Project Design Phase-I
Proposed Solution Template

Date	31 OCTOBER 2022
Team ID	PNT2022TMI38158
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, Loss of appetite.
2.	Idea / Solution description	Provide perfect data report after deep analyse of past data. Helping them out to overcome loss in farming and business.
3.	Novelty / Uniqueness	With this solution we can Analysis, visualize the data and gives the farmers to choose which plant/crop to cultivate at which period of time or season to gain more profit from the crop yield.
4.	Social Impact / Customer Satisfaction	By providing the perfect data visuals it creates a large impact in crop yield. And gain more profit to the farmers.
5.	Business Model (Revenue Model)	We can create large number of crop production and other raw materials. Increase in natural products and organic foods from this we can 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.