PREREQUISITES

(Project software and packages)

Team ID	PNT2022TMID36381
Project Name	Fertilizers Recommendation System For Disease Prediction

Fertilizer Recommendation System For Disease Prediction :-

To complete this project, you should have the following software and packages

1. Anaconda

Anaconda Navigator is a free and open-source distribution of the Python and R programming languages for data science and machine learning-related applications. It can be installed on Windows, Linux, and macOS. Conda is an open-source, cross-platform, package management system. Anaconda comes with so very nice tools like JupyterLab, Jupyter Notebook,QtConsole, Spyder, Glueviz, Orange, Rstudio, Visual Studio Code. For this project, we will be using Jupiter notebook and spyder

To build Deep learning models you must require the following packages

1. Tensor flow

TensorFlow is an end-to-end open-source platform for machine learning. It has a comprehensive, flexible ecosystem of tools, libraries, and community resources that lets researchers push the state-of-the-art in ML and developers can easily build and deploy ML powered applications.

2. Keras

Keras leverages various optimization techniques to make high level neural network API easier and more performant. It supports the following features: Consistent, simple and extensible API. Minimal structure - easy to achieve the result without any frills. It supports multiple platforms and backends. It is userfriendly framework that runs on both CPU and GPU. Highly scalability of computation.

3. Flask

Web framework used for building Web applications. Watch the below video to Install the necessary Packages