SPRINT-1

Date	01 NOVEMBER 2022
Team ID	PNT2022TMID48373
Project Name	AI-Powered Nutrition Analyzer for fitness enthusiasts

DESIGNING THE GET STARTED PAGE

```
<!DOCTYPE html>
<html>
<head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title> Get start </title>
        <link href="https://cdn.jsdelivr.net/npm/remixicon@2.5.0/fonts/remixicon.css" rel="stylesheet">

        <link rel="stylesheet"
  href="https://unpkg.com/boxicons@latest/css/boxicons.min.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@500;600&display=swap" rel="stylesheet">

</head>
<style>


*{
        padding: 0;
        margin: 0;
        box-sizing: border-box;
        font-family: 'Poppins', sans-serif;
        text-decoration: none;
        list-style: none;
}
:root{
        --bg-color: #222327;
        --text-color: #fff;
        --main-color: #29fd53;
}
body{
```

```
        min-height: 100vh;
        background: var(--bg-color);
        color: var(--text-color);
        text-align:center;
}
header{
        position: fixed;
        width: 100%;
        top: 0;
        right: 0;
        z-index: 1000;
        display: flex;
        align-items: center;
        justify-content: space-between;
        background: transparent;
        padding: 28px 12%;
        transition: all .50s ease;
}
.logo{
        display: flex;
        align-items: center;
}
.logo i{
        color: var(--main-color);
        font-size: 28px;
        margin-right: 3px;
}
.logo span{
        color: var(--text-color);
        font-size: 1.7rem;
        font-weight: 600;
}
.navbar{
        display: flex;
}
.navbar a{
        color: var(--text-color);
        font-size: 1.1rem;
        font-weight: 500;
        padding: 5px 0;
        margin: 0px 30px;
        transition: all .50s ease;
}
.navbar a:hover{
        color: var(--main-color);
}
```

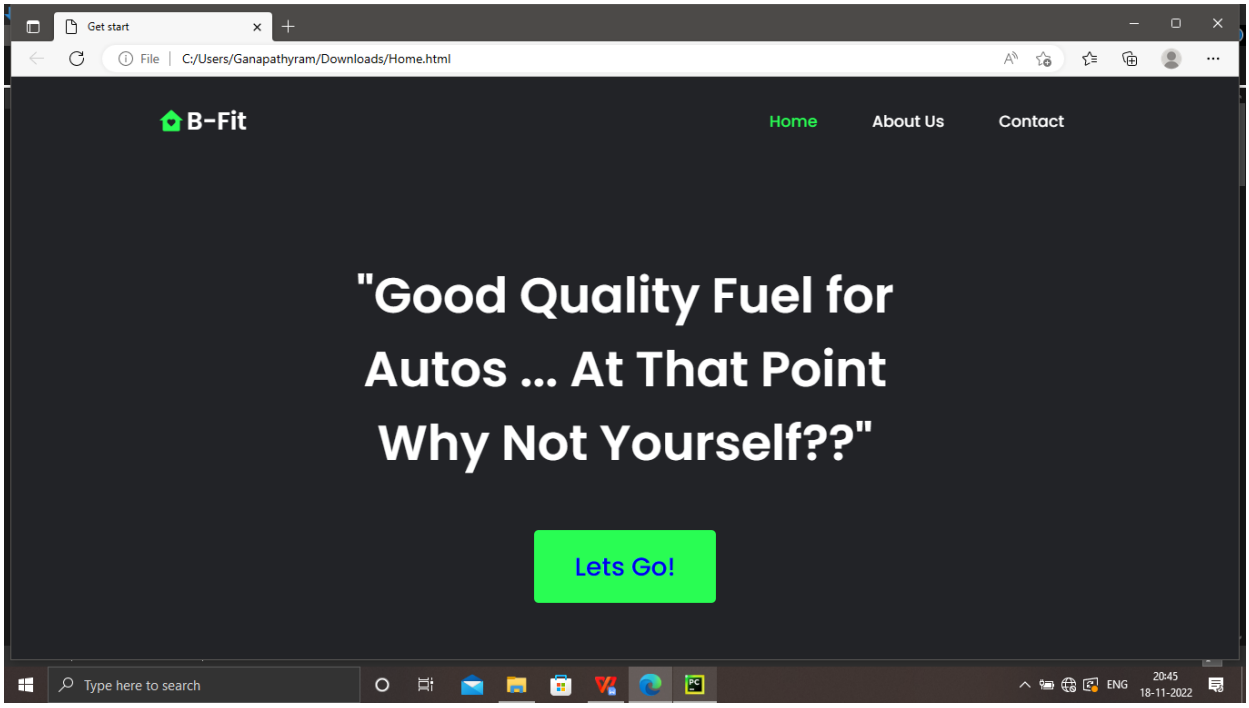
```
.navbar a.active{
        color: var(--main-color);
}
.main{
        display: flex;
        align-items: center;
}
.main a{
        margin-right: 25px;
        margin-left: 10px;
        color: var(--text-color);
        font-size: 1.1rem;
        font-weight: 500;
        transition: all .50s ease;
}
.user{
        display: flex;
        align-items: center;
}
.user i{
        color: var(--main-color);
        font-size: 28px;
        margin-right: 7px;
}
.main a:hover{
        color: var(--main-color);
}
#menu-icon{
        font-size: 35px;
        color: var(--text-color);
        cursor: pointer;
        z-index: 10001;
        display: none;
}


@media (max-width: 1280px){
        header{
                padding: 14px 2%;
                transition: .2s;
        }
        .navbar a{
                padding: 5px 0;
                margin: 0px 20px;
        }
}
```

```
@media (max-width: 1090px){
        #menu-icon{
                display: block;
        }
        .navbar{
                position: absolute;
                top: 100%;
                right: -100%;
                width: 270px;
                height: 29vh;
                background: var(--main-color);
                display: flex;
                flex-direction: column;
                justify-content: flex-start;
                border-radius: 10px;
                transition: all .50s ease;
        }
        .navbar a{
                display: block;
                margin: 12px 0;
                padding: 0px 25px;
                transition: all .50s ease;
        }
        .navbar a:hover{
                color: var(--text-color);
                transform: translateY(5px);
        }
        .navbar a.active{
                color: var(--text-color);
        }
        .navbar.open{
                right: 2%;
        }
}
.btn {
  display: inline-block;
  border-radius: 5px;
  background-color: var(--main-color);
  border: none;
  text-align: center;
  font-size: 28px;
  padding: 20px;
  width: 200px;
  height:80px;
  transition: all 0.5s;
```

```
  cursor: pointer;
  margin: 5px;
  bottom: 75%;
  color:var(--bg-color);
}

.btn span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}

.btn span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}

.btn:hover span {
  padding-right: 25px;
}

.btn:hover span:after {
  opacity: 1;
  right: 0;
}
    .content1{
        padding-top:200px;
        text-align:center;
        padding-bottom:50px;
        font-weight: bold;
        font-size:4vw;
        font-family: poppins;
}

button{
        color:#D9E4F5;
        border:none;
        transition: .4 ease-in;
        z-index:1;
        }
        button::before,
```

```
        button::after{
        position: absolute;
        content:"";
        z-index:-1;
        }
        .btn:hover{
        background: var(--main-color);
        box-shadow: 0 0 5px var(--main-color), 0 0 25px var(--main-color), 0
0 50px var(--main-color), 0 0 200px var(--main-color);
        }
</style
<body>
        <header>
                <a      href="#"      class="logo"><i      class="ri-home-heart-
fill"></i><span>B-Fit</span></a>

                <ul class="navbar">
                        <li><a href="#" class="active">Home</a></li>
                        <li><a href="#">About Us</a></li>

                        <li><a href="#">Contact</a></li>
                </ul>
                </header>
                <div class="content1">
                <p> "Good Quality Fuel for<br>
                   Autos ... At That Point<br>
                        Why Not Yourself??"
                  </p>
      </div>
           <div>
            <a  href="login.html"><button  class="btn"  ><span>Lets  Go!
</span></a></button>
                </div>

        <!--js link--->
        <script>
        let menu = document.querySelector('#menu-icon');
let navbar = document.querySelector('.navbar');

menu.onclick = () => {
        menu.classList.toggle('bx-x');
        navbar.classList.toggle('open');
}
        </script>

</body>
```

</html>



CREATING HTML PAGES FOR REGISTRATION AND LOGIN ,ROUTING INTO FLASK AND CONFRIMATION MESSAGE

LOGIN PAGE

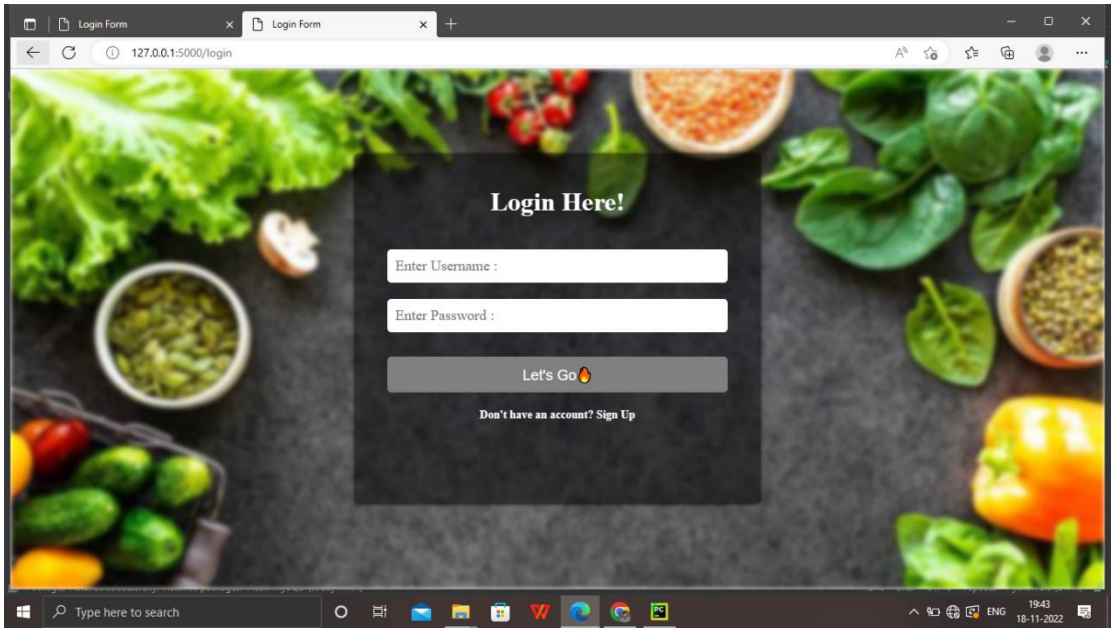
Login page which gets a user name and password and verifies with auser

```
<!DOCTYPE html>
<html>
  <head>
  <meta charset="UTF-8">
  <title>Login Form</title>
  </head>
<style>
* {
  box-sizing: border-box;
}
body {
  font-family: poppins;
  font-size: 16px;
  color: #fff;
```

```
}
.form-box {
  background-color: rgba(0, 0, 0, 0.5);
  margin: auto auto;
  padding: 40px;
  border-radius: 5px;
  box-shadow: 0 0 5px #000;
  position: absolute;
  top: 0;
  bottom: 0;
  left: 0;
  right: 0;
  width: 500px;
  height: 430px;
}
.form-box:before {
  background-image: url("https://i.postimg.cc/Fs7qM1YH/images.jpg");
  width: 100%;
  height: 100%;
  background-size: cover;
  content: "";
  position: fixed;
  left: 0;
  right: 0;
  top: 0;
  bottom: 0;
  z-index: -1;
  filter: blur(3px);
}
.form-box .header-text {
  font-size: 32px;
  font-weight: 600;
  padding-bottom: 30px;
  text-align: center;
}
.form-box input {
  margin: 10px 0px;
  border: none;
  padding: 10px;
  border-radius: 5px;
  width: 100%;
  font-size: 18px;
  font-family: poppins;
}
.form-box input[type=checkbox] {
  display: none;
```

```
}
.form-box label {
  position: relative;
  margin-left: 5px;
  margin-right: 10px;
  top: 5px;
  display: inline-block;
  width: 20px;
  height: 20px;
  cursor: pointer;
}
.form-box label:before {
  content: "";
  display: inline-block;
  width: 20px;
  height: 20px;
  border-radius: 5px;
  position: absolute;
  left: 0;
  bottom: 1px;
  background-color: #ddd;
}
.form-box span {
  font-size: 14px;
}
.form-box button {
  background-color: #808080;
  color: #fff;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  width: 100%;
  font-size: 18px;
  padding: 10px;
  margin: 20px 0px;
}
span a {
  color: #BBB;
}
h4{
margin:0px 0px 0px 0px;
text-align:center;
}

</style>
  <body>
```

```
      <form action="{{ url_for('login') }}" method="post">
      <div class="form-box">
  <div class="header-text">
Login Here!
       </div>
         <div class="msg">{{ msg }}</div>
           <input id="username" name="username" type="text" placeholder="Enter Username :">
           <input id="password" name="password" type="password" placeholder="Enter Password :" >
           <button><a href="index.html" style="color:#fff; text-decoration:none;">Let's Go&#128293</a></button>
            <span><h4><b>Don't have an account? </b><a href="{{url_for('register')}}" style="color:#fff; text-decoration:none;"><b>Sign Up</b></h4></a></span>
</div>
</form>
</body>
</html>
```

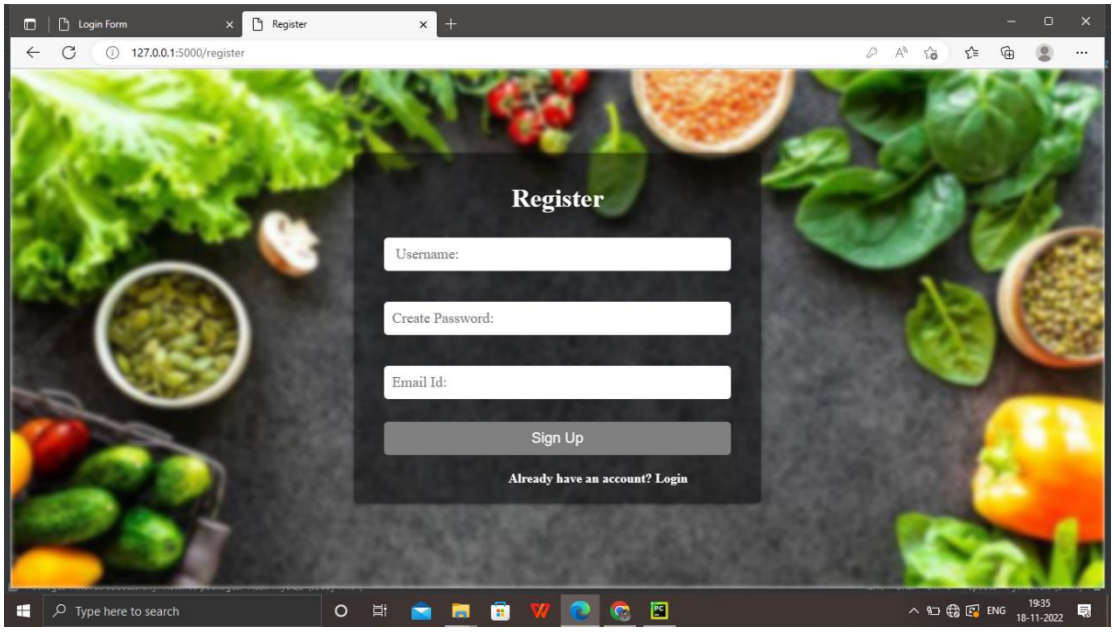


Register page

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title> Register </title>
    <style>
      * {
  box-sizing: border-box;
}
body {
  font-family: poppins;
  font-size: 16px;
  color: #fff;
}
.form-box {
  background-color: rgba(0, 0, 0, 0.5);
  margin: auto auto;
  padding: 36px;
  border-radius: 5px;
  box-shadow: 0 0 5px #000;
  position: absolute;
  top: 0;
  bottom: 0;
  left: 0;
  right: 0;
  width: 500px;
  height: 430px;
}
.form-box:before {
  background-image: url("https://i.postimg.cc/Fs7qM1YH/images.jpg");
  width: 100%;
  height: 100%;
  background-size: cover;
  content: "";
  position: fixed;
  left: 0;
  right: 0;
  top: 0;
  bottom: 0;
```

```
  z-index: -1;
  filter: blur(3px);
}
.form-box .header-text {
  font-size: 32px;
  font-weight: 600;
  padding-bottom: 20px;
  text-align: center;
  padding-top:0px;
}
.form-box input {
  margin: 10px 0px;
  border: none;
  padding: 10px;
  border-radius: 5px;
  width: 100%;
  font-size: 18px;
  font-family: poppins;
}
.form-box input[type=checkbox] {
  display: none;
}
.form-box label {
  position: relative;
  margin-left: 5px;
  margin-right: 10px;
  top: 5px;
  display: inline-block;
  width: 20px;
  height: 20px;
  cursor: pointer;
}
.form-box label:before {
  content: "";
  display: inline-block;
  width: 20px;
  height: 20px;
  border-radius: 5px;
  position: absolute;
  left: 0;
  bottom: 1px;
  background-color: #ddd;
}
.form-box span {
  font-size: 14px;
}
```

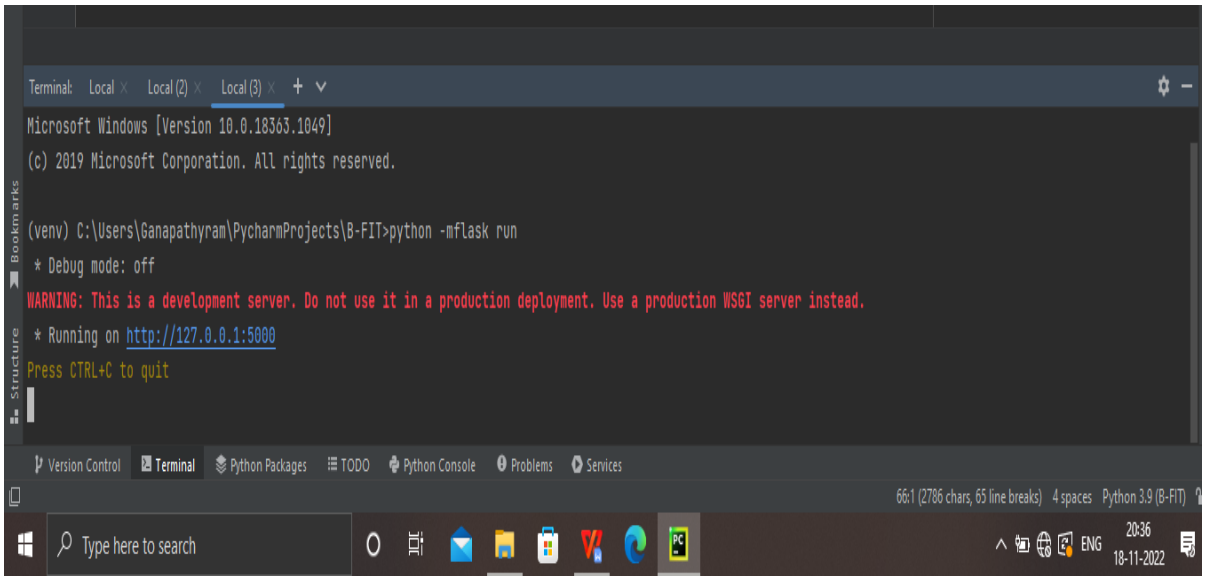
```
.btn {
  background-color: #808080;
  color: #fff;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  width: 100%;
  font-size: 18px;
  padding: 10px;
  margin: 20px 0px;
  margin-top:0px;
}
span a {
  color: #bbb;
}
h4{
margin:0px 0px 10px 100px;
text-align:center;
}

    </style>
  </head>
  <body></br></br></br>
    <div class="form-box">
  <div class="header-text">Register
      </div>
        <form action="{{ url_for('register') }}" method="post">
          <div class="msg">{{ msg }}</div>
          <input id="username" name="username" type="text" placeholder="
Username:" class="textbox"/></br></br>
          <input id="password" name="password" type="password"
placeholder="Create Password:" class="textbox"/></br></br>
          <input id="email" name="email" type="text" placeholder="Email Id:"
class="textbox"/></br></br>
          <button class="btn"><a href="{{url_for('login')}}" style="color:#fff;
text-decoration:none;" >Sign Up</button></form>
      <span><b><h4>Already have an account?</b><a
href="{{url_for('login')}}" style="color:#fff; text-decoration:none;">
<b>Login</h4></b></a></span>
    </div>
  </body>
</html>
```



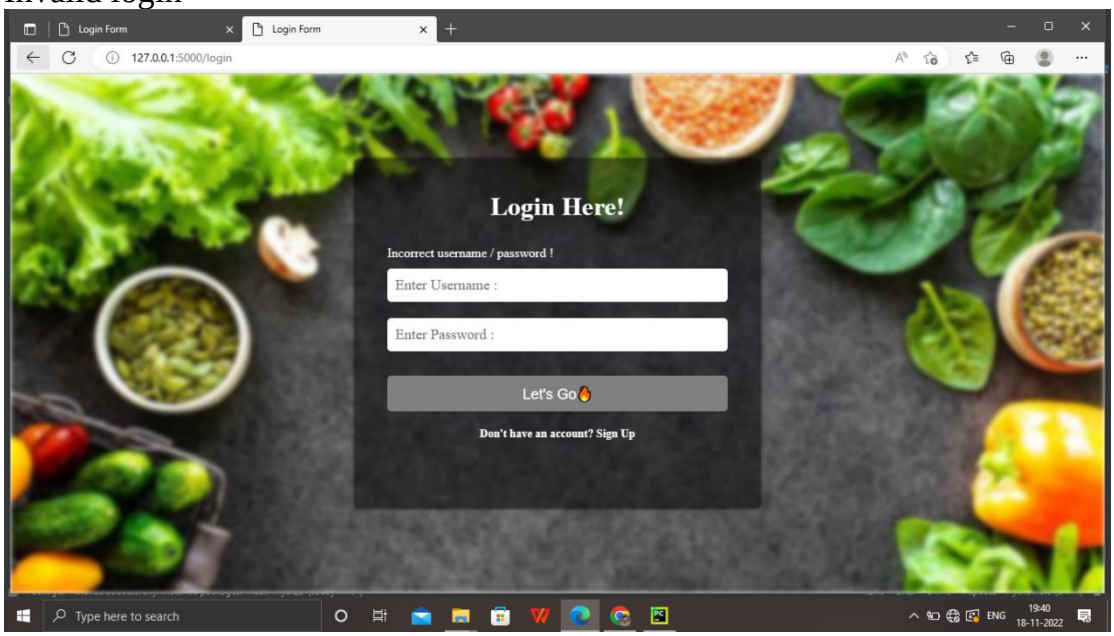
Routing to flask

```
import MySQLdb
from flask import Flask, render_template, request, redirect, url_for, session
from flask_mysqldb import MySQL
import MySQLdb.cursors
import re
app = Flask(__name__, template_folder='template')
app.secret_key = 'This is my secret key'
app.config['MYSQL_server'] = 'localhost'
app.config['MYSQL_USER'] = 'root'
app.config["MYSQL_PASSWORD"] = '12345qwert@@'
app.config['MYSQL_DB'] = 'hubidb'
mysql = MySQL(app)
@app.route('/')
@app.route('/login', methods=['GET', 'POST'])
def login():
    msg = ''
    if request.method == 'POST' and 'username' in request.form and 'password' in
request.form:
        username = request.form['username']
        password = request.form['password']
        cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
        cursor.execute('SELECT * FROM project WHERE username = % s AND
password = % s', (username, password, ))
        account = cursor.fetchone()
        if account:
            session['loggedin'] = True
```

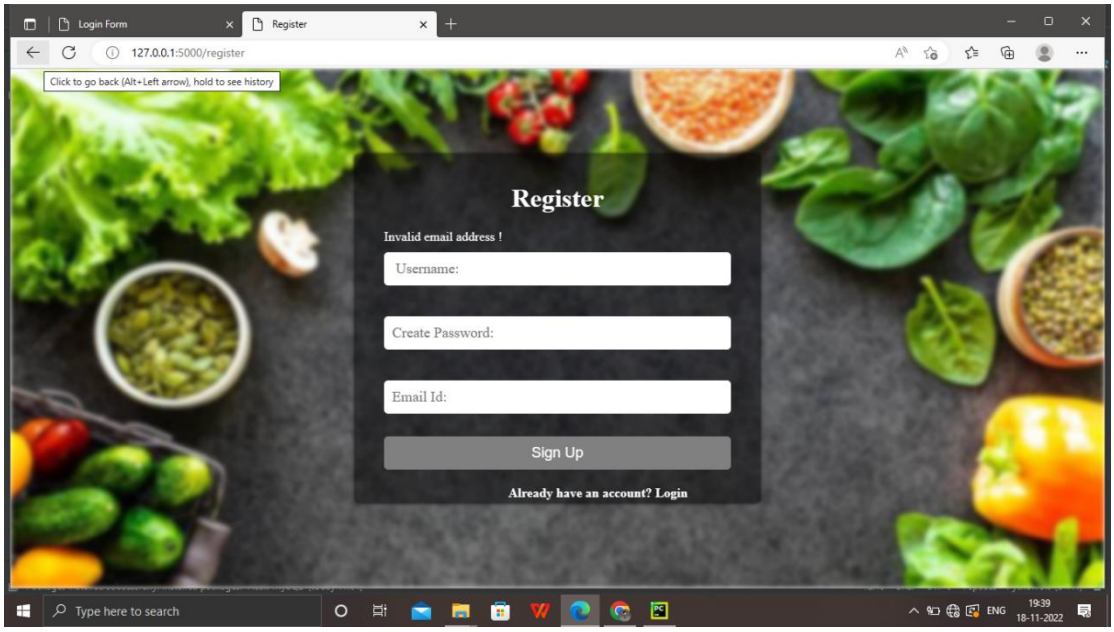
```
            session['id'] = account['id']
            session['username'] = account['username']
            msg = 'Logged in successfully !'
            return render_template('index.html', msg=msg)
        else:
            msg = 'Incorrect username / password !'
    return render_template('login.html', msg=msg)
@app.route('/')
@app.route('/logout')
def logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)
    return redirect(url_for('login'))
@app.route('/register', methods =['GET', 'POST'])
def register():
    msg = ''
    if request.method == 'POST' and 'username' in request.form and 'password' in
request.form and 'email' in request.form:
        username = request.form['username']
        password = request.form['password']
        email = request.form['email']
        cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
        cursor.execute('SELECT *FROM project WHERE username = % s',
(username, ))
        account = cursor.fetchone()
        if account:
            msg = 'Account already exists !'
        elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
            msg = 'Invalid email address !'
        elif not re.match(r'[A-Za-z0-9]+', username):
            msg = 'Username must contain only characters and numbers !'
        elif not username or not password or not email:
            msg = 'Please fill out the form !'
        else:
            cursor.execute('INSERT INTO project VALUES (NULL, % s, % s, %
s)', (username, password, email, ))
            mysql.connection.commit()
            msg = 'You have successfully registered !'
    elif request.method == 'POST':
        msg = 'Please fill out the form !'
    return render_template('register.html', msg = msg)
if __name__ == '__main__':
        app.run(debug=True)
```



Invalid login



Invalid register



Database:

```
12 •  select *from project;
```

Result Grid | Filter Rows: | Edit:

id	username	password	email
1	huban	huban123@	gigity12@gmail.com
2	ganapathy	12345	12@gmail.com
3	hubanfd	hubanfd123@	12@gmail.com
4	ramye	ramyeshwan23	ramyeshwan1@gm...
5	weniston	weni43#	wenistyles34@gma...
NULL	NULL	NULL	NULL