

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID21122
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)	The main objective of this project is to predict crop-yield which can be extremely useful to farmers in planning for harvesting and cultivating the crops.
2.	Idea / Solution description	The farmer should get information about the climatic factors because it will save the crop from natural disaster.
3.	Novelty / Uniqueness	By visualizing the data, the farmers can able to choose the crop which will give more profit in the desired season
4.	Social Impact / Customer Satisfaction	Knowledge about the climatic factors to save the farmers from losses and crop damage.
5.	Business Model (Revenue Model)	The farmers will take better decision with the help of dashboard which shows the visualization of the crop production.
6.	Scalability of the Solution	Based on the data analytics report they can cultivate the crops according to some factors like climatic conditions, soil fertility level, etc...