CO

Team ID: PNT2022TMID24340

Define CS, fit into

1.CUSTOMER SEGMENT(S)



Farmers are the customers for the application.

6. CUSTOMER CONSTRAINTS

Good network connection is required for the application to work properly.

5. AVAILABLE SOLUTIONS

Farmers can use the fertilizers

based on the knowledge they have.

The prediction may not always be correct. Hence they may not get expected yield all the time.

2. JOBS-TO-BE-DONE / PROBLEMS



This application helps farmers by recommending the fertilizer to be used on the infected crop. The job is to identify the type of disease occurred in the crop.

9. PROBLEM ROOT CAUSE



Due to the lack of proper knowledge about the crop diseases and unaware of the amount and what kind of fertilizers need to be used to prevent the diseases.

7. BEHAVIOUR



Directly related:

Customers can get the proper fertilizers to be used for the disease prevention and does not require any knowledge on the fertilizers.

Indirectly related:

They need not wait for so long in order to get the recommendation

3. TRIGGERS



As the application predicts the disease and offers the best solution by recommending the suitable fertilizer.

4. EMOTIONS: BEFORE / AFTER



Before: As they are not aware of the preventive methods, crop gets destroyed due to the disease and there is huge loss and there efforts gets wasted.

After: By taking the necessary steps in preventing the disease the crop yield will be high .

10. YOUR SOLUTION



Recommending the correct fertilizer to be used is the solution for preventing the disease in the plant. Our application suggests the good fertilizer for the disease.

8.CHANNELS OF BEHAVIOUR

Online: Providing online assistance to the farmer, regarding the knowledge about the application, and by giving more knowledge about AI and assistance about the fertilizer recommendation.

Offline: By conducting Awareness campus to teach the importance and advantages of the automation and AI which helps in the fertilizer recommending in the development of agriculture.