Project Design Phase-I
Proposed Solution Template

Date	16 october 2022
Team ID	PNT2022TMID28782
Project Name	Project – Fertilizer Recommendation system for disease prediction
Maximum Marks	2 Marks

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	•Plant disease reduces the production and quality of food, fibre and biofuel crops. It has been a major factors that influencing the farmers life as well as our life. •To overcome this problem we develop this project to predict the plant if the crop is affected with which disease, and a viable remedy is then offered to the user.
3.	Novelty / Uniqueness	• Crop diseases detection using image processing in which user get pesticides based on disease images. • To predict the accurate disease for plant and crops we add more image dataset with wider variations are trained. •Most of the farmers are uneducated so we develop the system which is easily accessible by anyone.
4.	Social Impact / Customer Satisfaction	• Providing Complete irrigation data through cloud computing. • It helpful for farmers to increase productivity. Increase the usability of natural manure. • Efficient utilization of existing knowledge through artificial intelligence.
5.	Business Model (Revenue Model)	•As long as this system is beneficial to users, subscribtions will increase which gives benefits to industry.
6.	Scalability of the Solution	•Useful for those who don't know the basic about cultivation.