Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID52715
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)	Plant Diseases reduced the quantity and quality of the plants productivity. Identifying the disease in plant is hard to find
2.	Idea / Solution description	One of the solutions of the problem is to identifying the disease in early stage using Deep Learning and using the correct fertilizer.
3.	Novelty / Uniqueness	To make use of state of the art technologies like OpenCV and CNNs to create a novel Deep learning model rather than using Transfer Learning techniques
4.	Social Impact / Customer Satisfaction	It helps the farmer by identifying the disease in the early stage and increase the quality and quantity of crops in efficient way.
5.	Business Model (Revenue Model)	The application will be rolled out to the farmers on subscription basis
6.	Scalability of the Solution	Cloud Integrations are done to scale the product worldwide. Cloud solutions like IBM Cloud, AWS and Azure will be used for model deployment