

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID13569
Project Name	Project – Estimate the crop yield by 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 crop yields using data analytics, to aid farmers in making better decisions in order to have healthy crop production.
2.	Idea / Solution description	Provide perfect data report after deep analysis of the past data. Helping them out to overcome loss in farming and business.
3.	Novelty / Uniqueness	The dataset contains information about the crops in various districts, states, seasons and areas. Using all these facts, farmers making the best crop choice for their region during a specific growing season to increase output.
4.	Social Impact / Customer Satisfaction	Perfect data visuals create large impact of the crop yield and hence farmers will be able to gain more benefit.
5.	Business Model (Revenue Model)	A profit will be made by promoting this solution a an easily available mobile app for anyone to access and get benefit from it. Venture partnership with government may yield financial rewards.
6.	Scalability of the Solution	There are no issues about the storage of dataset and collection of data. Hence, the solution can be easily scaled results in positive impact on traffic and increased number of users.