Purpose / Vision

Define CS, fit into CC

CS

1. CUSTOMER SEGMENT(S)

To use some sensors, farmers keep a close eye on so many field elements like soil water, weather, and saturation.

CC

6. CUSTOMER CONSTRAINTS

The constraints that the customer face while using a this application is used in low cost and easy way.

AS

5. AVAILABLE SOLUTIONS

The solutions which we proposed are use of prevent crops , use of soil moisture, Temperature, humidity using some sensors.

Explore AS, differentiate

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

J&P

2. JOBS-TO-BE-DONE / PROBLEMS

Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmer is not near his field.

RC

9. PROBLEM ROOT CAUSE

Due to the inability to predict crop production in advance in traditional method.

BE

7. BEHAVIOUR

They can make the decision whether to water the crop or postpone it by monitoring the sensor parameters and controlling the motor pumps from the mobile application itself.

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

Identify strong TR & EM

TR

3. TRIGGERS

Some of the triggers are advertisements in the television and information from the experts.

SL

10. YOUR SOLUTION

IoT --based agriculture system aids the farmer in keeping track of various field conditions, such as soil moisture, temperature, and humidity, utilising a variety of sensors. Even when the farmer is far from his field, he or she can use a web or mobile application to monitor all the sensor parameters.

CH

8. CHANNELS of BEHAVIOUR

8.1 ONLINE

With help of various online channel farmers can predict and gain knowledge about the crops growth detection.

8.2 OFFLINE

Smart farming based on IoT technologies enables growers and farmers to

reduce waste and enhance productivity ranging from the quantity of fertilizer utilized to the number of journeys the farm vehiclesand enabling efficient utilization of resources such as water, etc..

EM

4. EMOTIONS: BEFORE / AFTER

With the traditional farming were depressed due to the inability to predict the disease which caused low yield but after using IOT system they are happy with the high yield.

Extract online & offline CH of BE