More capital for implementation

Continuous Network connection

Lack of digital knowledge for farmers in

5. AVAILABLE SOLUTIONS

Explore AS, differentiate

Team ID: PNT2022TMID23571

- Traditional irrigation practices show numerous adverse effects on groundwater quality and crop yield.
 - Intensive farming involves the use of various kinds of chemical fertilizers. pesticides, and insecticides.

1. CUSTOMER SEGMENT(S)

- Marginal to Large scale farmers.
- Farmers performing Substantial, Commercial and Home farming
- Private organizations that performs agriculture

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

CS

- To monitor the temperature, humidity and soil quality.
- Prevents from Animal Intrusion and Pests.

Level 5 automated system

media advertising.

4. EMOTIONS: BEFORE / AFTER

Maximum yield and minimised

Display, paid search and social

Analysing ideal irrigation and cropping pattern.

9. PROBLEM ROOT CAUSE

6. CUSTOMER CONSTRAINTS

rural areas



CC

- Inefficient traditional practices.
- Weather and Climatic Changes.
- Improper Cropping Pattern.
- Pests Infestation.

7. BEHAVIOUR



- To acquire necessary data to analyse the crop health with the help of the camera and uploading them in the application.
- To navigate around the application's features.

3. TRIGGERS





10. YOUR SOLUTION



The proposed solution aims at increasing production while optimizing the required human efforts and minimizing the losses.

- Crop Health Monitoring (temperature, humidity, seed & soil quality)
- Precision Farming (Weather forecasts, analysing ideal irrigation and cropping patterns)
- Crop Protection (pest control by automated fertilizer spraying, prevent animal intrusion)

8.CHANNELS of BEHAVIOUR



ONLINE 8.1

- Analysis of Data collected
- Accessing Application's features.

8.2 **OFFLINE**

- Data collection
- Implementing the Suggestions provided by the application.

strong 됬

Define CS

fit into C

Insecure → Confident Unreliable → Trustworthy

losses





