

Project Design Phase-I
Proposed Solution Template

Date	26 September 2022
Team ID	PNT2022TMID33289
Project Name	Fertilizer Recommended System for Disease Prediction
Maximum Marks	2 Marks

Proposed Solution Template:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Farmer Cultivates his crops in his agricultural land and some disease occurs in the crops. In order to prevent that, suitable fertilizer should be provided to the crop. But, they don't know the actual fertilizer for an infected crop which results in loss of revenue.
2.	Idea / Solution description	To overcome this issue, Artificial Intelligence can be introduced in this field of agriculture. AI will sort out the problem caused in the crop by using image processing and provides exact fertilizer for the infected crops.
3.	Novelty / Uniqueness	The uniqueness of this project is to find the correct fertilizer for the crops which has been affected which results in the ease of man power, reducing time, easily learnable by uneducated peoples & saving money which is provided to the workers.
4.	Social Impact / Customer Satisfaction	Here, the Customer is farmers. The farmers will get satisfied with this AI technology because, it provides exact fertilizer for each and every crop and prevents the crop from wastage. Farmers can able to sell their crops on market and earn for their daily usage.

5.	Business Model (Revenue Model)	<p>This technology can be used by farmers who can able to afford a minimum amount of cost either by full payment or EMI Options. As the customer (Farmer) buys this he can able to save his/her amount by wasting incorrect fertilizer to each crops and labour charge for the workers who works in their agricultural land can be stopped because the work will get completed by this AI feature.</p> <p>As a main thought of creators, agriculture is still a best and worthy job for farmers. So, the developers can easily sell this feature having an easy option so that they can learn easily and get into this Technology.</p>
6.	Scalability of the Solution	<p>As it was an technology-based project, a correct and neat technology with no bugs, no errors, easy to use even an ungraduated peoples should me made so that the user might like our technology and some might suggest and share to their surroundings, resulting in increase of users by farmers.</p>