AI Powered nutrition analyzer for fitness Enthusiasts

Sprint -3

Date	14.11.2022
Team ID	PNT2022TMIND37915
Project name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts

Home page

```html
<!DOCTYPE html>
<html>
<head>
  <a
href="file:///C:/Users/Admin/Desktop/ibm%20project/image.html">classify</a>
    <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
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
```

```css
{
    background-image: url('ibmm.jpg');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: 100% 100%;
}
.bar
{
margin: 0px;
padding:20px;
background-color:white;
opacity:0.6;
color:black;
font-family:'Roboto',sans-serif;
font-style: italic;
border-radius:20px;
font-size:25px;
}
h3
{
margin: 0px;
padding:20px;
background-color:#f2f7e9;
width: 800px;
opacity:0.6;
color:#000000;
font-family:'Roboto',sans-serif;
font-style: italic;
border-radius:20px;
font-size:25px;
}
a
{
color:grey;
float:right;
text-decoration:none;
font-style:normal;
padding-right:20px;
}
```

```css
a:hover{
background-color:black;
color:white;
border-radius:15px;0
font-size:30px;
padding-left:10px;
}
.div1{
  background-color: lightgrey;
  width: 500px;
  border: 10px solid peach;
  padding: 20px;
  margin: 20px;
  height: 500px;
}


.header { position: relative;
     top:0;
     margin:0px;
     z-index: 1;
     left: 0px;
     right: 0px;
     position: fixed;
     background-color: #58e1eb ;
     color: rgb(236, 226, 226);
     box-shadow: 0px 8px 4px rgb(179, 122, 169);
     overflow: hidden;
     padding-left:20px;
     font-family: 'Josefin Sans'
     font-size: 2vw;
     width: 100%;
     height:8%;
     text-align: center;
   }
   .topnav {
  overflow: hidden;
```

```css
    background-color: #FCAD98;
}

.topnav-right a {
  float: left;
  color: rgb(255, 255, 255);
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
  font-size: 22px;
}

.topnav-right a{
  background-color:#ebd0ea;
  color: black;
}

.topnav-right a.active {
  background-color: #ebd0ea;
  color: black;
}

.topnav-right {
  float: right;
  padding-right:100px;
}
</style>
</head>
<body>

<!--Brian Tracy-->

<div class="header">
<div style="width:50%;float:left;font-size:2vw;text-
align:left;color:black; padding-top:1%;padding-left:5%;">Nutrtion
Image Analysis</div>
  <div class="topnav-right"style="padding-top:0.5%;">

    <a class="active" href="{{ url_for('home')}}">Home</a>
```

```
     <a   href="{{ url_for('image1')}}">Classify</a>
   </div>
</div>
</div>
<br>
<br>
<br>
<br>
<br>
<br>
<br>
<br>
<h1>

<center>


<h3>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. It ensures compliance with trade and food laws.</h3>

</center>


</h1>
</body>
</html>
```

Image Page

```html
<div style="float:left">
<br>
<br>
<h5><font color="black" size="30" font-family="sans-serif"><b>Upload
image to classify</b></font></h5><br><br>
<style>
    body
    {
        background-image: url('bg2.jpg');
        background-repeat: no-repeat;
        background-attachment: fixed;
        background-size: 100% 100%;
    }
    .bar
</style>

<div>
    <form id="upload-file" method="post" enctype="multipart/form-
data">
        <label for="imageUpload" class="upload-label">
            Choose...
        </label>
        <input type="file" name="file" id="imageUpload" accept=".png,
.jpg, .jpeg">
    </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">Classify</button>
        </center></div>
    </div>

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

```
    <h3 id="result">


    </h3>

</div>
</div>
```

IMAGE PREDICTION

```
<!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"></scr
ipt>
    <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"></sc
ript>
    <link href="{{ url_for('static', filename='css/main.css') }}"
rel="stylesheet">

<style>
body
{
```

```css
    background-image:
url("https://i.pinimg.com/originals/be/21/1a/be211ad5043a8d05757a3538b
dd8f450.jpg");
    background-size: cover;
}
.bar
{
margin: 0px;
padding:20px;
background-color:white;
opacity:0.6;
color:black;
font-family:'Roboto',sans-serif;
font-style: italic;
border-radius:20px;
font-size:25px;
}
a
{
color:grey;
float:right;
text-decoration:none;
font-style:normal;
padding-right:20px;
}
a:hover{
background-color:black;
color:white;
border-radius:15px;0
font-size:30px;
padding-left:10px;
}
.div1{
  background-color: lightgrey;
  width: 500px;
  border: 10px solid peach;
  padding: 20px;
  margin: 20px;
  height: 500px;
```

```css
}




.header { position: relative;
    top:0;
    margin:0px;
    z-index: 1;
    left: 0px;
    right: 0px;
    position: fixed;
    background-color: #58e1eb ;
    color: white;
    box-shadow: 0px 8px 4px grey;
    overflow: hidden;
    padding-left:20px;
    font-family: 'Josefin Sans';
    font-size: 2vw;
    width: 100%;
    height:8%;
    text-align: center;
    }
    .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: {
  background-color: #ebd0ea;
```

```
    color: black;
}

.topnav-right a.active {
  background-color: #ebd0ea;
  color: black;
}

.topnav-right {
  float: right;
  padding-right:100px;
}
</style>
</head>
<body>
<div class="header">
<div style="width:50%;float:left;font-size:2vw;text-
align:left;color:black; padding-top:1%;padding-left:5%;">Nutrtion
Image Analysis</div>
  <div class="topnav-right"style="padding-top:0.5%;">

    <a href="{{ url_for('home')}}">Home</a>
    <a  class="active" href="{{ url_for('image1')}}">Classify</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>
```

0 page

```
<html lang="en" dir="ltr">
<head>
<style>

</style>
        <meta charset="utf-8">
        <title>Nutrition Image Analysis</title>
        <link rel="shortcut icon" href="{{ url_for('static',
filename='diabetes-favicon.ico') }}">
        <link rel="stylesheet" type="text/css" href="{{
url_for('static', filename='style.css') }}">
        <script src="https://kit.fontawesome.com/5f3f547070.js"
crossorigin="anonymous"></script>
        <link
href="https://fonts.googleapis.com/css2?family=Pacifico&display=swap"
rel="stylesheet">
    </head>

        <!-- Result -->
        <div class="results">
                <p style="padding-top: 150px; color:blue;"><h4
style="color:blue;">Food Classified is: <h4><b><h4
style="color:red;"><u>{{showcase1}}<h4><br><h4
style="color:red;"><u>{{showcase}}<h4></p>

        </div>
        <br>
        <br>

    </div>
    </body>
</html>
```