Project Design Phase-I
Proposed Solution Template

Date	16 October 2022
Team ID	PNT2022TMID13175
Project Name	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)	To estimate the crop yield using data analytics techniques to help farmers increase the profit by good harvesting practices
2.	Idea / Solution description	To create a system that gives an estimation of the crop types to be planted in a given season and location
3.	Novelty / Uniqueness	Understanding the nature of crops and their growth process
4.	Social Impact / Customer Satisfaction	Help farmers continue their job without worrying about loss in their investment
5.	Business Model (Revenue Model)	A model that gives farmers information about different crops so that they can invest in a crop that maximizes the profit in that season and soil condition.
6.	Scalability of the Solution	To perform analysis on all kinds of soil, weather and crop types