Project Design Phase – I

Date	07 November
Team ID	**PNT2022TMID08559**
Project Name	Fertilizer Recommendation System for Disease prediction
Maximum Marks	4 Mark

Leaf disease in plants or Tree is predicted and suitable fertilizer is recommended for better yield. The images of the diseased plants are obtained and it is pre processed against the dataset of diseased plants. Deep Learning Algorithm is used to process the images and then it is evaluated. Then a model is built on the evaluations, it is then trained using no. of. inputs and predictions are given to the users which subsequently helps in recommending the fertilizers. The Con evolutional layers are used to classify and process the images and further helps in recommending the fertilizers. The image classification steps are:

- Image acquisition
- Pre processing
- Segmentation
- Disease Prediction
- Fertilizer Recommendation

Solution Architecture’s;