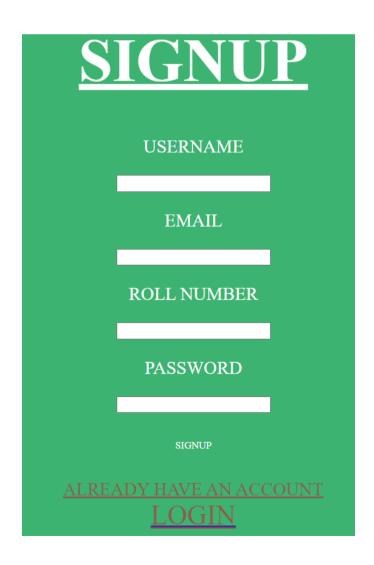
ASSIGNMENT-2

NAME	ARUNKUMAR S
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- 1. Create a Flask App
- 2. Add the Home page, About Page
- 3. Add the Bootstrap
- 4. Add the Signup page and Add the Login Page:



SIGNUP PAGE HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title style="font-family: sans-serif">Sign up</title>
</head>
<style>
    h1{
        text-align: center;
        font-size: 10ch;
        color: white;
    body{
        background-color:
        MediumSeaGreen;text-align:
        center;
    body{
        background-image: url("im.gif");
        background-position: center;
        background-repeat: no-repeat;
        background-size: cover;
    p{
        color: white;
        font-size: x-large;
        font-family:'Times New Roman', Times, serif;
    small{
        color:rgba(168, 61, 61, 0.71);
        font-size:3ch;
    input[type=submit] {
        background-color: rgba(0, 0, 0, 0);
        font-family: 'Times New Roman', Times, serif;
        border: none;
        color: white;
        padding: 15px 10px;
        text-decoration: none;
        margin: 2px 2px;
        cursor: pointer;
</style>
<body>
    <h1><u>SIGNUP</u></h1>
    <form method="POST" action="">
        USERNAME
        <input type="text" name="username" id="username" maxlength="25"</pre>
size="25" required>
        EMAIL
        <input type="text" name="email" id="email" maxlength="25" size="25"</pre>
required>
        ROLL NUMBER
        <input type="text" name="rno" id="rno" maxlength="25" size="25"</pre>
required>PASSWORD
```

SIGNUP FUCTION IN FLASK:

```
@app.route("/",methods=["GET","POST"])
def signup():
    if (request.method=="POST"):
        rno = request.form.get("rno",'')
        email = request.form.get("email")
        username = request.form.get("username",'')
        password = request.form.get("password",'')

        with sqlite3.connect("users.db") as con:
            cur = con.cursor()
            cur.execute("INSERT INTO user (roll_number,email,username,password)

VALUES (?,?,?,?)",(rno,email,username,password))
        con.commit()
        return redirect(url_for('login'))
        return render_template("signup.html")
```

Login Page:

LOGIN PAGE	
USERNAME	
PASSWORD	
LOGIN	
New User?Signup	

LOGIN PAGE HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
   <title>Login</title>
    <link href="style.css">
</head>
<style>
   body{
        text-align:justify;
        background-color: Tomato;
</style>
<body>
   <h1>LOGIN PAGE</h1> <br>
    <form method="POST" action="">
        <b>USERNAME</b>
        <input type="text" name="username" id = "username"> <br>
        <b>PASSWORD</b>
        <input type="password" name="password" id="password"> <br>
        <br><br><br>></pr>
        <input type="submit" value="LOGIN">
        <small><u>New User?</u><a href="{{ url_for('signup')}</p>
}}">Signup</a></small>
   </form>
</body>
</html>
```

LOGIN FUNCTION IN FLASK:

```
@app.route("/login", methods=["GET", "POST"])
def login():
    if request.method=="POST":
        username = request.form.get("username",'')
        password = request.form.get("password",'')
        with sqlite3.connect("users.db") as con:
            cur = con.cursor()
            cur.execute("select * from user where username=(?) and
password=(?)",(username,password))
            result = cur.fetchone()
            con.commit()
            if result==None:
                return render_template("login.html",msg="Invalid Username and
password")
            else:
                return render_template("home.html",username=result[1])
   return render_template("login.html")
```

Home Page:

Nutrino Sign In About

Welcome to the home page

HOME PAGE HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Home Page</title>
    <link rel="stylesheet" href="{{ url_for('static',filename='styles/main.css') }}">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-iYQeCzEYFbN">integrity="sha384-iYQeCzEYFbN
    <nav class="navbar navbar-dark bg-dark">
          <a class="navbar-brand" href="#"><h1>Nutrino</h1></a>
            <div class="navbar-nav">
               <a class="nav-link active" aria-current="page" href="/signin">Sign In</a>
               <a class="nav-link" href="/about">About</a>
             <h1 align ="center">Nutrition Assistant Application</h1>
       </div>
    <div style="background-image:url('/static/img/image.jpg');"></div>
    <div class="main" align="center">
     <h1>Welcome to the home page</h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js" integrity="sha384-u10knCvxWvY5kfmNBILK2</pre>
```

About Page:



ABOUT PAGE HTML CODE: