

Project Structure

Date	16 November 2022
Team id	PNT2022TMID13973
Project name	Fertilizer recommendationsystem for disease prediction
Maximum marks	4 marks

The image shows a VS Code editor with three files open: `normalize.css`, `app.py`, and `index.html`.

normalize.css (lines 1-49):

```

1  /*! normalize.css v8.0.1 | MIT license | github.com/necolas/normalize.css
2
3  /* Document
4  =====
5
6  /**
7   * 1. Correct the line height in all browsers.
8   * 2. Prevent adjustments of font size after orientation changes in iOS.
9   */
10 article, aside, details, figcaption, figure, footer, header, h1, h2, h3, h4, h5, h6,
11   box-sizing: content-box; box-sizing: content-box; height: 0;
12   0.75em; } legend [border: 0; padding: 0; ] button, input, select,
13   box; -webkit-box-sizing: content-box; box-sizing: content-box;
14
15 html {
16   line-height: 1.15; /* 1 */
17   -webkit-text-size-adjust: 100%; /* 2 */
18 }
19
20 /* Sections
21 =====
22
23 /**
24  * Remove the margin in all browsers.
25  */
26 body {
27   margin: 0;
28 }
29
30 /**
31  * Render the 'main' element consistently in IE.
32  */
33 main {
34   display: block;
35 }
36
37 /**
38  * Correct the font size and margin on 'h1' elements in Chrome, Firefox, and Safari.
39  */
40

```

app.py (lines 1-49):

```

1  import os
2  import urllib
3  import uuid
4
5  import flask
6  from flask import Flask, render_template, request, send_from_directory
7  from PIL import Image
8  from tensorflow.keras.models import load_model
9  from tensorflow.keras.preprocessing.image import img_to_array, load_img
10
11 # create a flask object
12 app = Flask(__name__)
13
14 # load the model
15 BASE_DIR = os.path.dirname(os.path.abspath(__file__))
16 model = load_model(os.path.join(BASE_DIR, 'model.hdf5'))
17
18 # create file extension test function
19 ALLOWED_EXT = set(['jpg', 'jpeg', 'png', 'gif'])
20
21 def allowed_file(filename):
22     '''
23     check the file fits the allowed extensions.
24     '''
25     return '.' in filename and \
26         filename.rsplit('.', 1)[1] in ALLOWED_EXT
27
28
29
30
31
32
33
34 -----X-----
35
36
37
38
39
40
41
42 classes = ['Marssonina leaf spot', '1', '3', '4', '5',
43

```

index.html (lines 1-49):

```

1  <!DOCTYPE html>
2  <html lang="eng">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, height=device-height">
7      <!-- <link rel="stylesheet" href="static/css/normalize.css" -->
8      <!-- <link rel="stylesheet" href="static/css/grid.css" -->
9      <link rel="stylesheet" href="static/css/style.css" -->
10
11 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
12 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
13 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js">
14 <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=block" rel="stylesheet" type="text/css">
15 <title>Image Classification WebApp</title>
16 <meta name="keywords" content="custom file input, submit button, image upload, image classification" -->
17
18 <style>
19     .content {
20         max-width: 500px;
21         margin: auto;
22     }
23
24     body {
25         width: 100%;
26         height: 100vh;
27         background-image: linear-gradient(to top right, #000 49%, #fff 49%, #fff 51%, #000 51%, #000 53%);
28         background-size: cover;
29         overflow: hidden;
30         background-position: center;
31         background-repeat: no-repeat;
32     }
33
34 </style>
35
36 </head>
37
38 <body>
39     <div class="">
40         <div class="container">
41             <div class="">
42                 <div class="index-main">
43

```