

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID20578
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
•	Problem Statement (Problem to be solved)	Increasing innovation and productivity of the crop yield
•	Idea / Solution description	Easy-to-use, customizable farm management platform with live data visualization for data driven decision-making in real-time.
•	Novelty / Uniqueness	1.Improve operational efficiency and increase productivity and profitability. 2.Draw analytical insights on expenses, inventory and crop growth.
•	Social Impact / Customer Satisfaction	1.Keep farmers updated on the data-driven decision making process to prevent losses. 2.Make informed business decisions with enhanced predictions, forecasts and reports.
•	Business Model (Revenue Model)	This agriculture software for field and crop monitoring are dedicated to provide professional growers, food producers and agro consultants with precise field data using data analytics.
•	Scalability of the Solution	Reports are easy to understand and provide actionable information throughout the season.