

Assignment-1

Create login page, and navigation between html pages

login.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width,initial-scale=1"/>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>
    <title>Login Page</title>
  </head>
  <body style="background-color: aliceblue;">
    <nav style="color: blue;background-color: aqua;" class="navbar navbar-
default">
      <div class="container-fluid">
        <div class="navbar-header">
          <a class="navbar-brand" href="">Full Stack Demo</a>
        </div>
        <ul class="nav navbar-nav">
          <li><a href="">Home</a></li>
          <li><a href="/">Register</a></li>
          <li class="active"><a href="/login">Login</a></li>
        </ul>
      </div>
    </nav>
    <center>
      <div class="col-sm-4"></div>
      <div class="container col-md-4">
        <h1>Login Page</h1> <br/>
        <form action="/logindata" method="post">
          <div class="form-group">
            <label for="mobile">Mobile No:</label>
            <input type="text" class="form-control" name="mobile"
placeholder="Enter Mobile No"/>
          </div>
          <div class="form-group">
            <label for="password">Password:</label>
            <input type="password" class="form-control"
name="password" placeholder="Enter password"/>
          </div>
        </form>
      </div>
    </center>
  </body>
</html>
```

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        <div class="form-group">
            <button class="btn btn-primary"
type="submit">Login</button>
        </div>
    </form>
    <span style="color:red">{{err1}}</span>
    <span style="color:green">{{res1}}</span>
</div>

<div class="col-sm-4"></div>
</center>
<a href="https://www.Ammu.com">Ammu</a>
</body>
</html>

```

In the login.html ,we define that login page to active.

```
<li class="active"><a href="/login">Login</a></li>
```

And then,we create a handler “/loginpage” in the “app.py”.

app.py

```

from flask import Flask,render_template,request,redirect,session

from pymongo import MongoClient
client=MongoClient('127.0.0.1',27017)
db=client['Ammu']
c=db['flaskapp']
app=Flask(__name__)
app.secret_key='Ammu'
@app.route('/')
def homepage():
    return render_template('index.html')

@app.route('/login')
def loginpage():
    return render_template('login.html')
@app.route('/dashboard')
def dashboardpage():
    owner=session['username']
    return render_template('dashboard.html',owner=owner)
@app.route('/insertnotes')
def insertnotespage():
    return render_template('insertnotes.html')
@app.route('/viewnotes')
def viewnotes():
    c1=db['notes']
    data=[]
    for i in c1.find():

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        if i['owner']==session['username']:
            data.append(i['notes'])
        return render_template('viewnotes.html',data=data,l=len(data))
@app.route('/formdata',methods=['post'])
def formdata():
    name=request.form['name']
    email=request.form['email']
    mobile=request.form['mobile']
    password=request.form['password']
    print(name,email,mobile,password)
    for i in c.find():
        if i['mobile']==mobile:
            return render_template('index.html',err='you have already
registered')
    k={}
    k['name']=name
    k['email']=email
    k['mobile']=mobile
    k['password']=password
    c.insert_one(k)
    return render_template('index.html',res='you have registered
successfully')
@app.route('/logindata',methods=['post'])
def logindata():
    mobile=request.form['mobile']
    password=request.form['password']
    print(mobile,password)
    for i in c.find():
        if i['mobile']==mobile and i['password']==password:
            session['username']=mobile
            return redirect('/dashboard')
        # return render_template('login.html',res1='valid credentials')

    return render_template('login.html',err1='invalid credentials')

@app.route('/logout')
def logout():
    session['username']=None
    return redirect('/')

@app.route('/insertnotesdata',methods=['post'])
def insertnotesdata():
    notes=request.form['notes']
    owner=session['username']
    print(notes,owner)
    c1=db['notes']
    k={}
    k['owner']=owner

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k['notes']=notes
c1.insert_one(k)

return render_template('insertnotes.html',res2='Notes saved')

if __name__=="__main__":
    app.run(host='0.0.0.0',port=5001,debug=True)

```

Output:

```

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS D:\s_internship\register page-save> & C:/Users/ammu4/AppData/Local/Programs/Python/Python311/python.exe "d:/s_i
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server inst
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5001
* Running on http://192.168.145.67:5001
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 124-491-721

```

Copy the link and paste it on the browser.

The screenshot shows a web browser at the address 192.168.145.67:5001. The browser's address bar shows "Not secure". The page has a navigation bar with "Full Stack Demo", "Home", "Register", and "Login". The "Register" link is highlighted. The main content area is titled "Register Page" and contains a registration form with the following fields: "Name:" (with placeholder "Enter Name"), "Email:" (with placeholder "Enter Email Id"), "Mobile No:" (with placeholder "Enter Mobile No"), and "Password:" (with placeholder "Enter password"). A blue "Register" button is located below the password field. The username "Ammu" is displayed in the top right corner of the page.

Here,by default register page was opened ,when we click on the login,it navigates to the login page

