

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

<b>Date</b>	29-09-2022
<b>Team Id</b>	PNT2022TMID01292
<b>Project Name</b>	EXPLORATORY ANALYSIS OF RAINFALL DATA IN INDIA FOR AGRICULTURE
<b>Maximum Marks</b>	

**Proposed solution:**

The project aims at building an application that provides information about the Crop production during rainfall and to check the weather condition in INDIA to help the farmers to safeguard their crops during rainfall.

S.No	Parameter	Description
1	Problem statement (problem to be solved)	How can we predict the Rainfall and the weather? Which method is best for crop yield?
2	Idea / Solution description	Ensures as a life saving device for crop production which helps the farmers to protect crops from rainfall and checks the weather conditions to predict crops.
3	Novelty / Uniqueness	1)Safeguard the crops from rainfall 2)Analyse the weather condition 3)Measuring the rainfall data
4	Social Impact / Customer Satisfaction	It will help the farmers to take precautionary steps to minimize the losses and consider technological solutions to improve production
5	Business Model (financial Benefit)	1)Collaboration in agriculture-sector 2)Providing technological solutions 3)Offer exciting on crops in agriculture
6	Scalability of Solution	1)Analyse the climate data from meteorological stations and from food and Agricultural organizations. 2)Estimating climate change impacts on Indian agriculture