Project design phase -1

Solution architecture

Date	13 October 2022
Team ID	PNT2022TMID26444
Project Name	Project -Fertilizers Recommendation System for Disease prediction
Maximum Marks	2 Marks

Plant crop disease is anticipated, and appropriate fertilizer is advised for a higher yield. The diseased plant photos are acquired and preprocessed in comparison to the dataset of diseased plants. The photos are processed using a Deep Learning algorithm, which is subsequently tested. A model is then created based on the evaluations, trained using a variety of inputs, and predictions are presented to the users, aiding in the fertilizer recommendation process. The inclusion of the Convolutional layers in the classification and processing of the images further aids in

I suggest the fertilizers. The steps in picture classification are:

Acquisition of images

Preprocessing

Segmentation

Disease Prognosis

Fertilizer Suggestion