

**Project Design Phase-I**  
**Proposed Solution Template**

Date	20 october 2022
Team ID	PNT2022TMID42699
Project Name	Project - 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)	<ul style="list-style-type: none"><li>• Rainfall is very important because heavy and irregular rainfall can have many impacts like the destruction of crops and farms.</li><li>• Farmers need to satisfy the rising demand for more food of higher quality</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>• 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.</li><li>• Helps in producing healthy crops and good fields.</li><li>• Provides extra support to maintain the agriculture</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• This application is useful for the beginners in agriculture.</li><li>• Seed maturity selection features are available.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• Different types of crops can be planted for good health.</li><li>• It helps in making of decisions regarding the cropping pattern and sowing rate</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>• Indian economy is vitally linked with the monsoon because of its water resources.</li><li>• The growth of economy is stimulated by higher production of crops which makes profit in trading</li></ul>

6.	Scalability of the Solution	A good balance of rain and proper irrigation can lead to faster growing plants and yields better crops
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