf features such as color, shape, textures. But hyperplane constructed with conditions not to categorize the preprocessed leaves and	Frustrated and I wish to solve the problem.

				also implement multiclass classifier, to predict diseases in leaf image without improved accuracy	
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