

**Project Design Phase-I**  
**Proposed Solution Template**

Date	26 September 2022
Team ID	PNT2022TMID26182
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	2 Marks

**Proposed Solution Template:**

The project team shall fill the following information in proposed solution.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ol style="list-style-type: none"><li>How to identify the crop disease?</li><li>What are the fertilizers is used to cure the identified crop disease?</li></ol>
2.	Idea / Solution description	<ol style="list-style-type: none"><li>Ensure the correct prediction of crop disease to help the farmer to identify the crop disease priorly.</li><li>It reduces the loss and increases the profit.</li></ol>
3.	Novelty / Uniqueness	<ol style="list-style-type: none"><li>Predicts the disease of the plant instantly.</li><li>Predicting the crop to be yielded based on the soil condition.</li><li>Predicting the fertilizer based on the soil conditions and it tends to increase the crop yield and reduces the plant diseases.</li></ol>
4.	Social Impact / Customer Satisfaction	Serves as farmer's friend by helping them to take precautionary steps to minimize the economic losses.
5.	Business Model (Revenue Model)	<ol style="list-style-type: none"><li>Collaboration with fertilizer vendors.</li><li>Providing solution for farmers' problems. Increases the crop productivity.</li></ol>
6.	Scalability of the Solution	<ol style="list-style-type: none"><li>Simplifying the model for everyone even the illiterate to use the system.</li><li>The fertilizer can be sold directly to the farmers which increases the profit of the farmers.</li></ol>