

project development phase

Sprint-3

Date	Nov 15 2022
Team id	PNT2022TMID32693
Project name	AI powered nutrition analyser for fitness enthusiasts

In sprint-3 we create html pages and create flask application to load our model

Codes

index.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>
  <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="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script src="{{ url_for('static', filename='js/main.js') }}"
type="text/javascript"></script>
  <link href="{{ url_for('static', filename='css/mystyle.css') }}"
rel="stylesheet">
  <style>
    body{
      background-image: url("{{ url_for('static',
filename='images/fruits0.jpg') }}");
    }
  </style>
</head>
<body>
  <div class="d-flex flex-column">
    <div>
      <nav class="navbar navbar-expand-sm bg-dark navbar-dark">
```

```

        <div class="container-fluid">
            <a class="navbar-brand" href="{{
url_for('home')}}">Nutrition Analyzer</a>
            <ul class="navbar-nav">
                <li class="nav-item">
                    <a class="nav-link" href="{{
url_for('home')}}">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link active" href="{{
url_for('index')}}">Classify</a>
                </li>
                <li class="nav-item">
                    <form method="get" action="{{
url_for('login')}}">
                        <button type="submit" class="btn btn-danger"
style="margin-left: 20px;">Logout</button>
                    </form>
                </li>
            </ul>
        </div>
    </nav>
</div>

<div id="rowclass">

    <div id="colleft">

        <div class="center">
            <div class="loader"></div>

            <div id="formdiv">
                <form id="imageForm" method="post"
enctype="multipart/form-data">
                    <label id="choose" class="bg-dark imageInputLabel"
for="imageInput">Choose</label>
                    <input style="display:none;" type="file" name="file"
id="imageInput" accept=".png, .jpg, .jpeg" onchange="showPreview(event);">
                </form>
                <div class="preview">
                    <img id="imageInput-preview">
                </div>
                <label class="btns" id="predict">Analyse</label>
            </div>

        </div>
    </div>

```

```

        </div>

        <div id="colright">
            <div id="result"></div>
        </div>
    </div>
</div>

<script>
    $('#predict').hide();
    function showPreview(event){
        if(event.target.files.length > 0){
            var src = URL.createObjectURL(event.target.files[0]);
            var preview = document.getElementById("imageInput-preview");
            $('#imageInput-preview').fadeIn(600);
            preview.src = src;
            preview.style.display = "block";
            $('#formdiv').addClass("form-input");
            $('#formdiv').addClass("bg-dark");
            $('#choose').removeClass("imageInputLabel");
            $('#choose').removeClass("bg-dark");
            $('#choose').addClass("btns");
            $('#choose').addClass("bg-warning");
            $('#colleft').addClass("back-fade");
            $('#predict').addClass("bg-warning");
            $('#predict').show();
        }
    }
</script>
</body>
</html>

```

Home.html

```

<!DOCTYPE html>
<html>

<head>
<title>Nutrition Analyzer</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta content="text/html; charset=iso-8859-2" http-equiv="Content-Type">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<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="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">

```

```

<script src="{{ url_for('static', filename='js/main.js') }}"
type="text/javascript"></script>
<link href="{{ url_for('static', filename='css/mystyle.css') }}"
rel="stylesheet">
<style>
.mySlides {display:none;}
</style>
</head>

<body>
    <div>
        <nav class="navbar navbar-expand-sm bg-dark navbar-dark">
            <div class="container-fluid">
                <ul class="navbar-nav">
                    <li class="nav-item"><a class="navbar-brand" href="{{
url_for('home')}}">Nutrition Analyzer | </a></li>
                    <li class="nav-item"><a class="navbar-brand">Welcome,
{{username}}</a></li>
                </ul>
                <ul class="navbar-nav">
                    <li class="nav-item">
                        <a class="nav-link active" href="{{
url_for('home')}}">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="{{
url_for('index')}}">Analyse</a>
                    </li>
                    <li class="nav-item">
                        <form method="get" action="{{ url_for('login')}}">
                            <button type="submit" class="btn btn-danger"
style="margin-left: 20px;">Logout</button>
                        </form>
                    </li>
                </ul>
            </div>
        </nav>
    </div>

    <div>
        <div class="mySlides">
            
            <div class="centertext1">Welcome to Nutrition
Analyzer</div>
            <a class="bg-dark gotoanalyse" href="{{
url_for('index')}}" style="text-decoration: none;"
onMouseOver="this.style.color='#fff'">Analyse</a>

```

```

        </div>

        <div class="mySlides">
            
            <div class="centertext2">Get to know the Nutrition!</div>
            <a class="bg-dark gotoanalyse" href="{{
url_for('index')}}" style="text-decoration: none;"
onMouseOver="this.style.color='#fff'">Analyse</a>
        </div>

        <div class="mySlides">
            
            <div class="centertext3">Eat Healthy!</div>
            <a class="bg-dark gotoanalyse" href="{{
url_for('index')}}" style="text-decoration: none;"
onMouseOver="this.style.color='#fff'">Analyse</a>
        </div>

        <div class="mySlides">
            
            <div class="centertext4">A basket of ripe fruit is holier
than any prayer book.</div>
            <a class="bg-dark gotoanalyse" href="{{
url_for('index')}}" style="text-decoration: none;"
onMouseOver="this.style.color='#fff'">Analyse</a>
        </div>

    </div>
</script>
var myIndex = 0;
carousel();

function carousel() {
    var i;
    var x = document.getElementsByClassName("mySlides");
    for (i = 0; i < x.length; i++) {
        x[i].style.display = "none";
    }
    myIndex++;
    if (myIndex > x.length) {myIndex = 1}
    x[myIndex-1].style.display = "block";
    setTimeout(carousel, 3000);
}
</script>

```

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

CSS file-mystyle.css

```
body {
  margin:0px;
  height: 100vh;
  overflow: hidden;
}

.center {
  height:700px;
  display: flex;
  justify-content: center;
  align-items: center;
}

.form-input {
  width:350px;
  border-radius: 20px;
  padding:20px;
}

.form-input img {
  width:100%;
  display:none;
  margin-bottom:30px;
  margin-top:30px;
}

.result{
  color: #000;
}

#colleft{
  margin-top: 0px;
  margin-right: 0px;
  padding-right: 0px;
}

#colright{
  margin-top: 0px;
  margin-left: 0px;
  padding-left: 0px;
}

#rowclass{
  margin-left: 0px;
  margin-right: 0px;
  margin-top: 0px;
}
```

```
margin-bottom: 0px;
padding: 0px;
height: 100%;
}

tr{
margin: 30px;
}

.mySlides{
height: 100%;
width: 100%;
}

.mySlides img{
height: 100%;
width: 100%;
}

.centertext1{
position: absolute;
top: 40%;
left: 17%;
font-size: 75px;
font-weight: 600;
color: rgb(255, 246, 246);
background-color: rgba(0, 0, 0, 0.344);
box-shadow: -10px -10px 20px rgba(0, 0, 0, 0.344),
            10px 10px 20px rgba(0, 0, 0, 0.344);
padding: 15px;
font-family: 'Times New Roman', Times, serif;
}

.centertext2{
position: absolute;
top: 40%;
left: 22%;
font-size: 75px;
font-weight: 600;
color: rgb(255, 246, 246);
background-color: rgba(0, 0, 0, 0.344);
box-shadow: -10px -10px 20px rgba(0, 0, 0, 0.344),
            10px 10px 20px rgba(0, 0, 0, 0.344);
padding: 15px;
font-family: 'Times New Roman', Times, serif;
}

.centertext3{
position: absolute;
top: 40%;
left: 35%;
```

```

font-size: 75px;
font-weight: 600;
color: rgb(255, 246, 246);
background-color: rgba(0, 0, 0, 0.344);
box-shadow: -10px -10px 20px rgba(0, 0, 0, 0.344),
            10px 10px 20px rgba(0, 0, 0, 0.344);
padding: 15px;
font-family: 'Times New Roman', Times, serif;
}

.centertext4{
position: absolute;
top: 40%;
left: 10%;
font-size: 55px;
font-weight: 600;
color: rgb(255, 246, 246);
background-color: rgba(0, 0, 0, 0.344);
box-shadow: -10px -10px 20px rgba(0, 0, 0, 0.344),
            10px 10px 20px rgba(0, 0, 0, 0.344);
padding: 15px;
font-family: 'Times New Roman', Times, serif;
}

.imageInputLabel{
height: 75px;
width: 175px;
color: #fff;
text-align:center;
font-family: 'Times New Roman', Times, serif;
font-weight:600;
cursor:pointer;
line-height:75px;
font-size:30px;
border-radius: 15px;
}

.btns {
display:block;
width:45%;
height:45px;
margin-left: 27%;
line-height:50px;
text-align:center;
color:#000;
font-size:15px;
font-family:"Open Sans",sans-serif;
text-transform:Uppercase;
font-weight:600;

```



```

border-radius:7px;
cursor:pointer;
}

#colright{
background-color: rgba(0, 0, 0, 0.344);
box-shadow: -10px -10px 20px rgba(0, 0, 0, 0.344),
            10px 10px 20px rgba(0, 0, 0, 0.344);
font-family: 'Times New Roman', Times, serif;
}

.back-fade{
background-color: rgba(0, 0, 0, 0.344);
box-shadow: -10px -10px 20px rgba(0, 0, 0, 0.344),
            10px 10px 20px rgba(0, 0, 0, 0.344);
font-family: 'Times New Roman', Times, serif;
}

#result-pred{
color: rgb(0, 0, 0);
text-align: center;
font-family: 'Times New Roman', Times, serif;
font-weight: 600;
margin-top: 5px;
margin-bottom: 10px;
}

.loader {
border: 32px solid #f3f3f3;
border-radius: 50%;
border-top: 32px solid #6F38C5;
border-right: 32px solid #FD841F;
border-bottom: 32px solid #FA7070;
border-left: 32px solid #31E1F7;
width: 240px;
height: 240px;
animation: spin 1s linear infinite;
}

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

.gotoanalyse{
position: absolute;
top: 63%;
left: 45%;

```

```
    height: 75px;
    width: 175px;
    color: #fff;
    text-align:center;
    font-family: 'Times New Roman', Times, serif;
    font-weight:600;
    cursor:pointer;
    line-height:75px;
    font-size:30px;
    border-radius: 15px;
}

.btn-login {
    background-color: #ffc107;
    color: rgb(0, 0, 0);
    font-size: 18px;
    font-weight: 400;
    border: none;
    cursor: pointer;
    height: 40px;
    width: 50%;
    border-radius: 20px;
    opacity: 0.9;
    margin-top: 15px;
    margin-left: 120px;
}

.btn-login:hover {
    background-color: #0dcaf0;
}

.logininputs{
    width: 100%;
    padding: 15px;
    border-radius: 30px;
    margin: 5px 0 22px 0;
    border: none;
    background: #f1f1f1;
}

.logininputs:focus{
    background-color: #ddd;
    outline: none;
}

.container-login {
    color: #f1f1f1;
    position: absolute;
```

```
    right: 0;
    top: 130px;
    margin: 50px;
    max-width: 500px;
    height: 400px;
    padding: 16px;
    background-color: #212529;
}

.bg-login{
    height: 100%;
    width: 100%;
}

.bg-login img{
    height: 100%;
    width: 100%;
}

.registerink{
    margin-left: 170px;
    font-size: 18px;
    font-weight: 400;
    cursor: pointer;
}

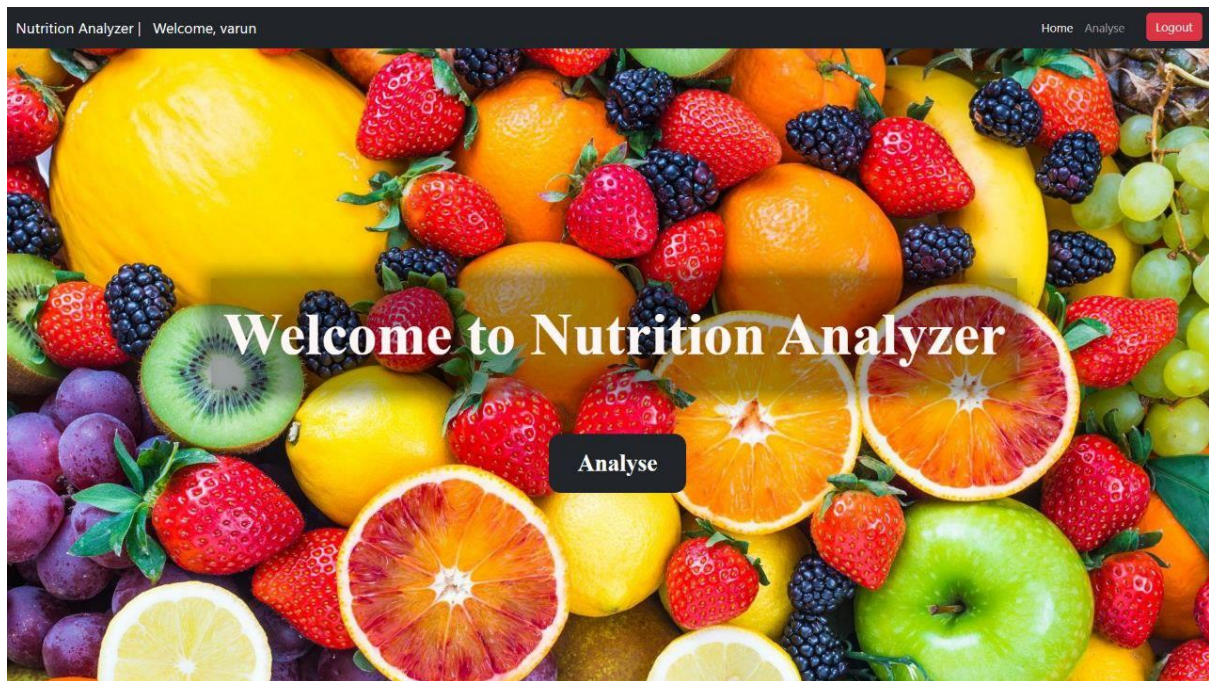
.container-register{
    color: #f1f1f1;
    position: absolute;
    left: 500px;
    top: 72px;
    width: 600px;
    height: 625px;
    padding: 16px;
    background-color: #212529;
}

.registerinputs{
    width: 100%;
    padding: 13px;
    border-radius: 30px;
    margin: 4px 0 4px 0;
    border: none;
    background: #f1f1f1;
}

#registerbtn{
    margin-left: 42%;
```

screenshots

home.html



Index.html

