Project Objectives

Date	17 November 2022
Team id	PNT2022TMID01288
Project name	Fertilizer recommendation system for disease prediction
Maximum marks	4 marks

In today's society, agriculture is the most significant industry. Many different bacterial and fungal diseases afflict most plants. Plant diseases severely limited productivity and posed a serious threat to food security. To achieve maximum quantity and optimum quality, early and accurate identification of plant diseases is crucial.

The variety of pathogen strains, adjustments to production practises, and insufficient plant protection systems have all contributed to an increase in the number of plant diseases in recent years, as well as the severity of the damage they inflict. An automated technique is now available to recognise many plant diseases by examining the symptoms seen on the plant's leaves. In order to identify diseases and provide preventative measures, deep learning algorithms are applied.

- To preprocess the images.
- Applying the CNN algorithm to the dataset.
- How deep neural networks detect the disease.
- You will be able to know how to find the accuracy of the model.
- You will be able to build web applications using the Flask framework.