

## Project Design Phase-I

### Proposed Solution

Team ID	PNT2022TMID32404
Project Name	Estimate the Crop Yield using Data Analytics
Maximum Marks	2 Marks

S.NO	PARAMETER	DESCRIPTION
1	<b>Problem Statement (problem to be solved)</b>	Agrarian sector in India is facing rigorous problem to maximize the crop productivity. The problem of yield prediction is a major problem that remains to be solved based on available data
2	<b>Idea/solution description</b>	Data analytics are the better choices for this purpose. Different Data techniques are used and evaluated in agriculture for estimating the future year's crop production.
3	<b>Novelty/Uniqueness</b>	It is single and one stop solution for understanding about the future prediction of crop yield using previous years data and there is no other setup is required for analyzing and to get benefit.
4	<b>Social Impact/Customer Satisfaction</b>	It has to be available to all the farmers who need help that can be solved from this application and it has to be simple and understandable by the enduser.
5	<b>Business Model (Revenue Model)</b>	A profit will be made by promoting this solution as an easily available mobile app for anyone to access and get benefit from it. The profit is done for every purchase of this project.
6	<b>Scalability of the solution</b>	There is no issue about the storage of datasets and collection of data. Hence, the solution can be easily scaled results in positive impact on traffic and increased number of users.