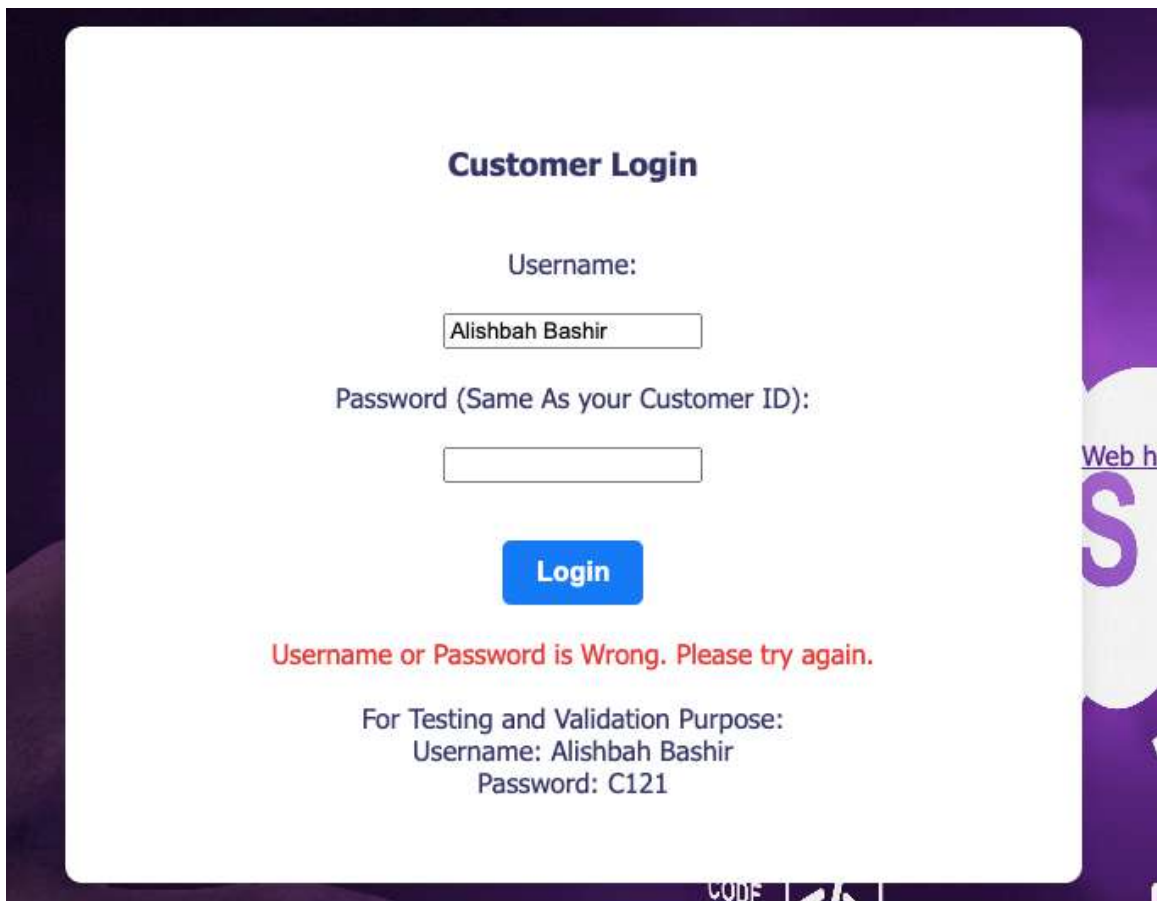


## Test Cases- SaaS Platform

---

### User Authentication (Username and Password):

Invalid Credentials not allowed:



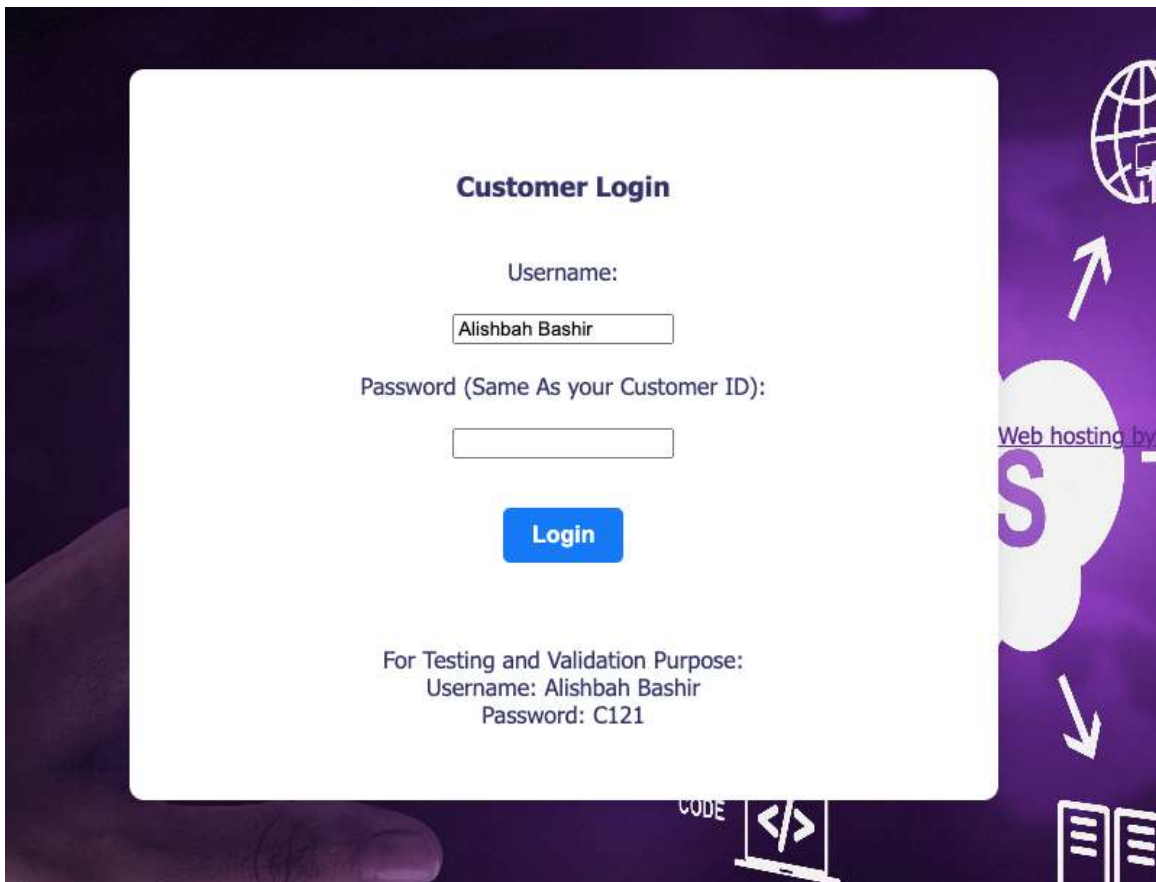
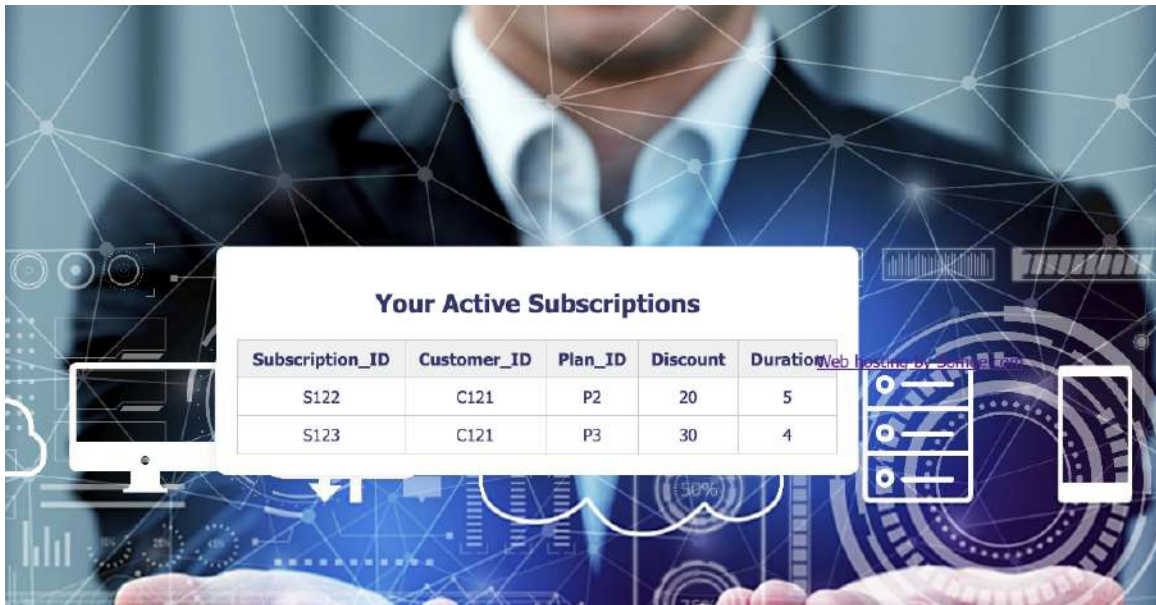
The screenshot displays a 'Customer Login' form with the following elements:

- Title:** Customer Login
- Username:** A text input field containing 'Alishbah Bashir'.
- Password:** A text input field with the placeholder text 'Password (Same As your Customer ID):'.
- Login Button:** A blue button labeled 'Login'.
- Error Message:** A red text message stating 'Username or Password is Wrong. Please try again.'
- Test Credentials:** Text at the bottom provides test details: 'For Testing and Validation Purpose: Username: Alishbah Bashir Password: C121'.

Partial text on the right edge of the image includes 'Web h' and a large 'S'.

### 2. Session Timeout for All Customer Pages (5 Minutes):

After 5 minutes this page redirects to customer login:

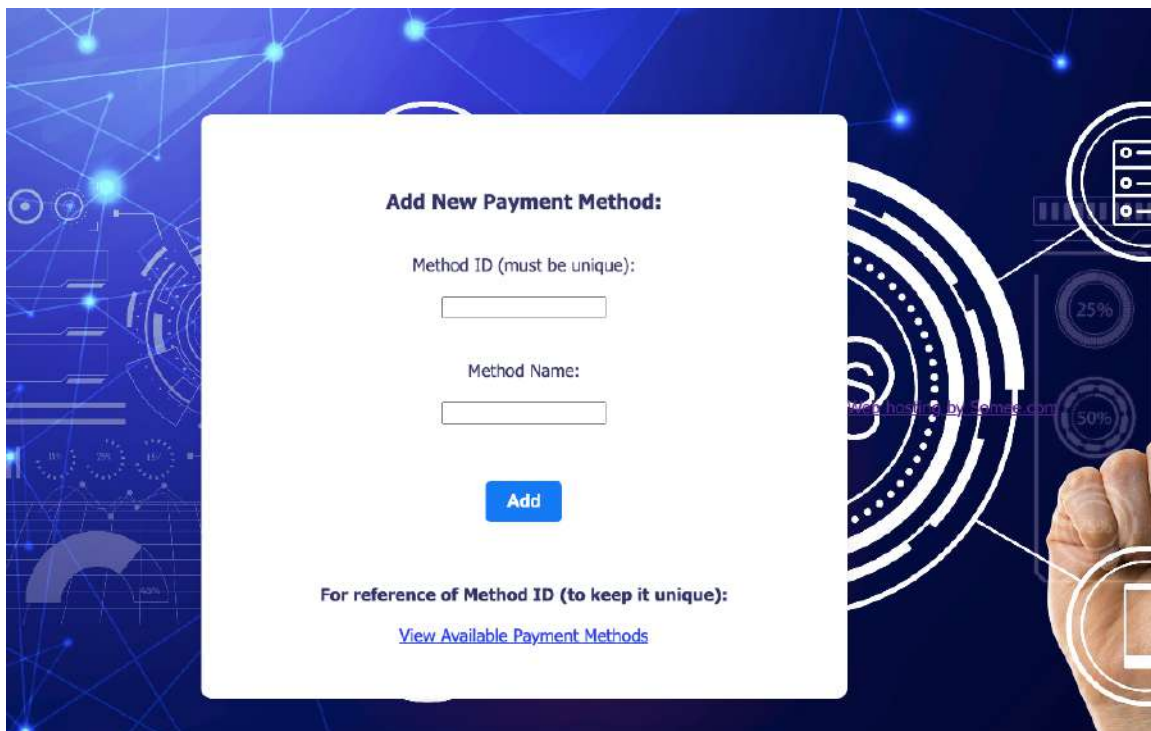


Name: web.config

```
<configuration>
  <system.web>
    <customErrors mode="Off"/>
    <compilation debug="true"/>
    <sessionState timeout="5" />
  </system.web>
</configuration>
```

### 3. Cookie Invalidation for All Admin Pages (5 Minutes):

After 5 minutes this page redirects to admin login:



**Enter Your Credentials:**

Username:

Password:

**Submit**

For Testing and Validation Purpose:  
Username: Admin  
Password: 1234

#### 4. Parameterized SQL Queries:

**Delete Payment Method:**

Enter Method ID to Delete:

**Delete Method**

Method Id Not Found

**For reference of Method ID:**  
[View Current Payment Methods](#)

Here is one sample chunk of code where I have applied the concept of parameterized SQL queries to prevent SQL injection:

```
Dim cmd As New SqlCommand("INSERT INTO PAYMENTMETHOD (Method_ID, MethodName) VALUES (@MethodID, @MethodName)", con)
cmd.Parameters.AddWithValue("@MethodID", txtMethodId.Text)
cmd.Parameters.AddWithValue("@MethodName", txtMethodName.Text)

Try
    con.Open()
    cmd.ExecuteNonQuery()
    lblMessage.ForeColor = Drawing.Color.Green
    lblMessage.Text = "Method Added"
```

## 5. Input Validation & Strong Password Enforcement:

**Sign Up As New Customer**

Username:

Username is required!

Password:

Password must be 8+ characters with at least 1 letter and 1 digit

Email:

Invalid email!

Cell No:

Enter a valid Pakistan number (e.g., +923001234567)

Account No:

Account Number is required!

City:

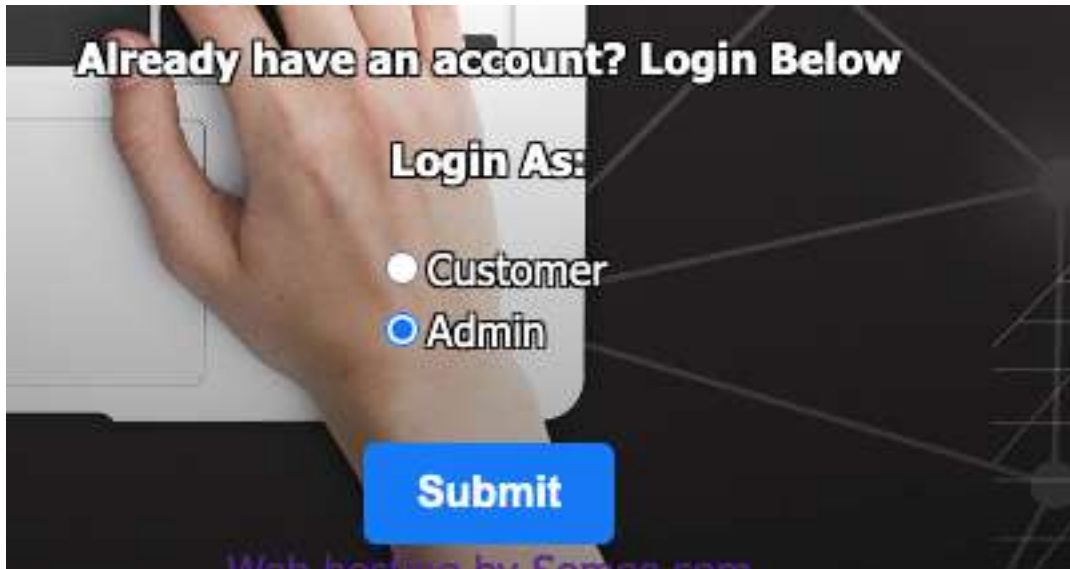
Country:

[Add](#)

[Go to Login Page](#)

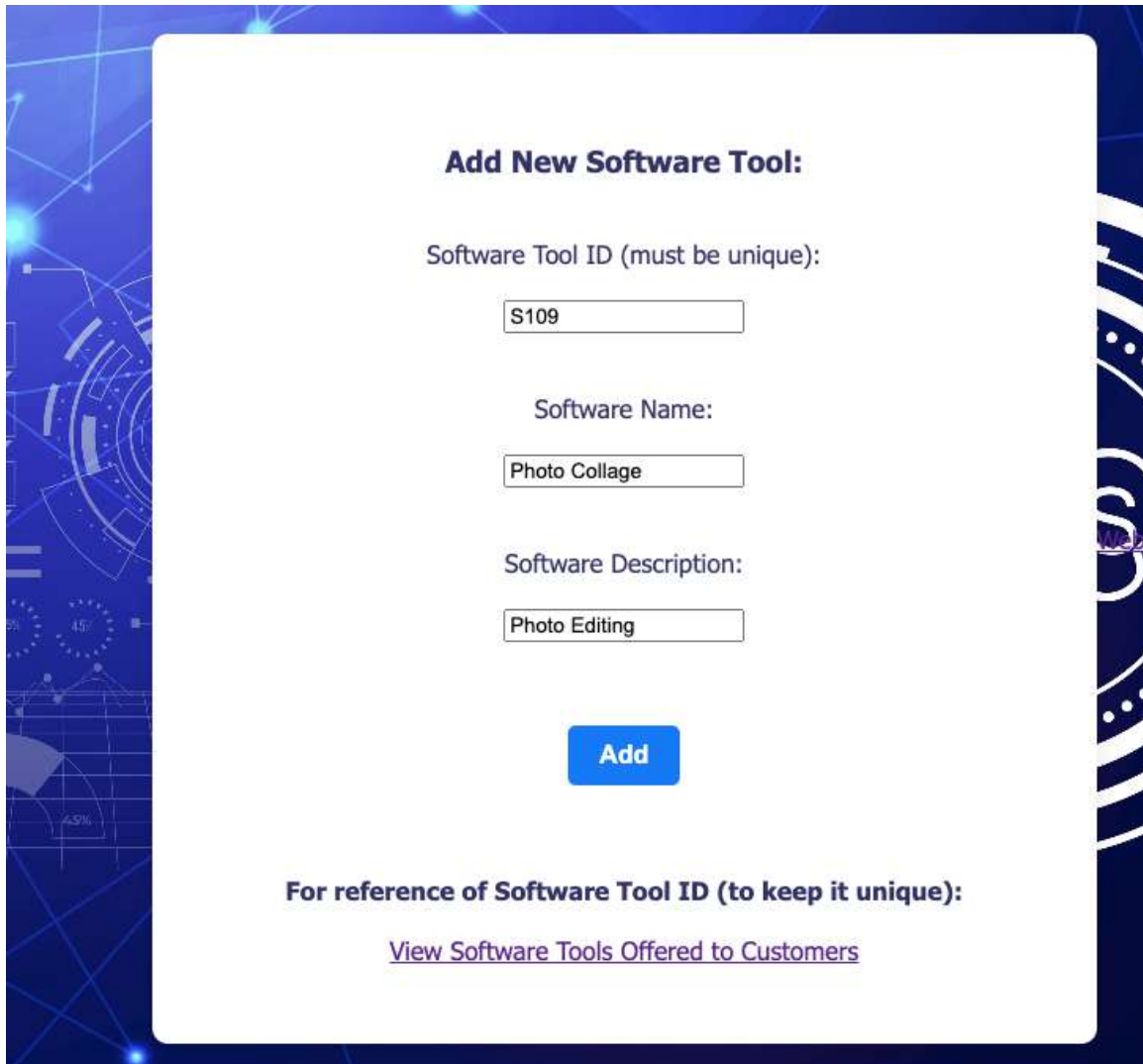


## 6. Role-Based Access Control (RBAC):



## 7. Encrypted ViewState:

Name:	<u>a_menu.aspx</u>
<pre>&lt;%@ Page Language="VB" AutoEventWireup="false" CodeFile="a_menu.aspx.vb" Inherits="a_menu" EnableViewState="true" ViewStateEncryptionMode="Always"%&gt;</pre>	



**Add New Software Tool:**

Software Tool ID (must be unique):

Software Name:

Software Description:

**For reference of Software Tool ID (to keep it unique):**

[View Software Tools Offered to Customers](#)

## 8. SSL Certificate (HTTPS):

<https://alishbahbashir.somee.com/>