Development Phase

Delivery of Sprint 1

Date	11 November 2022
Team ID	PNT2022TMID36413
Project Name	AI-powered Nutrition Analyser for Fitness Enthusiasts 65 GP

Building web frameworks, local deployment and test local deployment:

app.py

```
app.py
     bimport requests
       from flask import Flask, render_template, request
      import numpy as np
      from tensorflow.keras.models import load_model
       from tensorflow.keras.preprocessing import image
      import os
      app = Flask(__name__)
      model = load_model('nutrition.h5')
      @app.route('/')
      @app.route('/home.html')
      def home():
           return render_template('home.html')
      @app.route('/about-us.html')
      def about():
           return render_template('about-us.html')
```

```
print(x)

print(result)
print(result)
print(result)
print(result)

return render_template('result.html', result=result, x=x)

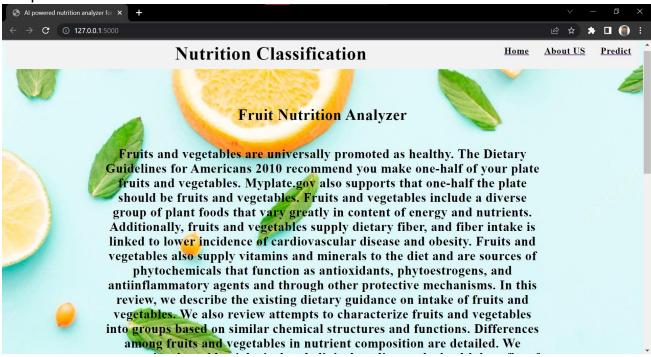
else:
    return render_template('classify.html')

def nutrition(index):
    url = "https://calorieninjas.p.rapidapi.com/v1/nutrition"
querystring = {"query": index}
headers = {
    'x-rapidapi-key': "5d797ab107mshe668f26bd044e64p1ffd34jsnf47bfa9a8ee4",
    'x-rapidapi-host': "calorieninjas.p.rapidapi.com"
}

response = requests.request("GET", url, headers=headers, params=querystring)
# print(response.text)
res = response.json()['items'][0]
return res

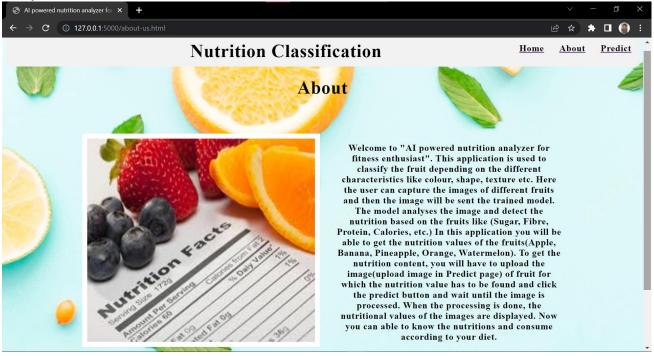
if __name__ == '__main__':
    app.run()
```

Home.html



About.html

```
C:\Users\Admin\PycharmProjects\Nutrition_Analyzer\templates\about-us.html siast</title>
    k rel="stylesheet" href="/static/css/style.css">
<body >
<div class="top-menus">
    <h1>Nutrition Classification</h1>
    <a href="home.html">Home</a>
    <a href="#">About </a>
    <a href="classify.html">Predict</a>
</div><br>
<h1>About</h1>
<div id="about" class="container">
    <div class="content">
        <img src="static/images/img.png" alt="bg-img">
    </div>
    <div class="content">
         Welcome to "AI powered nutrition analyzer for fitness enthusiast". This application
           the image is processed. When the processing is done, the nutritional values of the images are displ
</div>
</body>
```



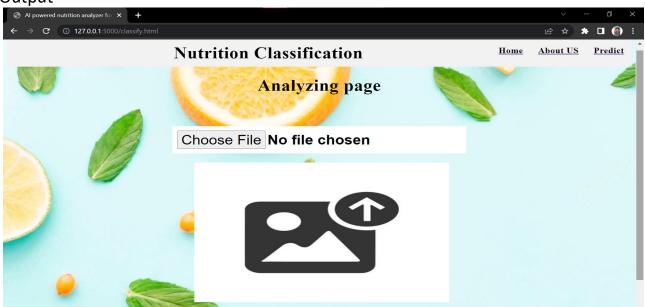
Classify.html

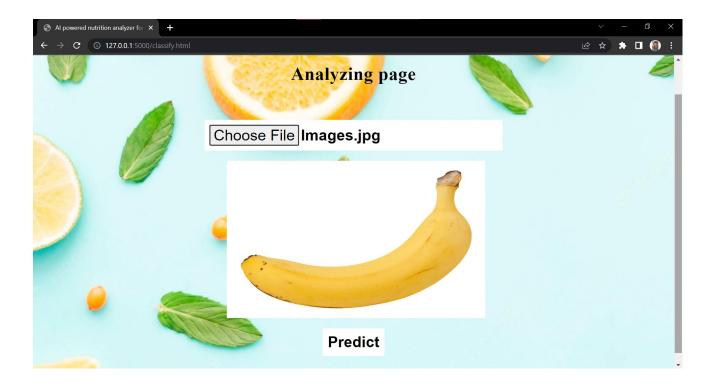
```
deasify.html>
chaml>
chaml>
chaml>
chaml>
chaml>
chaml>
cink rel="stylesheet" href="/static/css/style.css"

chaml>
chaml="home.html">chaml">chaml">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">chaml="home.html">cha
```

```
const chooseFile = document.getElementById("file");
const imgPreview = document.getElementById("img");
file.addEventListener("change", function () {
    getImgData();
});
function getImgData() {
    const files = chooseFile.files[0];
    if (files) {
        const fileReader = new FileReader();
        fileReader.readAsDataURL(files);
        fileReader.addEventListener("load", function () {
            console.log(imgPreview.src);
            imgPreview.src = this.result;
        });
}

// Script>
// Scri
```





Result.html

