

**Project Design Phase-I**  
**Proposed Solution Template**

Date	10 November 2022
Team ID	PNT2022TMID19767
Project Name	Project - Fertilizer 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)	Most of the plants are affected by variety of bacterial and fungal diseases. This will result in the reduces the growth and productiveness of the plant.
2.	Idea / Solution description	The solution of the problem is to identifying the diseases of the crops by using image processing and then it provides the correct fertilizers to the farmers.
3.	Novelty / Uniqueness	Capturing the image of the crop will be in required picture to identify the disease of the crop and suggest related fertilizers to the farmers.
4.	Social Impact / Customer Satisfaction	It identifies the diseases of the crops by using image processing and will provide the solution within a minute and also increases the quality and quantity of the crops
5.	Business Model (Revenue Model)	The application is recommended to farmers in subscription basis
6.	Scalability of the Solution	Application can be improved by introducing online purchases of crops, fertilizers with door delivery and online payment.