

**IBM
ASSIGNMENT 2**

| | |
|---------------------|-------------------------------|
| DATE | 20 Oct 2022 |
| TEAM ID | PNT2022TMID02887 |
| PROJECT NAME | CUSTOMER CARE REGISTRY |

Problem: Add the Sign in page and App the Signup Page + database connectivity

FLASK:

App.py

```
from flask import Flask, render_template, request, flash, redirect, url_for, session
import sqlite3
```

```
app = Flask(__name__)
app.secret_key="123"
```

```
con=sqlite3.connect("database.db")
con.execute("create table if not exists customer(pid integer primary key,name text,address text,contact
integer,password text)")
con.close()
```

```
@app.route('/')
def index():
    return render_template('index.html')
```

```
@app.route('/login',methods=["GET","POST"])
def login():
    if request.method=='POST':
        name=request.form['name']
        password=request.form['password']
        con=sqlite3.connect("database.db")
        con.row_factory=sqlite3.Row
        cur=con.cursor()
        cur.execute("select * from customer where name=? and password=?", (name,password))
        data=cur.fetchone()

        if data:
            session["name"]=data["name"]
            session["password"]=data["password"]
            return redirect("customer")
        else:
            flash("Username and Password Mismatch","danger")
    return redirect(url_for("index"))
```

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

```
@app.route('/register',methods=['GET','POST'])
```

```

def register():
    if request.method=='POST':
        try:
            name=request.form['name']
            address=request.form['address']
            contact=request.form['contact']
            password=request.form['password']
            con=sqlite3.connect("database.db")
            cur=con.cursor()
            cur.execute("insert into
customer(name,address,contact,password)values(?,?,?,?)",(name,address,contact,password))
            con.commit()
            flash("Record Added Successfully","success")
        except:
            flash("Error in Insert Operation","danger")
        finally:
            return redirect(url_for("index"))
            con.close()

    return render_template('register.html')

@app.route('/logout')
def logout():
    session.clear()
    return redirect(url_for("index"))

if __name__ == '__main__':
    app.run(debug=True)

```

HTML:

Login ->Index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Index</title>
    <link rel="stylesheet" href="{{url_for('static',filename='css/bootstrap.min.css')}}">
    <link rel="stylesheet" href="{{url_for('static',filename='myfont/css/all.min.css')}}">
    <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>
    <style>
        .shadow{
            box-shadow:3px 3px 10px black;
            padding:30px;
        }
    </style>
</head>
<body style="background-color:bisque; ">
    <div class="home">
        <h2 >CUSTOMER CARE REGISTRY</h2>
    </div>
    <div class="container" style="margin-top:100px ">
        <div class="col-md-offset-1 col-md-10" >
            <div class="col-md-offset-3 col-md-5">
                <div class="shadow">

```

```

<form action="/login" method="POST" autocomplete="off">
  <h3 class="page-header text-primary">Login</h3>

  {% with messages = get_flashed_messages(with_categories=true) %}
  {% if messages %}
    {% for category,message in messages %}
      <div class="alert alert-{{category}}">{{message}}</div>
    {% endfor %}
  {% endif %}
  {% endwith %}

  <div class="form-group">
    <label>Username</label>
    <input type="text" name="name" class="form-control" required>
  </div>
  <div class="form-group">
    <label>Password</label>
    <input type="password" name="password" class="form-control" required>
  </div>
  <div class="form-group">
    <input type="submit" value="Login" class="btn btn-success btn-block">
    <a href="{{url_for('register')}}" class="btn btn-primary btn-block">Register</a>
  </div>
</form>
</div>
</div>
</div>
</body>
</html>
<script>
  $(document).ready(function(){
    $(".alert").hide(3000)
  });
</script>

```

Register->register.html

```

<html>
<head>
  <title>Registration</title>
  <link rel="stylesheet" href="{{url_for('static',filename='css/bootstrap.min.css')}}">
  <link rel="stylesheet" href="{{url_for('static',filename='myfont/css/all.min.css')}}">

  <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>
<style>
  .shadow{
    box-shadow:3px 3px 10px black;
    padding:30px;
  }
</style>
</head>
<body>
  <div class="container" style="margin-top:100px">
    <div class="col-md-offset-3 col-md-5">
      <div class="shadow">

```

```

<form method="POST" action="/register">
  <h2 class="page-header text-primary text-center">Registration</h2>
  <div class="form-group">
    <label>Name</label>
    <input type="text" class="form-control" name="name" required>
  </div>
  <div class="form-group">
    <label>Address</label>
    <textarea class="form-control" name="address" required></textarea>
  </div>
  <div class="form-group">
    <label>Contact</label>
    <input type="text" class="form-control" name="contact" required>
  </div>
  <div class="form-group">
    <label>password</label>
    <input type="text" class="form-control" name="password" required>
  </div>
  <div class="form-group">
    <input type="submit" class="btn btn-success btn-block" value="Register">
    <a href="{{url_for('index')}}" class="btn btn-primary btn-block">Back to Home</a>
  </div>
</form>
</div>
</div>
</body>
</html>
<script>
  $(document).ready(function(){
    $("form").attr("autocomplete","off");
  });
</script>

```

Output-> Customer.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Customer Page</title>
  <link rel="stylesheet" href="{{url_for('static',filename='css/bootstrap.min.css')}}">
  <link rel="stylesheet" href="{{url_for('static',filename='myfont/css/all.min.css')}}">
  <script src="{{url_for('static',filename='js/jquery.min.js')}}"></script>
</head>
<body>
  <div class="container">
    <div class="col-md-offset-3 col-md-5">
      <h2 class="page-header text-primary text-center">Customer Page</h2>
      <h3 class="text-success">We are happy to hear us from: {{session["name"]}}!!!!</h3>
      <hr>
      <a href="{{url_for('logout')}}" class="btn btn-primary btn-block">Logout</a>
    </div>
  </div>

```

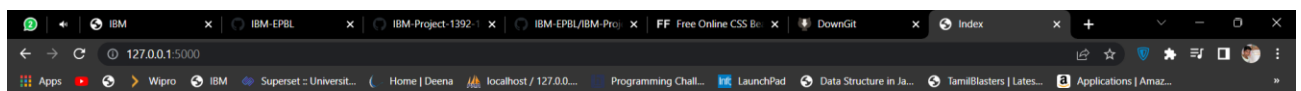
```
</body>  
</html>
```

SQL.py

```
import sqlite3  
  
conn=sqlite3.connect('database1.db')  
print("OPened")  
  
conn.execute('CREATE TABLE login1(username TEXT,pwd password)')  
print("Table success")  
conn.close()
```

OUTPUT:

LOGIN PAGE



CUSTOMER CARE REGISTRY

A login form titled 'Login' in blue text. It has two input fields: 'Username' with the value 'Deena' and 'Password' with masked characters '*****'. Below the fields are two buttons: a green 'Login' button and a blue 'Register' button.

REGISTER/SIGNUP PAGE

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/register". The browser tabs include "IBM", "IBM-EPBL", "IBM-Project-1392", "IBM-EPBL/IBM-Pro", "FF Free Online CSS B...", "DownGit", and "Registration". The registration form is centered on the page and contains the following fields and buttons:

- Name:** A text input field containing "Deena".
- Address:** A text input field containing "9/22, Sri Nagar Colony, B.K.Pudur, Kuniyamuthur, Coimbatore-641008".
- Contact:** A text input field containing "8508595288".
- password:** A text input field containing "Deena@0708".
- Buttons:** A green "Register" button and a blue "Back to Home" button.

The Windows taskbar at the bottom shows the system time as 16:29 on 07-11-2022.

CUSTOMER PAGE:

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/customer". The browser tabs include "IBM", "IBM-EPBL", "IBM-Project-1392", "IBM-EPBL/IBM-Pro", "FF Free Online CSS B...", "DownGit", and "Customer Page". The customer page has a dark background and contains the following elements:

- Header:** "Customer Page" in blue text.
- Message:** "We are happy to hear us from: Deena!!!!" in green text.
- Button:** A blue "Logout" button.

The Windows taskbar at the bottom shows the system time as 16:32 on 07-11-2022.

FLASK WORKING:

