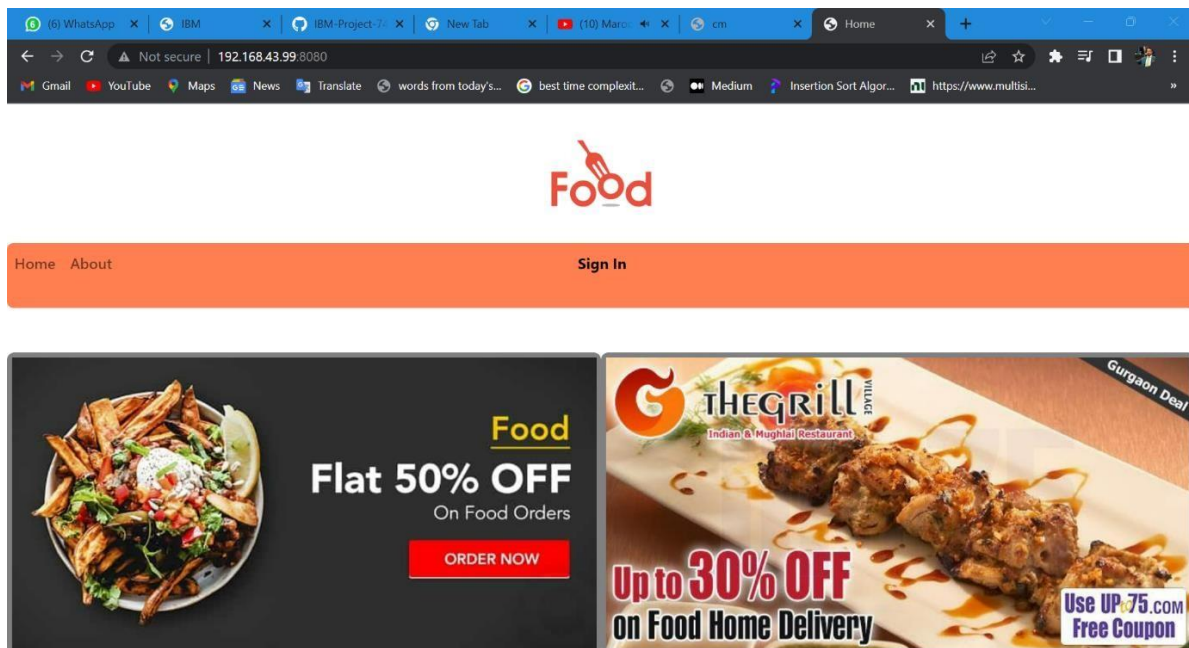


Assignment-2

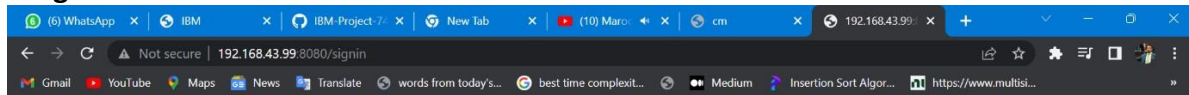
Flask login, sign in & home page

Assignment Date	21 October 2022
Student Name	THIRUMURUGAN M
Student Roll Number	810019104083
Maximum Marks	2 Marks

Homepage.html



Sign in.html



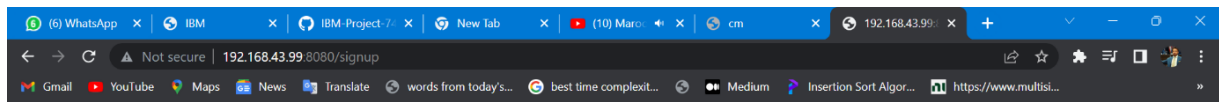
Sign in

Email id:

Password

Create an Account [click here.](#)

SignUp.html



Sign up

Username:

Email id:

password:

confirm password:

```
from flask import Flask, render_template, request, url_for, redirect
from flask_sqlalchemy import SQLAlchemy
from flask_migrate import Migrate, migrate

app = Flask(__name__)

app.config['SQLALCHEMY_DATABASE_URI'] = 'sqlite:///site.db'
db = SQLAlchemy(app)

class Profile(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    UserName = db.Column(db.String(20), unique=False, nullable=False)
    Email = db.Column(db.String(20), unique=False, nullable=False)
    passWord = db.Column(db.String(20), nullable=False)

    # repr method represents how one object of this datatable
    # will look like
    def __repr__(self):
        return f"Name : {self.UserName}, PassWord: {self.passWord}"

@app.route("/")
def home():
    return render_template('home.html')

@app.route("/about")
def about():
```

```

        return render_template('about.html')

@app.route("/signin", methods=['POST', 'GET'])
def signin():
    return render_template('signin.html')

@app.route("/signup", methods=['POST', 'GET'])
def signup():
    return render_template('signup.html')
    # if request.method == 'POST':
    #     username = request.form['username']
    #     password = request.form['password']
    #     repassword = request.form['repassword']
    #     if password == repassword:
    #         return render_template('signin.html')
    #     else:
    #         return redirect(url_for('signup'))

@app.route('/add', methods=["POST"])
def profile():
    username = request.form.get("username")
    email = request.form.get("email")
    password = request.form.get("password")
    if username != '' and email != '' and password is not None:
        p = Profile(UserName=username, Email=email, passWord=password)
        db.session.add(p)
        db.session.commit()
        return redirect(url_for('signin'))
    else:
        return redirect('/')

@app.route('/check' , methods=["GET"])
def signinChecker():
    email = request.form.get("email")
    password = request.form.get("password")
    email_data = Profile.query.get(email)
    password_data = Profile.query.get(password)
    if(email_data != 0 and password_data != 0):
        return redirect(url_for('home'))
    else:
        return redirect("/")

migrate = Migrate(app, db)
if __name__ == "__main__":
    app.run(host='0.0.0.0', port='8080', debug=True)

```

Home page.html

```
<!DOCTYPE html>
<html>

<head>
  <title>Home</title>
  <!-- CSS only -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet"
    integrity="sha384-
iYQeCzEYFbKjA/T2uDLTPkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
  <!-- JavaScript Bundle with Popper -->
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min
.js"
    integrity="sha384-
u10knCvxwVY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTP00mMi466C8"
    crossorigin="anonymous"></script>
  <style>
    #logo1{
      display:flex;
      justify-content:center;
    }
    #loginner{
      flex-wrap:wrap;
      align-items:center;

    }
    #logo{
      width:150px;
      height:150px;
    }
    .contain{
      display:flex;
    }
  </style>
  .image1,.image2{
    flex-wrap:wrap;
    width:90%;
    height:90%;
    border:5px solid grey;
    border-radius:8px;
```

```

        align-items:center;
        background-color:grey;
    }
</style>
</head>

<body>
    <div class="main-container">
        <div id="header">
            <div id="logo1">
                <div id="logoinner">
                    
                </div>
            </div>
            <div id="nav">
                <nav class="navbar navbar-expand-
lg" style='height:70px;background-color:coral;border-radius:7px;' >
                    <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle
navigation">

                        <span class="navbar-toggler-icon"></span>
                    </button>
                    <div class="collapse navbar-collapse" style="margin-
top:25px" id="navbarNav">
                        <ul class="navbar-nav" id="ul">
                            <li class="nav-item active">
                                <a class="nav-link" href="{{
url_for('home')}}"><h6>Home<h6></a>
                            </li>
                            <li class="nav-item active">
                                <a class="nav-link" href="{{
url_for('about')}}"><h6>About<h6></a>
                            </li>

                                <a class="nav-link" href="{{
url_for('signin')}}"><h6><b style="color:black;padding-left:470px">Sign
In<b><h6></a>

                        </div>
                    </ul>
                </div>
            </nav>
        </div>

    <div class="contain">
        <div class="image1">

```

```

        
    </div>
    <div class ="image2">
        
    </div>
</div>

</body>

</html>

```

Sign in.html

```

<!DOCTYPE html>
<html>
    <head>
        <title></title>
        <!-- CSS only -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min
.js" integrity="sha384-
u10knCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTP00mMi466C8"
crossorigin="anonymous"></script>
    <style>
        .container{
            width: 30%;
            height: 340px;
            border: 2px solid grey;
            margin-top: 10%;
        }
        h2{
            padding-top: 10px;
            padding-bottom: 10px;
        }
        button{
            margin-top: 10px;
            margin-left: 100px;
            width: 100px;
        }
    </style>

```

```

</head>
<body>
  <div class="container bg bg-secondary">
    <form action="/check" method="GET">
      <h2 align="center">Sign in</h2>
      <div class="container-fluid form-group">
        <div class="col-xs-6">
          <label>Email id:</label>
          <div class="input-group">
            <input type="email" class="form-control " name="email"
placeholder="abc@gmail.com" required>
          </div><br>
          <label>Password</label>
          <div class="input-group">
            <input type="password" class="form-control "
name="password" placeholder="password" required>
          </div><br>
          <button class="btn btn-info" >submit</button>
          <p style="color:white">Create an Account<a
href={{url_for('signup')}}><b style="color:red">click here.</b></a></p>
        </div>
      </div>
    </form>
  </div>

</body>
</html>

```

#Sign up.html

```

<!DOCTYPE html>
<html>
  <head>
    <title></title>
    <!-- CSS only -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min
.js" integrity="sha384-
u10knCvwxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTP00mMi466C8"
crossorigin="anonymous"></script>
    <style>
      .container{

```

```

        width: 30%;
        height: 340px;
        border: 2px solid grey;
        margin-top: 10%;
    }
    h2{
        padding-top: 10px;
        padding-bottom: 10px;
    }
    button{
        margin-top: 10px;
        margin-left: 100px;
        width: 100px;
    }

</style>
</head>
<body>
<div class="container bg bg-secondary">
    <form action="/check" method="GET">
        <h2 align="center">Sign in</h2>
        <div class="container-fluid form-group">
            <div class="col-xs-6">
                <label>Email id:</label>
                <div class="input-group">
                    <input type="email" class="form-control " name="email"
placeholder="abc@gmail.com" required>
                </div><br>
                <label>Password</label>
                <div class="input-group">
                    <input type="password" class="form-control"
name="password" placeholder="password" required>
                </div><br>
                <button class="btn btn-info" >submit</button>
                <p style="color:white">Create an Account<a
href={{url_for('signup')}}><b style="color:red">click here.</b></a></p>
            </div>
        </div>
    </form>
</div>

</body>
</html>

```