

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

Date	23 OCTOBER 2022
Team ID	PNT2022TMID53846
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 and production.
2.	Idea / Solution description	Provide perfect data report after deep analysis of past data. Helping them out to overcome loss in farming and business.
3.	Novelty / Uniqueness	With this solution we can analyse, visualize the data and give the farmers to choose which plant/crop to cultivate at which period of time or season to gain more profit from the crop Yield during the different seasons.
4.	Social Impact / Customer Satisfaction	By providing the data visuals, it creates a large impact in crop yield. And helps the farmers to gain more profit.
5.	Business Model (Revenue Model)	We can create large number of crop production , Increase in natural products and organic foods & 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.