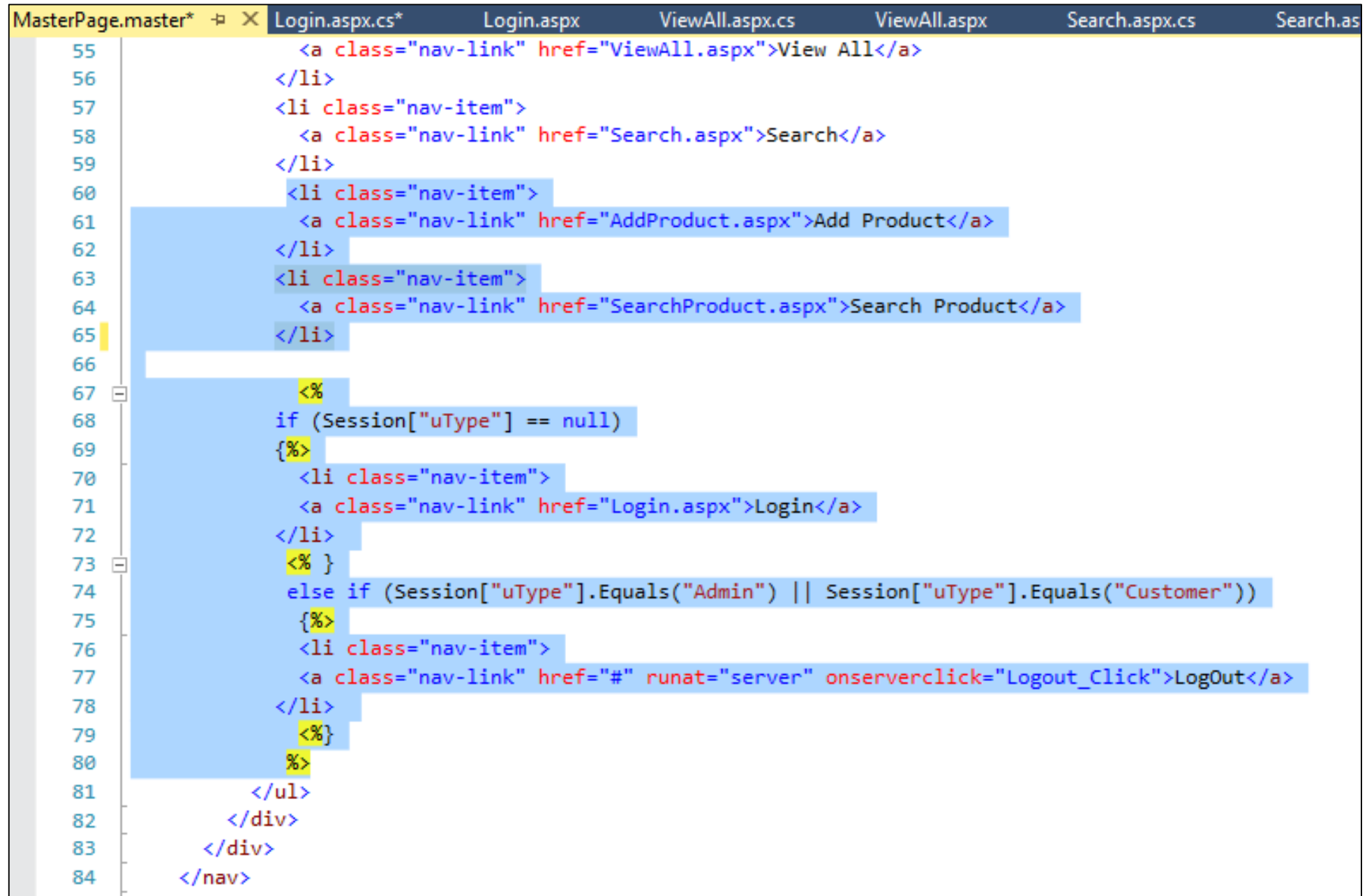


Login & Forgot Password with Session

- Edit *MasterPage.master* as follow :



```
MasterPage.master*  Login.aspx.cs*  Login.aspx  ViewAll.aspx.cs  ViewAll.aspx  Search.aspx.cs  Search.aspx
55      <a class="nav-link" href="ViewAll.aspx">View All</a>
56  </li>
57  <li class="nav-item">
58      <a class="nav-link" href="Search.aspx">Search</a>
59  </li>
60  <li class="nav-item">
61      <a class="nav-link" href="AddProduct.aspx">Add Product</a>
62  </li>
63  <li class="nav-item">
64      <a class="nav-link" href="SearchProduct.aspx">Search Product</a>
65  </li>
66
67  <%
68      if (Session["uType"] == null)
69      {
70          <li class="nav-item">
71              <a class="nav-link" href="Login.aspx">Login</a>
72          </li>
73      }
74      else if (Session["uType"].Equals("Admin") || Session["uType"].Equals("Customer"))
75      {
76          <li class="nav-item">
77              <a class="nav-link" href="#" runat="server" onclick="Logout_Click">Logout</a>
78          </li>
79      }
80  }
81  </ul>
82  </div>
83  </div>
84  </nav>
```

- Go to MasterPage.master.cs and the following:

```
protected void Logout_Click(object sender, EventArgs e)
{
    Session.Abandon();
    Response.Redirect("Login.aspx");
}
```

Create Login.aspx page

- Add a new form “Login.aspx” by using *MasterPage.master*. Change the page title in Properties to “Login”.

The screenshot shows the Visual Studio IDE with the following tabs: Login.aspx.cs, Login.aspx (selected), ViewAll.aspx.cs, ViewAll.aspx, Search.aspx.cs, and Se. The design view of Login.aspx is displayed, showing a 'WAPP Website' header and a 'ContentPlaceHolder1 (Custom)' area. The form contains the following elements:

- LOGIN**: The main title of the form.
- Username :** Label for the first text input field.
- Password :** Label for the second text input field.
- txtUsername**: The first text input field.
- txtPassword**: The second text input field.
- [lblMessage]**: A label for a message, currently empty.
- btnLogin**: A button labeled 'Login'.
- btnReset**: A button labeled 'Reset'.
- LinkButton1**: A link button labeled 'Forgot Password?'.

Red arrows point to the controls with their respective IDs: txtUsername, txtPassword, lblMessage, btnLogin, btnReset, and LinkButton1.

- Add codes for btnLogin :

```
protected void btnLogin_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);
    con.Open();
    SqlCommand cmd = new SqlCommand("select count(*) from Users where username = '" + txtUsername.Text + "' and password = '" + txtPassword.Text + "'", con);
    int count = Convert.ToInt32(cmd.ExecuteScalar().ToString());

    if (count > 0)
    {
        SqlCommand cmdType = new SqlCommand("select usertype from Users where username = '" + txtUsername.Text + "'", con);
        string uType = cmdType.ExecuteScalar().ToString().Replace(" ", "");
        Session["uType"] = uType;

        Response.Redirect("Home.aspx");
    }
    else
    {
        lblMessage.ForeColor = System.Drawing.Color.Red;
        lblMessage.Text = "Login Failed!";
    }
    con.Close();
}
```

- Add codes for LinkButton1 :

```
protected void LinkButton1_Click(object sender, EventArgs e)
{
    Response.Redirect("ForgotPassword.aspx");
}
```

- Add codes for btnReset (refer to previous lab material).

- Go to ViewAll.aspx.cs and update Page_Load():

```
protected void Page_Load(object sender, EventArgs e)
{
    if(Session["uType"] == null || !Session["uType"].Equals("Customer"))
        Response.Redirect("Login.aspx");
}
```

- Go to Search.aspx.cs and update Page_Load():

```
protected void Page_Load(object sender, EventArgs e)
{
    if (Session["uType"] == null || !Session["uType"].Equals("Admin"))
        Response.Redirect("Login.aspx");

    Panel1.Visible = false;
}
```

Create ForgotPassword.aspx page

- Add a new form “ForgotPassword.aspx” by using *MasterPage.master*. Change the page title in Properties to “Forgot Password”.

ForgotPassword.aspx.cs ForgotPassword.aspx

WAPP Website

ContentPlaceHolder1 (Custom)

FORGOT PASSWORD

Email :

Submit Reset

[lblMessage]

txtEmail

btnSubmit lblMessage btnReset

- Add the following for btnSubmit :

```
protected void btnSubmit_Click(object sender, EventArgs e)
{
    string username = "";
    string password = "";
    SqlConnection con = new SqlConnection(ConfigurationManager.ConnectionStrings["ConnectionString"].ConnectionString);
    SqlCommand cmd = new SqlCommand("select username, password from Users where email=@email", con);
    cmd.Parameters.AddWithValue("@email", txtEmail.Text);
    con.Open();
    using (SqlDataReader sdr = cmd.ExecuteReader())
    {
        if (sdr.Read())
        {
            username = sdr["username"].ToString();
            password = sdr["password"].ToString();
        }
    }
    con.Close();
}
```

- Cont...

```
if (!string.IsNullOrEmpty(password))
{
    MailMessage msg = new MailMessage();
    msg.From = new MailAddress("dummy@mail.com"); //dummy email add
    msg.To.Add(txtEmail.Text);
    msg.Subject = " Recover your Password";
    msg.Body = ("Your username: " + username + "<br/><br/>" + "Your password: " + password);
    msg.IsBodyHtml = true;

    SmtplibClient smt = new SmtplibClient();
    smt.Host = "smtp.gmail.com";
    System.Net.NetworkCredential ntwd = new NetworkCredential();
    ntwd.UserName = "dummy@mail.com"; //dummy email add
    ntwd.Password = "dummyspassword"; // password
    smt.UseDefaultCredentials = true;
    smt.Credentials = ntwd;
    smt.Port = 587;
    smt.EnableSsl = true;
    smt.Send(msg);
    lblMessage.ForeColor = System.Drawing.Color.ForestGreen;
    lblMessage.Text = "Username and Password Sent Successfully";
}
}
```

- Test Login and Forgot Password pages.