

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

Date	25 September 2022
Team ID	PNT2022TMID03011
Project Name	Estimate the Crop Yield using Data Analytics
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	Crop production in India is one of the most important sources of income and India is one of the top countries to produce crops. As per this project we will be analyzing some important visualization, creating a dashboard and by going through these we will get most of the insights of Crop production in India.
2.	Idea / Solution description	The accurate prediction of crop yield certainly benefits the farmers in choosing the right method to reduce the crop damage and get best prices for the crops.
3.	Novelty / Uniqueness	If the production of a crop observes a declining trend then they can plan to implement the <b>schemes</b> at an <b>early stage</b> . This in return will <b>save</b> the state from <b>shortage of a product</b>
4.	Social Impact / Customer Satisfaction	It is used to monitor progress towards a global set by governments, non-governmental organizations, and other stakeholders.
5.	Business Model (Revenue Model)	According to the revenue side it will yield more revenue to the farmers as well as to the governments.
6.	Scalability of the Solution	The data which are present in the datasets will be up to date. So it will help the customer to act accordingly