Routing To The Html Page

Date	8 November 2022
Team Id	PNT2022TMID50029
Project Name	AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS
Maximum Marks	4 MARKS

Here, the declared constructor is used to route to the HTML page created earlier.

In the above example, the '/' URL is bound with the home.html function. Hence, when the home page of the webserver is opened in the browser, the HTML page is rendered. Whenever you enter the values from the HTML page the values can be retrieved using the POST Method.

Here, "home.html" is rendered when the home button is clicked on the UI

```python
@app.route('/')# route to display the home page
def home():
    return render_template('home.html')#rendering the home page

@app.route('/image1',methods=['GET','POST'])# routes to the index html
def image1():
    return render_template("image.html")
```

When "image is uploaded "on the UI, the launch function is executed

```python
@app.route('/predict',methods=['GET', 'POST'])# route to show the predictions in a web UI
def launch():
```

It will take the image request and we will be storing that image in our local system then we will convert the image into our required size and finally, we will be predicting the results with the help of our model which we trained and depending upon the class identified we will showcase the class name and its properties by rendering the respective html pages.

```python
@app.route('/predict',methods=['GET', 'POST'])# route to show the predictions in a web UI
def launch():
    if request.method=='POST':
        f=request.files['file'] #requesting the file
        basepath=os.path.dirname('__file__')#storing the file directory
        filepath=os.path.join(basepath,"uploads",f.filename)#storing the file in uploads folder
        f.save(filepath)#saving the file

        img=image.load_img(filepath,target_size=(64,64)) #load and reshaping the image
        x=image.img_to_array(img)#converting image to an array
        x=np.expand_dims(x,axis=0)#changing the dimensions of the image

        pred=np.argmax(model.predict(x), axis=1)
        print("prediction",pred)#printing the prediction
        index=['APPLES','BANANA','ORANGE','PINEAPPLE','WATERMELON']

        result=str(index[pred[0]])

        x=result
        print(x)
        result=nutrition(result)
        print(result)

        return render_template("0.html",showcase=(result),showcase1=(x))
```

API Integration:

Here we will be using Rapid API

Using RapidAPI, developers can search and test the APIs, subscribe, and connect to the APIs — all with a single account,

single API key and single SDK. Engineering teams also use RapidAPI to share internal APIs and microservice documentation.

Reference link

API used: Link

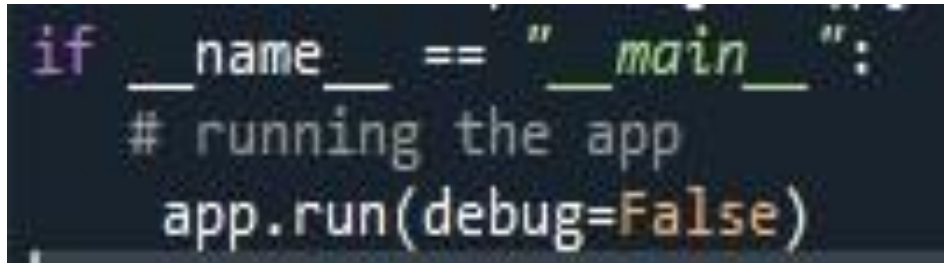The link above will allow us to test the food item and will result the nutrition content present in the food item. NOTE: When we keep hitting the API the limit of it might expire. So making a smart use of it will be an efficient way.

How to access and use the API will be shown in this video

```python
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)
    return response.json()['items']
```

Finally, Run the application

This is used to run the application in a localhost. The local host runs on port number 5000.

```python
if __name__ == "__main__":
    # running the app
    app.run(debug=False)
```

Main.css

```css
.img-preview {
    width: 256px;
    height: 256px;
    position: relative;
    border: 5px solid #F8F8F8;
    box-shadow: 0px 2px 4px 0px rgba(0, 0, 0, 0.1);
    margin-top: 1em;
    margin-bottom: 1em;
}

.img-preview>div {
    width: 100%;
    height: 100%;
    background-size: 256px 256px;
    background-repeat: no-repeat;
    background-position: center;
}

input[type="file"] {
    display: none;
```

```css
}

.upload-label{
    display: inline-block;
    padding: 12px 30px;
    background: black;
    color: white;
    font-size: 1em;
    transition: all .4s;
    cursor: pointer;
}

.upload-label:hover{
    background: #34495E;
    color: #39D2B4;
}

.loader {
    border: 8px solid #f3f3f3;
    border-top: 8px solid #3498db;
    border-radius: 50%;
    width: 50px;
    height: 50px;
    animation: spin 1s linear infinite;
}

@keyframes spin {
    0% { transform: rotate(0deg); }
    100% { transform: rotate(360deg); }
}
```

Main.js

```javascript
$(document).ready(function () {

  $('.image-section').hide();
  $('.loader').hide();
  $('#result').hide();



  function readURL(input) {
    if (input.files && input.files[0]) {
      var reader = new FileReader();
      reader.onload = function (e) {
        $('#imagePreview').css('background-image', 'url(' +
e.target.result + ')');
        $('#imagePreview').hide();
        $('#imagePreview').fadeIn(650);
      }
      reader.readAsDataURL(input.files[0]);
    }
  }
  $("#imageUpload").change(function () {
    $('.image-section').show();
    $('#btn-predict').show();
    $('#result').text('');
    $('#result').hide();
    readURL(this);
  });
```

```javascript
$('#btn-predict').click(function () {
    var form_data = new FormData($('#upload-file')[0]);


    $(this).hide();
    $('.loader').show();


    $.ajax({
        type: 'POST',
        url: '/predict',
        data: form_data,
        contentType: false,
        cache: false,
        processData: false,
        async: true,
        success: function (data) {

            $('.loader').hide();
            $('#result').fadeIn(600);
            $('#result').html(data);
            console.log('Success!');
        },
    });
});

});
```

Home.html

```html
<!DOCTYPE
html>
    <html>
    <head>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <meta http-equiv="X-UA-Compatible" content="ie=edge">
      <title>HOME</title>
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
      <link href="https://cdn.bootcss.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet">
      <script src="https://cdn.bootcss.com/popper.js/1.12.9/umd/popper.min.js"></script>
      <script src="https://cdn.bootcss.com/jquery/3.3.1/jquery.min.js"></script>
      <script src="https://cdn.bootcss.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
      <link href="{{ url_for('static', filename='css/main.css') }}" rel="stylesheet">
<style>
.card1 {
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
  max-width: 300px;
  margin: auto;
  text-align: center;
  font-family: arial;
}


.title {
  color: grey;
  font-size: 18px;
}


button {
  border: none;
  outline: 0;
  display: inline-block;
  padding: 8px;
  color: white;
  background-color: #000;
  text-align: center;
  cursor: pointer;
  width: 100%;
  font-size: 18px;
}
```

```css
a {
  text-decoration: none;
  font-size: 22px;
  color: black;
}



button:hover, a:hover {
  opacity: 0.7;
}
.navbarScroll.navbarDark {
    background-color: black;
}
body
{
    background-image: url("https://www.livingproofnyc.com/wp-
content/themes/livingproof/assets/img/hero-background.jpg");
    background-size: cover;
}
.bar
{
margin: 0px;
padding:30px;
background-color:black;
opacity:0.6;
color:red;
font-family:'Roboto',sans-serif;
font-style: italic;
border-radius:30px;
font-size:10px;
}
```

```css
.header {      position: relative;
                  top:0;
                  margin:0px;
                  z-index: 1;
```

```css
                        left: 0px;
                        right: 0px;
                        position: fixed;
                        background-color: violet ;
                        color: white;
                        box-shadow: 0px 8px 4px grey;
                        overflow: hidden;
                        padding-left:10px;
                        font-family: 'Josefin Sans'
                        font-size: 1.5vw;
                        width: 100%;
                        height:10%;


            }
                .topnav {
  overflow: hidden;
  background-color: #FCAD98;
}


.topnav-right a {
  float: left;
  color: black;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
  font-size: 18px;
}


.topnav-right a:hover {
  background-color: #FFDC00;
  color: black;
}


.topnav-right a.active {
  background-color: #FFDC00;
  color: black;
}


.topnav-right {
  float: right;
  padding-right:100px;
}
```

```css
.navbarScroll.navbarDark {
    background-color: black;
}


.ct-socials {
    position: fixed;
    top: 25%;
    right: 0;


background-color: blue;
    padding-left: 20;



    margin: 50;


        padding: 10px;
  font-size: 10px;
  width: 40px;
  text-align: center;






  border: 80px;


}
```

```css
.section.triad-section {
  margin-top: 10px;
}
section.section h2 {
    font-size: 20px;
    line-height: 46px;
    margin-bottom: 20px;
    text-align: center;
    margin-top: 0;
}
h2 {
    color: #000;
}
h1, h2, h3, h4, h5, h6 {
    font-weight: 200;
    letter-spacing: -1px;
        font-size: 30px;


}
section.section p.sub-heading {
    font-size: 16px;
    font-family: "Gotham SSm A", "Gotham SSm B";
    font-weight: 300;
    text-align: center;
    margin-bottom: 40px;
}
section.triad-section .triad-sub-section {
    padding-right: 60px;
}
section p.detail-paragraph:first-child {
    margin-top: 0;
}
section p.detail-paragraph {
    font-family: 'Open Sans Condensed', sans-serif;
    margin-top: 40px;
    font-size: 18px;
    color: #000;
}
b, strong {
    font-weight: 700;
}
.bgimage {
    height:100vh;
```

```css
        background: url('images/heroImage.jpg');
        background-size:cover;
        position:relative;
    }


.hero_title {
        font-size: 4.5rem;
}
.hero_desc {
        font-size: 2rem;
}
.hero-text {
        text-align: center;
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%);
        color: white;
}


.imageAboutPage {
        width: 100%;
}


#services .services {
            flex-direction: column;
            text-align: center;
            max-width: 1500px;
            margin: 0 auto;
            padding: 100px 0;
}
#services .service-top {
            max-width: 500px;
            margin: 0 auto;
```

```css
        }
#services .service-bottom {
        display: flex;
        align-items: center;
        justify-content: center;
        flex-wrap: wrap;
        color: red;
        margin-top: 50px;
}
#services .service-item {
        flex-basis: 80%;
        display: flex;
        align-items: flex-start;
        justify-content: center;
        flex-direction: column;
        color: red;
        padding: 30px;
        border-radius: 10px;
        background-image: url(./img/img-1.png);
        background-size: cover;
        margin: 10px 5%;
        position: relative;
        z-index: 1;
        overflow: hidden;
}
#services .service-item::after {
        content: '';
        position: absolute;
        left: 0;
        top: 0;
        height: 100%;
        width: 100%;
        background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
        opacity: 0.9;
        z-index: -1;
}
#services .service-bottom .icon {
        height: 80px;
        width: 80px;
        margin-bottom: 20px;
}
#services .service-item h2 {
        font-size: 2rem;
        color: red;
        margin-bottom: 10px;
        text-transform: uppercase;
        text-align: left;
```

```css
}
#services .service-item p {
        color: white;
        text-align: left;
}


#services .service-item a {
        color: white;
        text-align: center;
}


.section-title {
        font-size: 4rem;
        font-weight: 300;
        color: black;
        margin-bottom: 10px;
        text-transform: uppercase;
        letter-spacing: 0.2rem;
        text-align: center;
}
.section-title span {
        color: crimson;
}




.cta:hover {
        color: white;
        background-color: crimson;
}
.brand h1 {
        font-size: 3rem;
        text-transform: uppercase;
        color: white;
}
.brand h1 span {
        color: crimson;
}
.brand a {
        font-size: 3rem;
        text-transform: uppercase;
        color: Tomato;
```

```css
}
.brand a span {
        color: crimson;
}
.brand  p{



        text-transform: uppercase;
        color: Tomato;
                font-size: 4rem;
        font-weight: 300;



        margin-bottom: 10px;
        text-transform: uppercase;
        letter-spacing: 0.2rem;
        text-align: center;



}




.brand p span {
        color: crimson;
}
#logo {
float: right;
}


.face{
        position: relative;
        width: 250px;
        height: 250px;
        border-radius: 50%;
        background: #ffcd00;
        display: flex;
        justify-content: center;
        justify-items: center;
        align-items: center;
}
.face::before
{
```

```css
    content: '';
    position: absolute;
    top: 150px;
    width: 150px;
    height: 70px;
    background: #b57700;
    border-bottom-left-radius: 70px;
    border-bottom-right-radius: 70px;
    transition: 0.5s;
}
.face::hover::before
{
    top: 210px;
    width: 150px;
    height: 20px;
    background: #b57700;
    border-bottom-left-radius: 0px;
    border-bottom-right-radius: 0px;
}
.eyes
{
        position: relative;
        top: -40px;
        display: flex;
}
.eyes .eye
{
        position: relative;
        width: 80px;
        height: 80px;
        display: block;
        background: #fff;
        margin: 0 15px;
        border-radius: 50%;
}
.eyes .eye::before
{
        content: '';
        position: absolute;
        top: 50%;
        left: 25px;
        transform: translate(-50%,-50%);
        width: 40px;
        height: 40px;
        background: #333;
        border-radius: 50%;
}
```

```css
#header {
        position: fixed;
        z-index: 1000;
        left: 0;
        top: 0;
        width: 100vw;
        height: auto;
}
#header .header {
        min-height: 8vh;
        background-color: rgba(31, 30, 30, 0.24);
        transition: 0.3s ease background-color;
}
#header .nav-bar {
        display: flex;
        align-items: center;
        justify-content: space-between;
        width: 100%;
        height: 100%;
        max-width: 1300px;
        padding: 0 10px;
}
#header .nav-list ul {
        list-style: none;
        position: absolute;
        background-color: rgb(31, 30, 30);
        width: 100vw;
        height: 100vh;
        left: 100%;
        top: 0;
        display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;
        z-index: 1;
        overflow-x: hidden;
        transition: 0.5s ease left;
}
#header .nav-list ul.active {
        left: 0%;
}
#header .nav-list ul a {
        font-size: 2.5rem;
```

```css
        font-weight: 500;
        letter-spacing: 0.2rem;
        text-decoration: none;
        color: white;
        text-transform: uppercase;
        padding: 20px;
        display: block;
}
#header .nav-list ul a::after {
        content: attr(data-after);
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%) scale(0);
        color: rgba(240, 248, 255, 0.021);
        font-size: 13rem;
        letter-spacing: 50px;
        z-index: -1;
        transition: 0.3s ease letter-spacing;
}
#header .nav-list ul li:hover a::after {
        transform: translate(-50%, -50%) scale(1);
        letter-spacing: initial;
}
#header .nav-list ul li:hover a {
        color: crimson;
}
#header .hamburger {
        height: 60px;
        width: 60px;
        display: inline-block;
        border: 3px solid white;
        border-radius: 50%;
        position: relative;
        display: flex;
        align-items: center;
        justify-content: center;
        z-index: 100;
        cursor: pointer;
        transform: scale(0.8);
        margin-right: 20px;
}
#header .hamburger:after {
        position: absolute;
        content: '';
        height: 100%;
        width: 100%;
```

```css
        border-radius: 50%;
        border: 3px solid white;
        animation: hamburger_puls 1s ease infinite;
}
#header .hamburger .bar {
        height: 2px;
        width: 30px;
        position: relative;
        background-color: white;
        z-index: -1;
}
#header .hamburger .bar::after,
#header .hamburger .bar::before {
        content: '';
        position: absolute;
        height: 100%;
        width: 100%;
        left: 0;
        background-color: white;
        transition: 0.3s ease;
        transition-property: top, bottom;
}
#header .hamburger .bar::after {
        top: 8px;
}
#header .hamburger .bar::before {
        bottom: 8px;
}
#header .hamburger.active .bar::before {
        bottom: 0;
}
#header .hamburger.active .bar::after {
        top: 0;
}


#hero {
        background-image: url('logo.png');
  background-repeat: no-repeat;
  background-attachment: fixed;
  background-position: 90% 40%;
        position: relative;
        z-index: 1;
}
#hero::after {
        content: '';
        position: absolute;
```

```css
        left: 0;
        top: 0;
        height: 100%;
        width: 100%;
        background-color: black;
        opacity: 0.7;
        z-index: -1;
}
#hero .hero {
        max-width: 1200px;
        margin: 0 auto;
        padding: 0 50px;
        justify-content: flex-start;
}
#hero h1 {
        display: block;
        width: fit-content;
        font-size: 4rem;
        position: relative;
        color: transparent;
        animation: text_reveal 0.5s ease forwards;
        animation-delay: 1s;
}
#hero h1:nth-child(1) {
        animation-delay: 1s;
}
#hero h1:nth-child(2) {
        animation-delay: 2s;
}
#hero h1:nth-child(3) {
        animation: text_reveal_name 0.5s ease forwards;
        animation-delay: 3s;
}
#hero h1 span {
        position: absolute;
        top: 0;
        left: 0;
        height: 100%;
        width: 0;
        background-color: crimson;
        animation: text_reveal_box 1s ease;
        animation-delay: 0.5s;
}
#hero h1:nth-child(1) span {
        animation-delay: 0.5s;
}
#hero h1:nth-child(2) span {
```

```css
        animation-delay: 1.5s;
}
#hero h1:nth-child(3) span {
        animation-delay: 2.5s;
}
#hero h2 {
        display: block;
        width: fit-content;
        font-size: 4rem;
        text-align: top;
        position: relative;
        color: orange;
        background-color:Tomato
        animation: text_reveal 0.5s ease forwards;
        animation-delay: 1s;
}


#services .services {
        flex-direction: column;
        text-align: center;
        max-width: 1500px;
        margin: 0 auto;
        padding: 100px 0;
}
#services .service-top {
        max-width: 500px;
        margin: 0 auto;
}
#services .service-bottom {
        display: flex;
        align-items: center;
        justify-content: center;
        flex-wrap: wrap;
        color: red;
        margin-top: 50px;
}
#services .service-item {
        flex-basis: 80%;
        display: flex;
        align-items: flex-start;
        justify-content: center;
        flex-direction: column;
        color: red;
        padding: 30px;
        border-radius: 10px;
        background-image: url(./img/img-1.png);
```

```css
        background-size: cover;
        margin: 10px 5%;
        position: relative;
        z-index: 1;
        overflow: hidden;
}
#services .service-item::after {
        content: '';
        position: absolute;
        left: 0;
        top: 0;
        height: 100%;
        width: 100%;
        background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
        opacity: 0.9;
        z-index: -1;
}
#services .service-bottom .icon {
        height: 80px;
        width: 80px;
        margin-bottom: 20px;
}
#services .service-item h2 {
        font-size: 2rem;
        color: black;
        margin-bottom: 10px;
        text-transform: uppercase;
        text-align: left;
}
#services .service-item p {
        color: white;
        text-align: left;
}


#services .service-item a {
        color: white;
        text-align: center;
}




#footer {
        background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
}
#footer .footer {
```

```css
        min-height: 200px;
        flex-direction: column;
        padding-top: 50px;
        padding-bottom: 10px;
}
#footer h2 {
        color: white;
        font-weight: 500;
        font-size: 1.8rem;
        letter-spacing: 0.1rem;
        margin-top: 10px;
        margin-bottom: 10px;
}
#footer .social-icon {
        display: flex;
        margin-bottom: 30px;
}
#footer .social-item {
        height: 50px;
        width: 50px;
        margin: 0 5px;
}
#footer .social-item img {
        filter: grayscale(1);
        transition: 0.3s ease filter;
}
#footer .social-item:hover img {
        filter: grayscale(0);
}
#footer p {
        color: white;
        font-size: 1.3rem;
}


@keyframes hamburger_puls {
        0% {
                opacity: 1;
                transform: scale(1);
        }
        100% {
                opacity: 0;
                transform: scale(1.4);
        }
}
@keyframes text_reveal_box {
        50% {
```

```css
                        width: 100%;
                        left: 0;
                }
                100% {
                        width: 0;
                        left: 100%;
                }
        }
}
@keyframes text_reveal {
        100% {
                color: white;
        }
}
@keyframes text_reveal_name {
        100% {
                color: crimson;
                font-weight: 500;
        }
}


@media only screen and (min-width: 768px) {
        .cta {
                font-size: 2.5rem;
                padding: 20px 60px;
        }
        h1.section-title {
                font-size: 6rem;
        }




        #hero h1 {
                font-size: 7rem;
        }


        #services .service-bottom .service-item {
                flex-basis: 45%;
                margin: 2.5%;
        }
```

```css
}




@media only screen and (min-width: 1200px) {


        #header .hamburger {
                display: none;
        }
        #header .nav-list ul {
                position: initial;
                display: block;
                height: auto;
                width: fit-content;
                background-color: transparent;
        }
        #header .nav-list ul li {
                display: inline-block;
        }
        #header .nav-list ul li a {
                font-size: 1.8rem;
        }
        #header .nav-list ul a:after {
                display: none;
        }




        #services .service-bottom .service-item {
                flex-basis: 22%;
                margin: 1.5%;
        }
}
</style>
</head>
<body>


<!--Brian Tracy-->
```

```html
<div class="header">
<div style="width:50%;float:left;font-size:1.5vw;text-align:left;color:black; padding-
top:1%;padding-left:5%;">AI-POWERED NUTRITION ANALYSER FOR FITNESSS ENTHUSIASTS</div>
  <div class="topnav-right"style="padding-top:0.5%;">


    <a class="active" href="{{ url_for('home')}}"><b>HOME</b></a>
    <a   href="{{ url_for('image1')}}"><b>CLASSIFY</b></a>
  </div>
</div>
</div>
<br>
<br>
<img src="https://s3.amazonaws.com/zweb-s3.uploads/ez2/wp-content/uploads/2018/09/diet-
1900x850.jpg">




<section id="about">
        <div class="container mt-4 pt-4">
              <br><br><br><center>
            <h1 class="text-center"><center><b> FOOD IS ESSENTIAL</center></b></h1>
            <div class="row mt-4"><center>
               <div class="col-lg-6">
                    <img
src="https://th.bing.com/th/id/R.42f2c26f5e5c4df2b23eecf697dc2d07?rik=%2bK6QB5GTieMaoQ&r
iu=http%3a%2f%2fphysicalsolutionsli.com%2fwp-content%2fuploads%2f2020%2f02%2fheart-diet-
1024x680.jpg&ehk=t9sVShymgg0uHaz6wk7swKI5IEROZHDic%2fhlRuSm9Zk%3d&risl=&pid=ImgRaw&r=0"
class= "imageAboutPage"alt="">
               </div>


               <div class="col-lg-8">
                      <br>
```

Food is essential for human life and has been the concern of many healthcare
conventions.
Nowadays new dietary assessment and nutrition analysis tools enable more opportunities
to help people understand their daily eating habits, exploring nutrition patterns and
maintain a healthy diet.
Nutritional analysis is the process of determining the nutritional content of food.

It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food.

```
                        </div><center>
                </div>
        </section>
  <br>
                        <br>
                        <br><br>
<section id="about">
        <div class="container mt-4 pt-4">
                <br><br><br>
            <h1 class="text-center"><b>AI IN FOOD INDUSTRY</b></h1>
            <div class="row mt-4"><center>
                <div class="col-lg-6">
                    <img
src="https://th.bing.com/th/id/OIP.k4R4BdRL9Kgs11KwG6V82QHaE8?pid=ImgDet&rs=1" class=
"imageAboutPage" alt="" align="center">
                </div>


                <div class="col-lg-8">
                            <br>
```

The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.
Here the user can capture the images of different fruits and then the image will be sent the trained model.
The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).

```
                </div></center>
            </div>
        </section>
<br>
<br>
```

```
        <br>
        <br>
         <br>
                        <br>
                        <br><br>




        <br>
        <br>
        <br>
        <br>



        </div>






        </body>
        </html>
```

Image.html
         {% extends "imageprediction.html" %} {% block content %}

<div style="float:center">
**
**
**
**

**<h5>UPLOAD IMAGE</h5>

**

```html
<div>
  <form id="upload-file" method="post"
enctype="multipart/form-data">
    <label for="imageUpload" class="upload-label">
      SELECT
    </label>
    <input type="file" name="file" id="imageUpload"
accept=".png, .jpg, .jpeg, .webp">
  </form>

  <center> <div class="image-section" style="display:none;">
    <div class="img-preview">
      <div id="imagePreview">
      </div></center>
    </div>
    <center><div>
      <button type="button" class="btn btn-primary btn-lg "
id="btn-predict">ANALYZE</button>
    </center></div>
  </div>

  <div class="loader" style="display:none;margin-left:
450px;"></div>

  <h3 id="result">

    <span><p style="padding-top: 30px;"><h4>IMAGE
CLASSIFIED IS : <br><h4><b><u>{{showcase}}
{{showcase1}}</p> </span>
  </h3>

</div>
</div>
```

{% endblock %}

Image prediction.html

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>PREDICT</title>
  <link href="https://cdn.bootcss.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.bootcss.com/popper.js/1.12.9/umd/popper.min.js"></script>
  <script src="https://cdn.bootcss.com/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://cdn.bootcss.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
  <link href="{{ url_for('static', filename='css/main.css') }}" rel="stylesheet">
<style>
body
{
    background-size: cover;
}
```

```css
.bar
{
margin: 0px;
padding:30px;
background-color:black;
opacity:0.6;
color:red;
font-family:'Roboto',sans-serif;
font-style: italic;
border-radius:30px;
font-size:10px;
}




.header { position: relative;
          top:0;
          margin:0px;
          z-index: 1;
          left: 0px;
          right: 0px;
          position: fixed;
          background-color: violet ;
          color: white;
          box-shadow: 0px 8px 4px grey;
          overflow: hidden;
          padding-left:10px;
          font-family: 'Comic Sans Ms'
          font-size: 1.5vw;
          width: 100%;
          height:10%;
```

```css
    }
      .topnav {
  overflow: hidden;
  background-color: #FCAD98;
}

.topnav-right a {
  float: left;
  color: black;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
  font-size: 18px;
}

.topnav-right a:hover {
  background-color: #FFDC00;
  color: black;
}

.topnav-right a.active {
  background-color: #FFDC00;
  color: black;
}

.topnav-right {
  float: right;
  padding-right:100px;
}
```

```css
.navbarScroll.navbarDark {
    background-color: black;
}

.ct-socials {
    position: fixed;
    top: 25%;
    right: 0;

background-color: yellow;
    padding-left: 20;

    margin: 50;

padding: 10px;
  font-size: 10px;
  width: 40px;
  text-align: center;

  border: 80px;

}

.section.triad-section {
  margin-top: 10px;
}
section.section h2 {
    font-size: 20px;
```

```css
        line-height: 46px;
        margin-bottom: 20px;
        text-align: center;
        margin-top: 0;
}
h2 {
        color: #000;
}
h1, h2, h3, h4, h5, h6 {
        font-weight: 200;
        letter-spacing: -1px;
font-size: 30px;

}
section.section p.sub-heading {
        font-size: 16px;
        font-family: "Gotham SSm A", "Gotham SSm B";
        font-weight: 300;
        text-align: center;
        margin-bottom: 40px;
}
section.triad-section .triad-sub-section {
        padding-right: 60px;
}
section p.detail-paragraph:first-child {
        margin-top: 0;
}
section p.detail-paragraph {
        font-family: 'Open Sans Condensed', sans-serif;
        margin-top: 40px;
        font-size: 18px;
        color: #000;
}
b, strong {
```

```css
        font-weight: 700;
}
.bgimage {
    height:100vh;
    background: url('images/heroImage.jpg');
    background-size:cover;
    position:relative;
}

.hero_title {
    font-size: 4.5rem;
}
.hero_desc {
    font-size: 2rem;
}
.hero-text {
    text-align: center;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    color: white;
}


.imageAboutPage {
    width: 100%;
}


</style>
```

```html
</head>
<body>
<div class="header">
<div style="width:50%;float:left;font-size:1.5vw;text-align:left;color:black; padding-top:1%;padding-left:5%;">AI-POWERED NUTRITION ANALYSER FOR FITNESS ENTHUSIASTS</div>
  <div class="topnav-right"style="padding-top:0.5%;">


   <a href="{{ url_for('home')}}"><b>HOME</b></a>
   <a  class="active" href="{{ url_for('image1')}}"><b>CLASSIFY</b></a>
  </div>
</div>
<br>



</div>
<div class="container">
    <center>
<div id="content" style="margin-top:2em">{% block content %}{% endblock %}</div></center>
   </div>
</body>

<footer>
   <script src="{{ url_for('static', filename='js/main.js') }}" type="text/javascript"></script>
</footer>

</html>
```