**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID44442 |
| Project Name | Fertilizer Recommendation system for disease prediction |
| Maximum Marks | 2 Marks |

**Proposed Solution :**

Hewants to know the better recommendation for fertilizers for plants with the disease. .

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| **SI.No.** | **Parameter** | **Description** |
|  | 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. |
|  | 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. | |
|  | Novelty / Uniqueness | |  | | --- | | During the development of the crops as they will be affected by various diseases | |
|  | Social Impact / Customer Satisfaction | The issue occurs in agriculture  practicing areas, particularly in rural regions. |
|  | Business Model (Revenue Model) | It is required for the growth of better quality food products.  It is important to maximise the crop yield. |
|  | Scalability of the Solution | Deep learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases. |