

# Project Structure

Date	16 November 2022
Team id	PNT2022TMID15699
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 'app.py', 'config.py', 'model.py', 'disease.py', 'fertilizer.py', 'RandomForest.pkl', 'requirements.txt', 'Runtime.txt', 'Data-processed', 'Data-raw', 'notebooks', '.gitignore', 'CONTRIBUTING.md', and 'LICENSE'. The 'models' folder is currently selected. The main editor window shows the code for 'app.py', which includes imports for Flask, numpy, pandas, requests, config, pickle, io, torch, torchvision, PIL, and ResNet9. The code also features a section for loading trained models, specifically for plant disease classification. The bottom status bar indicates the current line and column (Ln 1, Col 1), the number of spaces (4), the encoding (UTF-8), the line feed (LF), the Python interpreter (Python), and the window title (Win32). The system tray at the bottom shows the temperature (26°C), the time (11:28 PM), and the date (11/16/2022).

```
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 # -----LOADING THE TRAINED MODELS -----
18
19 # Loading plant disease classification model
20
21
```