1. CUSTOMER SEGMENT(S)

Faímeís

Define

ഗ

into

C

Identify strong

됬

- Agíicultuíal ScientistsAgíicultuíal Reseaícheís
- Gaídeneís

6. CUSTOMER CONSTRAINTS

CC

Constíaints pieventing customeis fíom takingaction

- Non availability of stiong network connection in rufal areas.
- Less availability of devices to upload the plant images.
- Regulaí poweí cuts.
- Insufficient knowledge about the use of devices and applications.

5. AVAILABLE SOLUTIONS



- Faímeís manually obseíve plant diseases and make a íough guess based on theií expeíience, sometimes the feítilizeí chosen might not be appíopíiate
- Otheí schemes foí feítilizeí íecommendation may not be accuíate foí a specific disease.

2. JOBS-TO-BE-DONE / PROBLEMS



CS

- Píediction of plant disease
- Recommendation of appiopiiate feitilizeis
- Impíovement of model using feedback

9. PROBLEM ROOT CAUSE



- Incoíiect usage of feitilizeis in the past.
- Low soil quality due to excess use of feítilizeís.
- Usage of infected seeds.
- Delay in the obseivation of disease leading to its spiead
- Impíopeí maintenance.

7. BEHAVIOUR



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

Indirectly related: Farmer can be able to get result through online immediately.

3. TRIGGERS



- Observing fields and the crop yield
- Learning about alternate solutions on the internet
- Seeing their crops are being infected by disease and facing huge loss in quantity and quality

4. EMOTIONS:



When the crop gets affected by the disease the farmer feels Before: losing self-confidence, distress After: gaining self-confidence, relief

> Confused > Claified Distiessed > Satisfied

10. YOUR SOLUTION



8. CHANNELS of BEHAVIOUR



Our Application use the image of the infected plant by identifying the disease and suggest the good fertilizer for the disease By training the model numerous times to make it accurate enough to predict various new diseases in less time.

8.1 ONLINE

- Reading articles online to improve knowledge about various plant diseases and appropriate fertilizers.
- ➤ Gathering information online about various fertilizer recommendation sources.

8.2 OFFLINE

- Manual observation of other fields and the fertilizers used by other farmers
- Talking to agricultural researchers in person about plant diseases.