Define

CS, fit into

# 1. CUSTOMER SEGMENT(S)

correctly using fertilizer.

Farmers are the application's primary target

application and receive recommendations for

market. The farmer may easily use this

CS

#### 5. AVAILABLE SOLUTIONS

illness.

By recognizing changes in leaf quality and sick

patches, people can assess a plant's level of

CC

# 8. CHANNELS OF BEHAVIOUR



Explore AS, differentiate

#### Online:

Basic understanding of plants, fertilizers, and Consult the website with questions.

#### Offline:

People seek information about the weather condition and attempt to diagnose diseases based on the condition of the leaves.

## 2. JOBS-TO-BE-DONE / PROBLEMS



This application focuses on assisting the farmer who requires a more accurate fertilizer suggestion for the diseased plants. One of the main issues in this situation is diagnosing the condition.

### **6. CUSTOMER CONSTRAINTS**

necessary pixels.

Access to a reliable internet connection. To

acquire a precise prognosis of disease in the

plant, the image must be captured in the

RC

# 9.PROBLEM ROOT CAUSE

BE

Having poor drainage, the soil lacks water and nutrients like phosphate and nitrogen that cause disease.

## 3. TRIGGERS

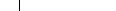
In big agricultural farms, disease-infected crops can result in significant losses in revenue and hinder economic development.



**EM** 

### 4. EMOTIONS: BEFORE / AFTER

Before: losing confidence, stressed, miserable After: self-assured, relief, happy



7. BEHAVIOUR

**Directly:** The tool makes it simple for farmers to recognize diseases, and they don't need any further expertise in disease prediction.

**Indirectly:** Online results may be accessed instantly by farmers, who can also expect healthy crop growth.



## 10. SOLUTION

Fertilizer is one of the best way to treat the plant disease. Our application uses a images of a diseased plant to identify the disease and offer advice on the best fertilizer to treat it. In order to get these outcomes, we employ various algorithms to suggest best fertilizer.