**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID51209 |
| Project Name | Project - Fertilizers Recommendation System For Disease Prediction |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Plant disease, especially on leaves, is one of the major factors of reductions in both quality and quantity of the food crops. In agricultural  aspects, if the plant is affected by leaf disease then it reduces the growth of the agricultural level. Finding the leaf disease is an important role of agriculture preservation. It require a greater amount of data but the algorithm do not contain many images. |
|  | Idea / Solution description | Leaf disease is identified by using Support Vector Machine (SVM). It provides more accuracy than CNN method. |
|  | Novelty / Uniqueness | Support Vector Machine (SVM) is used in this system. |
|  | Social Impact / Customer Satisfaction | Economically friendly. |
|  | Business Model (Revenue Model) | It provides more profit to farmers and produces healthy crops. |
|  | Scalability of the Solution | In many disease such as most leaf spots, root and rusts in which plants are counted as disease whether they are exhibiting a disease of greater importance to the crop. |