- [Home](#)
- [SignIn](#)
- [Signup](#)
- [About](#)

About Us

HomePage

```html
<!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>
```

```html
<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>
```

```html
</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>
```

```html
<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>
</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">
```

```html
<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>
```

```html
          <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

```python
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

```python
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()
```

```python
        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)
```