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

| Date | 17 October 2022 |
|---|---|
| Team ID | PNT2022TMID48803 |
| Project Name | Fertilizer Recommendation system for disease prediction |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

He wants to know the better recommendation for fertilizers for plants with the disease.

| Sino. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant. |
| 2. | Idea / Solution description | In agricultural aspects, if the plant is affected by leaf disease, then it reduces the growth and productiveness. Generally, the plant diseases are caused by the abnormal physiological functionalities of plants. |
| 3. | Novelty / Uniqueness | During the development of the crops as they will be affected by various diseases |
| 4. | Social Impact / Customer Satisfaction | The issue occurs in agriculture practicing areas, particularly in rural regions. |
| 5. | Business Model (Revenue Model) | It is required for the growth of better quality food products.<br>It is important to maximize the crop yield. |
| 6. | Scalability of the Solution | Deep learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases. |