PROJECT OBECTIVES

DATE	10 November 2022
TEAM ID	PNT2022TMID01958
PROJECT NAME	Fertilizer Recommendation System for Disease Prediction

Project Objectives:

Agriculture has always been one of the most important factor. The art and science of cultivating the soil, growing crops and harvesting them . It includes the preparation of plant and animal products for people to use and their distribution to markets. And every crop needs the right fertilizer to stay healthy. The role of fertilizers is to increase yield and ensure healthy produce by supplying the right balance of nutrients to the soil.

In recent years the amount of plants being affecting by diseases has increased and these can be due to the various pathogen that affects the stems of the plants. A plant pathogen is an organism that causes a disease on a plant.

The Objective of this project is to detect the disease that is affecting the plants and recommending the suitable fertilizer for that disease. For this deep learning is being used to detect the diseases and taking the required actions. An automated system is being developed to detect the diseases and to recommend the fertilizer.