

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

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|---------------|---|
| Date          | 19 September 2022   |
| Team ID       | PNT2022TMID47755  |
| Project Name  | Project – Fertilizer Recommendation System for Disease Prediction |
| Maximum Marks | 2 Marks   |

**Proposed Solution Template:**

| S.No. | Parameter                                | Description  |
|-------|--|--|
| 1.    | Problem Statement (Problem to be solved) | <ul style="list-style-type: none"><li>Farmers cannot prevent the plants from affecting by disease.</li><li>They are not knowing about suitable fertilizer for disease.</li></ul> |
| 2.    | Idea / Solution description              | <ul style="list-style-type: none"><li>An automated machine learning system for predicting the disease from images that can be uploaded by farmers.</li></ul>                     |
| 3.    | Novelty / Uniqueness                     | <ul style="list-style-type: none"><li>More accurate in disease prediction</li><li>Better suggestion of disease</li><li>Dataset can upgrade as when required.</li></ul>           |
| 4.    | Social Impact / Customer Satisfaction    | <ul style="list-style-type: none"><li>Provide the complete solution through online</li><li>Farmer can yield crops with good quality</li></ul>                                    |
| 5.    | Business Model (Revenue Model)           | <ul style="list-style-type: none"><li>Will increase the rate of buying fertilizers for industries.</li><li>Will provide more quality crops.</li></ul>                            |
| 6.    | Scalability of the Solution              | <ul style="list-style-type: none"><li>New diseases can be added to dataset for better prediction.</li><li>Will be helpful to farmers who are not educated.</li></ul>             |