HomePage

<!DOCTYPE html>

<html lang="en">

<head>

<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>Signup</title>

<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">

</head>

<body>

<nav class="navbar navbar-expand-lg bg-dark navbar-dark">

<div class="container-fluid">

<a class="navbar-brand" href="#">Flask App</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarText" aria-controls="navbarText" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarText">

<ul class="navbar-nav ms-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link" aria-current="page" href="/">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/signin">SignIn</a>

</li>

<li class="nav-item">

<a class="nav-link active" href="/signup">Signup</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/about">About</a>

</li>

</ul>

</div>

</div>

</nav>

<h1 style="text-align: center;padding-top: 30px;"> <b>Sign-Up</b></h1>

<div class="container" >

<br><br>

<form style="margin: 0 20%" method="POST" action="/signup">

<div class="form-outline mb-4">

<label class="form-label" for="form2Example1">Name</label>

<input type="text" name="name" id="form2Example1" class="form-control" />

</div>

<!-- Email input -->

<div class="form-outline mb-4">

<label class="form-label" for="form2Example1">Email address</label>

<input type="email" name="email" id="form2Example1" class="form-control" />

</div>

<!-- Password input -->

<div class="form-outline mb-4">

<label class="form-label" for="form2Example2">Password</label>

<input type="password" name="password" id="form2Example2" class="form-control" />

</div>

<br>

<!-- Submit button -->

<center>

<button type="submit" class="btn btn-primary btn-block mb-4" style="width:300px">Sign-Up</button>

</center>

</form>

</div>

</body>

</html>

SignInPage

<!DOCTYPE html>

<html lang="en">

<head>

<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>Signup</title>

<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">

</head>

<body>

<nav class="navbar navbar-expand-lg bg-dark navbar-dark">

<div class="container-fluid">

<a class="navbar-brand" href="#">Flask App</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarText" aria-controls="navbarText" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarText">

<ul class="navbar-nav ms-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link" aria-current="page" href="/">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/signin">SignIn</a>

</li>

<li class="nav-item">

<a class="nav-link active" href="/signup">Signup</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/about">About</a>

</li>

</ul>

</div>

</div>

</nav>

<h1 style="text-align: center;padding-top: 30px;"> <b>Sign-Up</b></h1>

<div class="container" >

<br><br>

<form style="margin: 0 20%" method="POST" action="/signup">

<div class="form-outline mb-4">

<label class="form-label" for="form2Example1">Name</label>

<input type="text" name="name" id="form2Example1" class="form-control" />

</div>

<!-- Email input -->

<div class="form-outline mb-4">

<label class="form-label" for="form2Example1">Email address</label>

<input type="email" name="email" id="form2Example1" class="form-control" />

</div>

<!-- Password input -->

<div class="form-outline mb-4">

<label class="form-label" for="form2Example2">Password</label>

<input type="password" name="password" id="form2Example2" class="form-control" />

</div>

<br>

<!-- Submit button -->

<center>

<button type="submit" class="btn btn-primary btn-block mb-4" style="width:300px">Sign-Up</button>

</center>

</form>

</div>

</body>

</html>

SignupPage

<!DOCTYPE html>

<html lang="en">

<head>

<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>Signup</title>

<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">

</head>

<body>

<nav class="navbar navbar-expand-lg bg-dark navbar-dark">

<div class="container-fluid">

<a class="navbar-brand" href="#">Flask App</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarText" aria-controls="navbarText" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarText">

<ul class="navbar-nav ms-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link" aria-current="page" href="/">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/signin">SignIn</a>

</li>

<li class="nav-item">

<a class="nav-link active" href="/signup">Signup</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/about">About</a>

</li>

</ul>

</div>

</div>

</nav>

<h1 style="text-align: center;padding-top: 30px;"> <b>Sign-Up</b></h1>

<div class="container" >

<br><br>

<form style="margin: 0 20%" method="POST" action="/signup">

<div class="form-outline mb-4">

<label class="form-label" for="form2Example1">Name</label>

<input type="text" name="name" id="form2Example1" class="form-control" />

</div>

<!-- Email input -->

<div class="form-outline mb-4">

<label class="form-label" for="form2Example1">Email address</label>

<input type="email" name="email" id="form2Example1" class="form-control" />

</div>

<!-- Password input -->

<div class="form-outline mb-4">

<label class="form-label" for="form2Example2">Password</label>

<input type="password" name="password" id="form2Example2" class="form-control" />

</div>

<br>

<!-- Submit button -->

<center>

<button type="submit" class="btn btn-primary btn-block mb-4" style="width:300px">Sign-Up</button>

</center>

</form>

</div>

</body>

</html>

FlaskApp

from flask import Flask, render\_template , request , redirect

app = Flask(\_\_name\_\_)

users = [

{"name":"Chan","email":"chan2002@gmail.com","password":"try"}

]

@app.route("/")

def index():

return render\_template("index.html")

@app.route("/about")

def about():

return render\_template("about.html")

@app.route("/signin" ,methods = ['POST', 'GET'])

def signin():

if request.method == 'POST':

user\_email = request.form['email']

user\_password = request.form['password']

for user in users:

if user["email"] == user\_email:

if user["password"] == user\_password:

return redirect("/home")

return render\_template("signin.html")

@app.route("/signup" ,methods = ['POST', 'GET'])

def signup():

if request.method == 'POST':

user\_name = request.form['name']

user\_email = request.form['email']

user\_password = request.form['password']

users.append({"name":user\_name , "email":user\_email , "password":user\_password})

return redirect("/home")

return render\_template("signup.html")

@app.route("/home")

def home():

return render\_template("home.html")

@app.route("/users")

def user():

return users

if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug = True)

FLASK APP SQL

from flask import Flask, render\_template, request, redirect,url\_for

from flask\_mysqldb import MySQL

app = Flask(\_\_name\_\_)

app.config['MYSQL\_HOST'] = '127.0.0.1'

app.config['MYSQL\_USER'] = 'root'

app.config['MYSQL\_PASSWORD'] = ''

app.config['MYSQL\_DB'] = 'ibm'

mysql=MySQL(app)

@app.route('/')

def Index():

return render\_template('signup.html')

@app.route('/login.html')

def log():

return render\_template('login.html')

@app.route('/profile.html')

def profile():

return render\_template('profile.html')

@app.route('/insert',methods=['POST'])

def insert():

if request.method=="POST":

name=request.form['name']

mail=request.form['email']

rollno = request.form['rollno']

password = request.form['password']

cur=mysql.connection.cursor();

cur.execute("INSERT INTO user(username,rollno,email,password)VALUES(%s,%s,%s,%s)",(name,rollno,mail,password))

mysql.connection.commit();

return redirect(url\_for('log'))

@app.route('/authenticate',methods=['POST'])

def authenticate():

msg=''

if request.method=="POST":

uname=request.form['username']

pwrd=request.form['password']

cursor1=mysql.connection.cursor()

cursor1.execute('SELECT \* FROM register WHERE name = %s AND pwd = %s', (uname, pwrd,))

data=cursor1.fetchone()

if data :

return render\_template('profile.html')

else:

msg="Invalid Mail Id/Password"

return render\_template('login.html',msg=msg)

if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug=True)