Team ID: PNT2022TMID26330

TR

1. CUSTOMER SEGMENT(S)

customer in some cases.

Farmers are the primary target customer along with

them small Industrial Workers may also be the

CS

5. AVAILABLE SOLUTION

AS

Online:

Explore AS, differentia

Manual monitoring of crops by recognizing changes in leaf quality and sick patches, people can assess a plant's level of illness. In similar way weather and Quality of soil are recognized, Irrigation Control is done by making the water paths to the crops manually.

Basic understanding of plants, Soil quality, and Control the irrigation of the crop through the application

8. CHANNELS OF BEHAVIOUR

Offline:

People attempt to diagnose diseases based on the condition of the leaves.

2. JOBS-TO-BE-DONE / PROBLEMS

This application focuses on Crop Monitoring,

Local weather Monitoring, Soil Quality

Monitoring and Irrigation Control.



6. CUSTOMER CONSTRAINTS

 \mathbf{CC}

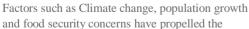
9.PROBLEM ROOT CAUSE



Access to a reliable internet connection. To acquire a precise prognosis of disease in the plant, the image must be captured in the necessary pixels. More sensors should be used and make the farmers to access the application in a easy way.

Having poor drainage, the soil lacks water and nutrients like phosphate and nitrogen that cause disease.

3. TRIGGERS



industry into seeking more innovative approaches.



Directly: The tool makes it simple for farmers to monitor the crop, weather conditions and quality of the soil, and they don't need any further expertise in disease prediction.

7. BEHAVIOUR

Indirectly: Online results may be accessed instantly by farmers, who can also expect good crop growth and irrigation system.

10. SOLUTION

В

By making farming more connected and intelligent, precision agriculture helps reduce overall costs and improve the quality and quantity of product.



4. EMOTIONS: BEFORE / AFTER Before: Losing confidence, Miserable, Stressed. After: Self-assured, Relief, Happy