

Project Design Phase-I
Proposed Solution Template

Date	14 OCTOBER 2022
Team ID	PNT2022TMID30683
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 the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Poverty, farmer suicides, yield profits, and appetite loss are all on the rise.
2.	Idea / Solution description	After a thorough analysis of the prior data, provide the ideal data report. assisting them in overcoming commercial and agricultural losses.
3.	Novelty / Uniqueness	With the help of this technology, we can analyze and visualize the data and give farmers options for which plants or crops to grow when in order to maximize crop productivity.
4.	Social Impact / Customer Satisfaction	It significantly affects agricultural yield by offering the ideal data visualisations. and increasing the farmers' profits.

5.	Business Model (Revenue Model)	We are able to produce a lot of crops and other basic resources. We can improve the revenue for the farmers through a rise in natural goods and organic foods.
6.	Scalability of the Solution	With the aid of data visual reports, we can alter the estimation of crop yield by cultivating crops in accordance with the type of crop, the State, district, climate, and soil.