

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

<b>Date</b>	24-09-2022
<b>Team Id</b>	PNT2022TMID08185
<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 containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

<b>S.No</b>	<b>Parameter</b>	<b>Description</b>
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