Project Title: Fertilizer Recommendation System For Disease Prediction

Project Design Phase-I - Solution Fit

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Define CS, fit into CC

CS

1.Customer Segment:

This is used for farmer. It helps farmer to identify the disease by themself and recommand fertilizers by themselves.

5. Available solution :

People are judge the disease in plants by identifying through the change of leaves quality

AS

8.Channels Of Behaviour:

Online :

Basic knowledge on the plant and fertilizer

Offline :

People try to identify the disease by the quality of the leaf's.

Explore AS, differentiate

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

J&P

2.Jobs To Be Done /Problems

This application helps the farmer who needs recommendation of fertilizer on the plant disease. Identifying disease is the major problem

RC

6.customer constraints :

Availability of good networks. Capturing the image in a required pixels to get a accurate prediction of disease in the plant.

BE

9. Problem root cause :

Various disease on the plants can lead to reducing the quality and quantity of the crops productivity. The insects on the plants can spread the disease.

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

TR

3.Triggers :

Seeing their crops are being infected by disease and facing huge loss in quantity and quality

EM

4.Emotion :

Before : losing self-confidence ,distress

After : gaining self-confidence ,relief

SL

7.Behaviour :

Directly :

Farmer can easily identify the disease by the application and they don't need any extra knowledge on the disease prediction

Indirectly :

Farmer can be able to get result through online immediately.

CH

10. Solution :

Using the fertilizer is one the solution for the disease in the plants. Our Application use the image of the infected plant by identifying the disease and suggest the good fertilizer for the disease