Project Title: Estimate the Crop Yield using Data Analytics   **Project Design Phase-I** - **Solution Fit**
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Define CS, fit into CC			Explore AS, differentiate

1. CUSTOMER SEGMENT(S) `CS`

- Farmers
- Individuals associated with agricultural activities, cultivation, harvest and sales of the harvested goods.

6. CUSTOMER CONSTRAINTS `CC`

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

- Monetary Issues
- Network Issues
- Lack of Awareness
- Quality of soil, manure, water etc.

5. AVAILABLE SOLUTIONS `AS`

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? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

- Traditional ways of prediction
- Precision farming

2. JOBS-TO-BE-DONE / PROBLEMS `J&P`

- Help them understand the usage of prediction and software for better results in agriculture
- Data is to be collected and awareness should be brought in order to orchestrate the above mentioned

9. PROBLEM ROOT CAUSE `RC`

- Weather conditions
- Soil Conditions
- Water availability
- Unpredictable weather conditions
- Pest issues
- Manure and other usages
- Crop resistance

7. BEHAVIOUR `BE`

- Try to get help from agricultural experts
- Try to take up non-natural means of cultivation for quicker harvest

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