



IDEATION FOR FERTILIZER RECOMMENDATION SYSTEM FOR PLANT DISEASE PREDICTION



FERTILIZER RECOMMENDATION SYSTEM FOR PLANT DISEASES PREDICTION

PROBLEM STATEMENT:

- ❖ Agriculture is the most important sector in today's life. Most plants are affected by a wide variety of bacterial and fungal diseases.
- ❖ Diseases on plants placed a major constraint on the production and a major threat to food security.
- ❖ Hence, early and accurate identification of plant diseases is essential to ensure high quantity and best quality.
- ❖ In recent years, the number of diseases on plants and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequate plant protection techniques.
- ❖ Finding leaf disease is important to yield and quality.

IDEATION

BRAINSTORM:

Brainstorm

PERSON 1

By creating app to develop and detect pest from plant

Using CNN layer

recommend farmer to download app from playstore

Get feed back from farmer

PERSON 2

Download dataset and upload data on plant diseases

find accuracy of diseases and tell about diseases briefly

by deep learning predict the diseases

recommend fertilizer for affected plant.

person 3

Find fruit leaves disease and vegetable disease

Find availability near fertilizer store

using SVM algorithm find accuracy

recommend fertilizer for plant

person 4

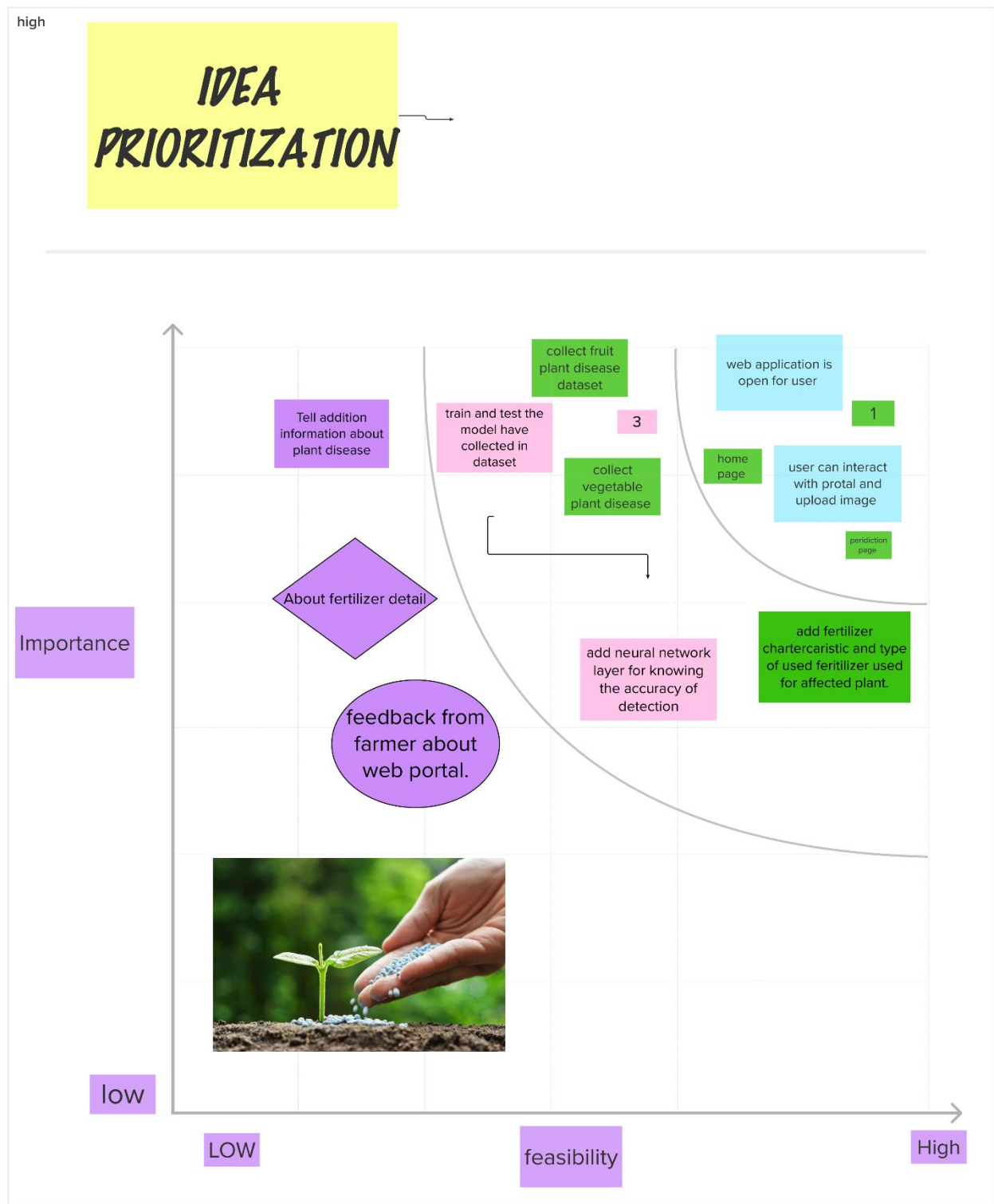
using CNN and deep learning technique find accuracy and predict disease.

Also find soil type and choose fertilizer

Using SSNM Technique

using website get recommendation and detection.

IDEA PRIORITIZATION:



THANK

YOU!!!