

Project Structure

Date	17 November 2022
Team id	PNT2022TMID01288
Project name	Fertilizer recommendation system for disease prediction
Maximum marks	4 marks

The screenshot displays a Visual Studio Code editor window with a project named 'Ibm Gokul'. The file explorer on the left shows a directory structure for a Flask application, including static files, templates, uploads, and two trained models: 'vegetable.h5' and 'fruit.h5'. The main editor window shows the code for 'app.py', which imports TensorFlow, Flask, and Werkzeug, loads the models, and defines a simple web route. The bottom panel shows the terminal output, indicating the application is running on http://127.0.0.1:5000/ and providing warnings about the development server.

```
7 import tensorflow as tf
8 from flask import Flask, request, render_template, redirect, url_for
9 import os
10 from werkzeug.utils import secure_filename
11 from tensorflow.python.keras.backend import set_session
12
13 app = Flask(__name__)
14
15 #load both the vegetable and fruit models
16 model = load_model("vegetable.h5")
17 model1=load_model("fruit.h5")
18
19 #home page
20 @app.route('/')

```

Run: app

2022-11-18 00:56:46.083711: I tensorflow/compiler/jit/xla_gpu_device.cc:99] Not creating XLA devices, tf_xla_enable_xla_devices not set

- * Running on <http://127.0.0.1:5000/> (Press CTRL+C to quit)
- * Serving Flask app 'app' (lazy loading)
- * Environment: production
- WARNING: This is a development server. Do not use it in a production deployment.
- Use a production WSGI server instead.
- * Debug mode: off