

Project Design Phase-I

Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID08085
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	2 marks

Proposed solution:

The project aim is to build an application that provides a proper information about the disease in leaves, so that the plant may yield a healthy fruits, vegetables and flowers

S. No	Parameter	Description
1	Problem statement (problem to be solved)	To solve the disease in leaves it involves several steps, including finding the disease, fertilizer recommended, amount of fertilizer and near by store. The challenge is to perform all these task in the most efficient way.
2	Idea / Solution description	Creating an app that “ Helps to find disease in leaves ”, so that it helps the farmer to yield a healthy crop .
3	Novelty / Uniqueness	It gives the botanical name of the plant and also tells us whether it is the starting stage of disease or an end stage [Based on the stage of disease it recommend whether to use organic or inorganic fertilizer] and also tells how much amount of fertilizer to be used.
4	Social Impact / Customer Satisfaction	Based on the disease of the leaves fertilizers are recommended , so that the farmers need not waste too much of money on other fertilizers which are useless and do not cure the disease and also it tells the near by store where the particular fertilizer are available.
5	Business Model (financial Benefit)	If the app is working good and gives a good result , not only the farmers even the roof gardeners will install our app , so that it may create a good impact in the society.
6	Scalability of Solution	As the technology is improving the life span of people is becoming less , this is due to eating an unhealthy food . The disease in leaves Occur due to lack of nutrients in soil, by using a proper organic fertilizers , the plants may get rid of the disease so that we may get a healthy fruits, vegetable and flowers