Fertilizer Recomentation System for Disease Prediction

**PROBLEM STATEMENT:**

Mr.M.Rangasamy is a 65 years old man. He had a own farming land and do Agriculture for past 30 Years , In this 30 Years he Faced a problem in Choosing Fertilizers and Controlling of Plant Disease.

* M.Rangasamy wants to know the better recommendation for fertilizers for plants with the disease.
* He has faced huge losses for a long time.
* This problem is usually faced by most farmers.
* M.Rangasamy needs to know the result immediately.

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| Who does the problem affect? | Persons who do Agriculture |
| What are the boundaries of the problem? | People who Grow Crops and facing Issues of Plant Disease |
| What is the issue? | In agricultural aspects, if the plant is  affected by leaf disease, then it reduces the growth and productiveness.  Generally, the plant diseases are  caused by the abnormal physiological  functionalities of plants. |
| When does the issue occur? | During the development of the crops  as they will be affected by various diseases. |

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| Where does the issue occur? | The issue occurs in agriculture  practicing areas, particularly in rural  regions. |
| Why is it important that we fix the problem? | It is required for the growth of better quality food products.  It is important to maximise the crop yield. |
| What solution to solve this issue? | An automated system is introduced to  identify different diseases on plants  by checking the symptoms shown on  the leaves of the plant. |
| What methodology used to solve the  issue? | Deep learning techniques are used to  identify the diseases and suggest the  precautions that can be taken for those diseases. |