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

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| Team ID | PNT2022TMID32303 |
| Project Name | Estimation of crop yield using data analytics |
| 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** |
| 1. | Problem Statement (Problem to be solved) | A farmer should able to predict climatic conditions, decide what to grow and when to  grow, should know the overall crop yield . |
| 2. | Idea / Solution description | Analyse the important aspects using the previous years data , creating the dashboard and through the datasets to obtain the most  insights of crop production. |
| 3. | Novelty / Uniqueness | It can be a unique and one-stop solution for a better understanding and to get a clear insight  about the previous years’ data on crop yield. |
| 4. | Social Impact / Customer Satisfaction | It is available to everyone who needs help and assistance. This is a simple approach and easy  to understand. |
| 5. | Business Model (Revenue Model) | A profit can be made be promoting the solution as an easily available mobile application for  everyone to access it and benefit out of it. |
| 6. | Scalability of the Solution | There is no issue with regards to storage of datasets.  Therefore the solutions can be easily scaled to handle data needs, traffic and increased number of users. |