Problem-Solution Fit Fertilizers Recommendation System For Disease Prediction

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

Who is your customer?

Farmer

6. CUSTOMER CONSTRAINTS CC

The crop should be disease-free and should be healthy to increase yield.

5. AVAILABLE SOLUTIONS AS

The available solutions are giving symptoms after disease prediction

Explore AS, differentiate

Focus on J&P, tap into

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

The prediction system should identify the disease correctly and should inform the farmer about which fertilizer to use and notify about new crop diseases

9. PROBLEM ROOT CAUSE RC

Crops can be affected for a variety of reasons: Fungi, bacteria, viruses, etc. If the disease persists in crops, it may affect healthy crops too and can reduce the yield which leads to loss for society

7. BEHAVIOUR BE

The prediction system compares the uploaded image with datasets and identifies the disease and reports its symptoms.

Focus on J&P, tap int C

Identify strong TR & EM

3. TRIGGERS TR

If the disease is not matched, related diseases can be shown to the user. If the image uploaded is not clear, notify the user to reupload it.

4. EMOTIONS: BEFORE / AFTER EM

The users can cure diseases after using the fertilizer recommended by the system.

10. YOUR SOLUTION SL

The farmer can rectify the disease directly and prevent the disease by taking suitable fertilizer and precautions to harvest healthy crops. The farmer takes a snap of a diseased crop and uploads it. The prediction system identifies the disease using a machine learning algorithm and compares it with the existing dataset and the symptoms will be displayed.

8. CHANNELS of BEHAVIOUR CH

The Farmer can know about the disease and fertilizer in which quantity to use them. Along with that, he knows about the symptoms that is shown by the predicted disease crop.

Extract online & offline CH of BE