

Project Design Phase-I
Proposed Solution Template

Date	23 september2022
Team ID	PNT2022TMID30080
Project Name	Exploratory Analysis of Rain Fall Data in India for Agriculture
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">• Rainfall is very important because heavy and irregular rainfall can have many impacts like the destruction of crops and farms.• Rainfed crops are prone to breaks in the monsoon during the crop growth due to water stress.• Farmers need to satisfy the rising demand for more food of higher quality.
2.	Idea / Solution description	<ul style="list-style-type: none">• Water resources can be fully utilised through interstate coordination on water management, water can easily be delivered to the areas where it is most required.• Helps in producing healthy crops and good fields.• Provides extra support to maintain the agriculture.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• This application is useful for the beginners in agriculture.• Seed maturity selection features are available.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Different types of crops can be planted for good health.• It helps in making of decisions regarding the cropping pattern and sowing rate.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• Indian economy is vitally linked with the monsoon because of its water resources.• The growth of economy is stimulated by higher production of crops which makes profit in trading.
6.	Scalability of the Solution	<ul style="list-style-type: none">• A good balance of rain and proper irrigation can lead to faster growing plants and yields better crops.