PROBLEM SOLUTION FIT

TEAM ID : **PNT2022TMID39901**

PROJECT TITLE : **Exploratory Analysis of Rain Fall Data in india for Agriculture**

Define CS, fit into CL

CS

1. Customers Segment:
- ✓ Micro, small or marginal,emerging and large or commercial farmers.
- ✓ Departments of the Government or NEWS organizations seeking rainfall forecasts.

CC

6. Customer Constraints:
- ✓ Cost limitation.
- ✓ Time limitation.
- ✓ Agriculture supply limitation

AS

5. Available solution:
- ✓ A website exists which uses the previous data to predict the rainfall and various models are been developed.
- ✓ NEWS on weather forecasting.
- ✓ Prediction by the experts.

Explore AS, differentiate

Focus on PR, tap into BE, understand RC

PR

2.Problems/Jobs-to-be-done:
- ✓ Because of the long gap between rains, crops face water stress. Short term crops Their vegetative phase would be cut short and they will go into early flowering, leading to a drop in yield.

RC

9. Problem Root Cause:
- ✓ Irregular rainfall in various regions of India
- ✓ Drastic variability in climate change
- ✓ Biodiversity loss
- ✓ Unpredictable weather
- ✓ Formation of cyclones in costal areas

BE

7. BEHAVIOUR
- ✓ Customers draw a petition to the Government to solve their problems.
- ✓ Online report submission system are available.
- ✓ They report to the experts in the field.

Focus on PR, tap into BE, understand RC

TR

3. Triggers:
- ✓ To create an innovation to predict weather to save water and crops.

10. Your Solutions:
- ✓ Advancing Monsoon Contributes Almost 80% of the Rainfall.
- ✓ We Considered Tamilnadu As One of The Subdivisions To Do Analysis.

SL

CH

8. Channels of behaviour:
Online:
- ✓ See the rainfall prediction through online

Offline:
- ✓ Observe the current satiation weather data.

EM

4. Emotions:
- ✓ lack of stored water available in dryland – rainfall harvesting.