

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

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|---------------|--|
| Date          | 23 September 2022                            |
| Team ID       | PNT2022TMID24195                             |
| Project Name  | Estimate the Crop Yield using Data Analytics |
| Maximum Marks | 2 Marks                                      |

**Proposed Solution :**

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

| S.No. | Parameter                                | Description   |
|-------|--|---|
| 1.    | Problem Statement (Problem to be solved) | Loss in crop yield, Loss of appetite , Increase of Poverty , Decrease depression and Suicide farmer .   |
| 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                     | According state, district , Climate (Season) and Area and others .We will analytics report and give tips to plant which is comfortable and profitable for them to make profit in the crop yield |
| 4.    | Social Impact / Customer Satisfaction    | It can solve almost all the problems statement which we analyse. By providing the perfect data visuals it can create a large impact in crop yield and profit of the farmers.                    |

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|----|--------------------------------|--|
| 5. | Business Model (Revenue Model) | <p>We can create large number crop production and other raw materials too. We can sale these data report to the industry which need raw materials continuously for their factories. If the outcome is profited According to the Farmer wealth we cost for the model. we can approach government too buy and share the farmer to get wealthy crop yield .</p> |
| 6. | Scalability of the Solution    | <p>With the data visual reports we can cultivate crop according to the Crop, State, district , climate , soil can change the estimation of Crop yield</p>  |