**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID 35575 |
| 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.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | With the changing of climate, agriculture faces increasing problems leads to losses of crops, our project is to predict crop-yield which can be extremely useful to farmers in planning for harvest and to get a maximum harvest. |
|  | Idea / Solution description | Analysing the previous data we prepare dashboard which provides accurate result which helps the farmers to prevent the crop lost and to increase the productivity. |
|  | Novelty / Uniqueness | The report is based on the area, state, climate, soil which will give suggestion to the farmers about the crop to be cultivated to help them to get more vegetation. |
|  | Social Impact / Customer Satisfaction | By this visualization information will ultimately lead to better production forecasts and greater crop yield. |
|  | Business Model (Revenue Model) | Data's are collected and models can be implemented easily and can be widely used by farmers. |
|  | Scalability of the Solution | More accurate result can be obtained for different climate, soil, state and district, as enough details are present in dataset. |