

Problem Solution Fit

Define CS, fit into

1. CUSTOMER SEGMENT(S)

Agriculture is the main aspect of country development. Many people lead their life from agriculture field, which gives fully related to agricultural products.

Purpose / Vision

6. CUSTOMER CONSTRAINTS

Admin can store the fertilizers based on disease categorization with severity levels. The measurements of fertilizers suggested based on disease severity.

5. AVAILABLE SOLUTIONS

Support Vector Machine (SVM) SVM is a binary classifier to analyze the data and recognize the pattern for classification. The main goal is to design a hyperplane that classifies all the training vectors in different classes

Explore AS,

Focus on J&P, tap into BE, understand

2. JOBS-TO-BE-DONE / PROBLEMS

Plant pathologists can analyze the digital images using digital image processing for diagnosis of plant diseases. Application of computer vision and image processing strategies simply assist farmers in all of the regions of agriculture.

J&P

9. PROBLEMROOT CAUSE

The plant leaf diseases are caused by Pathogens which are positioned on the stems of the plants. These different symptoms and diseases of leaves are predicted by different methods in image processing. These different methods include different fundamental processes like segmentation.

RC

7. BEHAVIOUR

Plant leaf disease identification is especially needed to predict both the quality and quantity of the First segmentation step primarily based on a mild polygonal leaf model is achieved

Focus on J&P, tap into BE, understand

Identify strong TR &

3. TRIGGERS

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

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 AI system they are happy with the high yield of the healthy crops.

10. YOUR SOLUTION

Farmers are unable to predict the disease earlier and couldn't find the correct fertilizer which would produce high yield. Using Artificial Intelligence, we can suggest how to use the sufficient mixture of chemical and bio-fertilizers so that it maximizes the yield and produces healthy crops.

8. CHANNELS of BEHAVIOUR

1. ONLINE

With help of various online channel farmers can predict and gain knowledge about the behaviors of various fertilizers.

8.2 OFFLINE

Buying fertilizers from authorized shops that are rich in license Created by Daria Nepriakhina/ Amaltama.com

Extract online & offline CH of

multi-vitamin maximizes the yield of the crop.