Problem-Solution fit canvas 2.0

FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Our customers are farmers, plant nutritionist and fertilizers vendors.

6. CUSTOMER CONSTRAINTS — CC

Uploading the images, text can be uploaded videos are not encouraged, audio are not encouraged.

5. AVAILABLE SOLUTIONS — AS

An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant. Deep learning techniques
are used to identify the diseases and suggest the precautions that can be taken for those diseases.

Explore AS, differentiate

Focus on J&P, tap into

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Diseases on plants placed a major constraint on the production and a major threat to food security. Hence, early and accurate identification of plant diseases is essential to ensure high quantity and best quality. In recent years, the number of diseases on plants
and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequate
plant protection techniques.

9. PROBLEM ROOT CAUSE — RC

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quantity and best quality. In recent years, the number of diseases on plants
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plant protection techniques

7. BEHAVIOUR — BE

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Focus on J&P, tap int C

Identify strong TR & EM

3. TRIGGERS — TR

In order to improve their crop yield and to
prevent from diseases,
for the best suggestion of the fertilizers.

4. EMOTIONS: BEFORE / AFTER — EM

Before using our app: Confused about the selection of fertilizers, lack of good suggestion
After using our app: Clear idea about crops and fertilizers usage.

10. YOUR SOLUTION — SL

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are used to identify the diseases and suggest the precautions that can be taken for those diseases

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE

Uploading of images through internet, text can be uploaded.

8.2 OFFLINE

suggestion can be viewed on the site.
Providing of new suggestion aren't possible.

Extract online & offline CH of BE

AMALTAMA