

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

Date	23 September 2022
Team ID	PNT2022TMID44400
Project Name	Estimate the crop yield using Data Analytics
Maximum Marks	2 Marks

**Proposed Solution:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The main problem to be solved using Data analytics is to predict the crop yield which can be extremely useful to farmer in planning for harvest and sale of grain harvest.
2.	Idea / Solution description	As a result of penetration of technology into agriculture field,there is a marginal improvement in the productivity.The innovation have lead to new concepts
3.	Novelty / Uniqueness	It helps us to understand food security and also explain why your crop can cost more in one year and than less the following year
4.	Social Impact / Customer Satisfaction	The data analytics done on agriculture soil,hidden pattern discovery thus it help farmer to increase the crop yield
5.	Business Model (Revenue Model)	It help farmer monitor health of crops in real-time,create predictive analytics related to future yield thus help in increase production,and it increase cost of model.
6.	Scalability of the Solution	In different type of soil,climate change it estimate the accurate crop yield