

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

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|---------------|--|
| Date          | 14 OCTOBER 2022  |
| Team ID       | PNT2022TMID24342                                       |
| Project Name  | Project - Estimate the Crop Yield using Data Analytics |
| 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) | Increase of Poverty, increase in farmers Suicide, Increase the profit in yield, Loss of appetite.   |
| 2.    | Idea / Solution description              | Provide perfect data report after deep analyse of past data. Helping them out to overcome loss in farming and business.   |
| 3.    | Novelty / Uniqueness                     | With this solution we can Analysis, visualize the data and gives the farmers to choose which plant/crop to cultivate at which period of time or season to gain more profit from the crop yield. |
| 4.    | Social Impact / Customer Satisfaction    | By providing the perfect data visuals it creates a large impact in crop yield. And gain more profit to the farmers.   |
| 5.    | Business Model (Revenue Model)           | We can create large number of crop production and other raw materials. Increase in natural products and organic foods from this we can increase the Revenue for the farmers.                    |
| 6.    | Scalability of the Solution              | With the data visual reports, we can cultivate crop according to the Crop, State, district, climate, soil can change the estimation of Crop yield.  |