

Project Design Phase-I

PROPOSED SOLUTION TEMPLATE

Date	24 September 2022
Team ID	PNT2022TMID08244
Project Name	FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION
Maximum Marks	2 Marks

PROPOSED SOLUTION TEMPLATE:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The existing solution (i.e. Plantix) predicts the diseases of limited plant species and it does not predict the diseases of the ornamental plants.
2.	Idea / Solution description	We are aiming to create a dataset which consists of large varieties of plant species. We also aiming to add a weather monitoring feature which helps the farmers to keep updated about the climate.
3.	Novelty / Uniqueness	Our main goal is to predict the diseases of the most widely used ornamental plants.
4.	Social Impact / Customer Satisfaction	This application satisfies the customers/users by providing quick diagnosis, causes and the treatment suggestions to the farmers.
5.	Business Model (Revenue Model)	Through this application we can generate revenue by storing the images of the diseased plants and selling to the top most chemical industries for incorporation into their own crop management products
6.	Scalability of the Solution	Our Fertilizer Recommendation system for disease Prediction is in the form of web application to provide this valuable service to the environment and society.