

Project Design Phase-I
Proposed Solution Template

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| Date | 14 OCTOBER 2022 |
| Team ID | PNT2022TMID21973 |
| 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. |