

Project Design Phase-I
Proposed Solution

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| Date | 29 September 2022 |
| Team ID | PNT2022TMID01765 |
| Project Name | Fertilizers Recommendation System For Disease Prediction |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|-------|--|---|
| 1. | Problem Statement (Problem to be solved) | How to identify the crop disease? What are the fertilizers is used to cure the crop disease? |
| 2. | Idea / Solution description | a. Ensure the correct prediction of crop disease to help the farmer to identify the crop disease priorly. b. It reduces the loss and increase the profit |
| 3. | Novelty / Uniqueness | 1. Predicts the disease instantly 2. Predicting the crop baaed soil condition 3. Predicting the fertilizer based on the soil conditions and it tends to reduce the crop disease |
| 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) | a. Collaboration with fertilizer vendors. b. Providing solutions for farmer's problem. Increase in crop productivity |
| 6. | Scalability of the Solution | a. Simplifying the model for everyone even the illiterate can use the system b. To increase the profit, the fertilizer can sold directly to the farmers |