Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID32283
Project Name	Exploratory Analysis of Rainfall Data In India For Agriculture
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)	Agriculture is highly dependent on weather conditions. Due to unpredictable rainfall there is a great impact in crop productivity.
2.	Idea / Solution description	By analysing the pattern using the factors causing rainfall and determining the amount of rainfall in different locations, we can predict the rainfall.
3.	Novelty / Uniqueness	Suggesting the type of crop to be harvested based on predicting the amount of rainfall.
4.	Social Impact / Customer Satisfaction	In Social Impact, it helps in making of decisions regarding the cropping pattern and sowing rate.
5.	Business Model (Revenue Model)	Different types of crops can be planted for good health. It helps in making of decisions regarding the cropping pattern and sowing rate.
6.	Scalability of the Solution	This will help the farmers in scheduling their agricultural process. A good balance of rain and proper irrigation can lead to faster growing plants and yields better crops.