Project Design Phase-I Proposed Solution Template

|  |  |
| --- | --- |
| Date | 27 October 2022 |
| Team ID | PNT2022TMID54187 |
| 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 | 1. Ensure the correct prediction of crop disease to help the farmer to identify the crop disease priorly. 2. 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) | 1. Collaboration with fertilizer vendors. 2. Providing solutions for farmer’s problem. Increase in crop productivity |
| 6. | Scalability of the Solution | 1. Simplifying the model for everyone even the illiterate can use the system 2. To increase the profit, the fertilizer can sold directly to the farmers |