

Project Design Phase-I

Date	19 September 2022
Team ID	PNT2022TMID18592
Project Name	Estimate the crop yield using data analytics
Maximum Marks	Project- 2 Marks

Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A Farmer is not being able to get a proper yield Because of the land not being used for a long period of time.
2.	Idea / Solution description	The idea is to find the salinity level of the soil and based on that we will be suggesting what crop will be grown in that land in order to get a good yield also we will be indicating the nutrients required so that the crop required to grow in that land
3.	Novelty / Uniqueness	The uniqueness is that we will be finding the nutrient level of the soil and by the regression process we will say how much the nutrient is to be added.
4.	Social Impact / Customer Satisfaction	The Customer that is the farmer will feel stress-free and will avoid the tension of crop quality and help to avoid getting an unwanted loan.
5.	Business Model (Revenue Model)	Since it's just an app for getting information about the usage of land there is no business motive. But it can be added as a subscribe pack for research purposes in future
6.	Scalability of the Solution	As of now, it is a very urgent need for the farmers how to use the land this will help to take unwanted loans from the bank for the loss and suffer