Project Title: Estimate the crop yield using data analytics   **Project Design Phase-I – Solution Fit Template**   **Team ID: PNT2022TMID31762**

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

a. Farmers are the major clients that will use this to make good money.

b. individuals who have entered we're into farming are second-class clients.

6. CUSTOMER CONSTRAINTS — CC

a. Budget

b. Land

c. Labor Feeds

d. Disease

e. Poor Water

5. AVAILABLE SOLUTIONS — AS

Recently, agricultural sowing has received some attention, although the outcomes are inconsistent.

Explore AS, different

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS

a. This gives the greatest charts for data visualisation.

b. It provides a detailed explanation of which crop should be planted during the month, depending on the region.

9. PROBLEM ROOT CAUSE — RC

lack of understanding of crop cultivation.

7. BEHAVIOUR — BE

They can quickly identify the issue with constant monitoring. Charts that display data can help them make good decisions.

Focus on J&P, tap into BE, understand RC

3. TRIGGERS `TR`

By observing other farmers who are producing more crops

4. EMOTIONS: BEFORE / AFTER `EM`

Farmers initially have no knowledge of the actual crop sowing before using the charts.

10. YOUR SOLUTION `SL`

a. Working on an existing project to estimate agricultural yield production in India is what we're doing right now.

b. By using these data visualization charts we get the best crops for the season and area.

c. In fact, data visualisation and dashboards make it easier for farmers to understand than old methods and some words.

8. CHANNELS of BEHAVIOUR `CH`

What kind of actions do customers take online?

helps them come up with fresh ways to respond to inquiries.

What kind of actions do customers take offline?

They can do the agricultural sowing on their lands while viewing this data visualisation online.