Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID40529
Project Name	Project - Fertilizers Recommendation System For Disease Prediction
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	• Farmers are unable to detect crop diseases due to a lack of knowledge and old practices • Growing only certain crops depletes the soil ,and if the crops are harmed by illnesses
2.	Idea / Solution description	• if the crop is affected with which disease, and a viable remedy is then offered to the user. • The prediction of crop yield based on location and proper implementation of algorithms have proved that the higher crop yield can be achieved.
3.	Novelty / Uniqueness	• Implement Smart IrrigationSystem For farms to get higher yield • Crop diseases detection using image processing in which user get pesticides based on disease images
4.	Social Impact / Customer Satisfaction	• Providing Complete irrigation data through cloud computing

		• Efficient utilization of existing knowledge through artificial intelligence
5.	Business Model (Revenue Model)	• The proposed method uses SVM to classify tree leaves, identify the disease and suggest the fertilizer • For crop yield prediction Support Vector Machine is good .
6.	Scalability of the Solution	• Support Vector Machine • Random Forest algorithm