IDEATION PHASE

PROBLEM STATEMENT

DATE	1 SEPTEMBER 2022
TEAM ID	PNT2022TMID12196
PROJECT NAME	Estimate the Crop yield using Data Analytics
MAXIMUM MARK	2 Marks

Problem Statement:

Agriculture is the most important sector in today's life. India is an agricultural country. Yield of each crop depends on its dependent factors. It is very important to predict the yield of a crop to help farmers. Crop Yield Prediction is predicting the yield of a crop in future based on the dependent factors. Crop yield is dependent on factors like rainfall, pressure, temperature and area geographical location. This is achieved by

a) Designing a system to predict crop yield.
b) Providing graphical user interface to view prediction result and historical datasets

I am	The farmer who is trying to cultivating the crops for huge profit and very control in using crop yield.
I'm trying to	Use the recent technologies to increase the quantity and quality of crops.
But	I am unaware of the existing technology that can help me a lot to predict the yield ratio and I don't know to use the correct crop yield for season.
Because	I don't want to spoil the soil quality and crops quality.
Which makes me feel	I'm not capable of cultivating the crops and maintaining the quality of land and producing good quality of crops.