

Project Structure

Date	22 November 2022
Team id	PNT2022TMID41174
Project name	Fertilizer recommendation system for disease prediction
Maximum marks	4 marks

The screenshot displays the Visual Studio Code interface for a project named 'app.py - Flask - Visual Studio Code'. The Explorer sidebar on the left shows the project structure:

- FLASK
 - IBM deployment
 - Fruit_deployment_in...
 - Vegetable_deploym...
 - static
 - assets
 - css
 - js
 - templates
 - home.html
 - output.html
 - prediction.html
 - Train & Testing
 - Fruit_Training.ipynb
 - Fruit-Testing.ipynb
 - Vegetable-Testing.ip...
 - Vegetable-Training.i...
 - uploads

The main editor window shows the code for 'app.py':1 app.py > ...
2 import numpy as np
3 import pandas as pd
4 import tensorflow as tf
5 from flask import Flask, request, render_template, redirect, url_for
6 import os
7 from werkzeug.utils import secure_filename
8 from tensorflow.python.keras.backend import set_session
9 import openpyxl
10
11 #initialize flask app
12 app = Flask(__name__)
13
14 # load models
15 veg_model = load_model("vegetable.h5")
16 fruit_model = load_model("fruit.h5")
17
18 #home page
19 @app.route('/')
20

The bottom panel shows the Windows PowerShell terminal with the following output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\Plant Disease\Flask>
```