

Project Structure

Date	16 November 2022
Team id	PNT2022TMID26714
Project name	Fertilizer recommendation system for disease prediction
Maximum marks	4 marks

The screenshot displays the Visual Studio Code interface for a project named 'Harvestify-master'. The Explorer sidebar on the left shows the project structure, including folders like 'Data', 'models', 'static', 'templates', 'utils', and files like 'disease.py', 'fertilizer.py', 'model.py', 'app.py', 'config.py', 'Profile', 'requirements.txt', 'Runtime.txt', 'Data-processed', 'Data-raw', 'notebooks', '.gitignore', 'CONTRIBUTING.md', 'LICENSE', 'OUTLINE', and 'TIMELINE'. The 'models' folder is currently selected. The main editor window shows the code for 'app.py', which includes imports for Flask, numpy, pandas, disease_dic, fertilizer_dic, requests, config, pickle, io, torch, torchvision, PIL, and ResNet9. The code also includes comments for loading trained models and a section for loading the plant disease classification model. The bottom status bar shows the current line and column (Ln 1, Col 1), spaces (4), encoding (UTF-8), line feed (LF), Python interpreter, and window state (Win32). The system tray at the bottom indicates the date and time as 11/16/2022, 11:28 PM.

```
1 # Importing essential libraries and modules
2
3 from flask import Flask, render_template, request, Markup
4 import numpy as np
5 import pandas as pd
6 from utils.disease import disease_dic
7 from utils.fertilizer import fertilizer_dic
8 import requests
9 import config
10 import pickle
11 import io
12 import torch
13 from torchvision import transforms
14 from PIL import Image
15 from utils.model import ResNet9
16 # =====
17
18 # -----LOADING THE TRAINED MODELS -----
19
20 # Loading plant disease classification model
21
```