

## PREREQUISITES

Date	18 November 2022
Team ID	PNT2022TMID10907
Project Name	Project - Fertilizers Recommendation System for Disease Prediction

### KERAS :

```
[1] from keras.preprocessing.image import ImageDataGenerator
train_datagen = ImageDataGenerator(rescale = 1./255, shear_range = 0.2, zoom_range = 0.2, horizontal_flip = True)
test_datagen = ImageDataGenerator(rescale = 1)
```

### TENSORFLOW :

```
[ ] import keras
import keras.utils
from keras.preprocessing import image
from tensorflow.keras.utils import img_to_array
from tensorflow.keras.models import load_model
import numpy as np
```

### NUMPY , PANDAS , FLASK :

```
import requests
from tensorflow.keras.preprocessing import image
from tensorflow.keras.models import load_model
import numpy as np
import pandas as pd
import tensorflow as tf
from flask import Flask, request, render_template, redirect, url_for
import os
from werkzeug.utils import secure_filename
from tensorflow.python.keras.backend import set_session
```