Project Title: ESTIMATE THE CROP YIELD USING DATA ANALYTICS
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Project Design Phase-I - Solution Fit Template

Explore AS, differentiate

1. CUSTOMER SEGMENT(S)

Who is your customer?

CS

- Farmers the main customers who will using this to get good profit.
- Peoples who are entered into farming are our secondary customers.

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices of solutions?

- Budget
- Land
- Labor
- feed quality
- water, disease

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past?

- In the past days they hears about crop sowing but it does not give correct results.
- Data visualization provides them a good understanding about sowing of crops.

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

2. JOBS-TO-BE-DONE / PROBLEMS

Which jobs-to-be-done (or problems) do you address for your customers?

- This provides a best data visualization chart's.
- It gives the complete guide about which crop to be sowed in the month and based on the area.

9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists? What is the back story behind the need to do this job?

RC

- Lack of knowledge about the crop production.

7. BEHAVIOUR

What does your customer do to address the problem and get the job done?

BE

- By continuous monitoring they can easily find the problem. By data visualization charts they can get good idea.

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

3. TRIGGERS TR

What triggers customers to act?

- By seeing other farmers who are getting more crop production.

4. EMOTIONS: BEFORE / AFTER EM

How do customers feel when they face a problem or a job and afterwards?

- At first before using the charts farmers don't know the actual sowing of crops.
- After using this chart they get idea about the crop sowing and get good yield.

10. YOUR SOLUTION SL

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

SOLUTION:

- We are currently working on an existing project of estimation of crop yield production in India.
- By using this data visualization charts we get best crops for the season and area.
- Really, Data visualization and dashboard helps the farmers to understand very easy as compared to traditional method and also some paragraphs.

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE

What kind of actions do customers take online?

- Helps to create a new way for them to answer questions.

8.2 OFFLINE

What kind of actions do customers take offline?

- They can see this data visualization in online and do the crop sowing on their respective land.