Project Title: Fertilizers Recommendation System For Disease Prediction

Project Design Phase-I - Solution Fit   **Team ID: PNT2022TMID34154**

1. CUSTOMER SEGMENT(S) `CS`

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

2. CUSTOMER CONSTRAINTS `CC`

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

3. AVAILABLE SOLUTIONS `AS`

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

4. JOBS-TO-BE-DONE / PROBLEMS `J&P`

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

5. PROBLEM ROOT CAUSE `RC`

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.

6. BEHAVIOUR `BE`

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.

7. TRIGGERS   TR

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

10. EMOTIONS: BEFORE / AFTER   EM

Before : losing self-confidence ,distress.

After : gaining self-confidence ,relief.

8. YOUR SOLUTION   SL

Using fertilizer is one of the solutions 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

9.CHANNELS of BEHAVIOR   CH

Online : Basic knowledge on the plant and fertilizer.

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