|  |  |
| --- | --- |
| **Team:** | **Team C** |
| **Team Members:** | **Jeremy Adams, Taunyl Bailey, Tim Olson, Rachel Spiegelhoff** |
| **Date:** | **8/17/2014** |
| **Project Title:** | **Taylor’s Professional Services – Web Site eCommerce** |

**Component/Unit Code**

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# MasterPage.master

<%@ Master Language="C#" AutoEventWireup="true" CodeFile="MasterPage.master.cs" Inherits="MasterPage" %>

<!--

DeVry Senior Project

CIS 470 - July 2014

Team C

Jeremy Adams

Taunyl Bailey

Tim Olson

Rachel Spiegelhoff

-->

<%-- MasterPage.master

--------------------- Work Log -----------------------

7/18/2014 - JA - Designed and created main layout of website

7/18/2014 - JA - Added code to change visibility of buttons depending on if user is logged in

7/21/2014 - JA - Fixed login button

7/22/2014 - JA - Added meta description and keywords

--%>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<meta charset="utf-8" />

<meta name="description" content="Taylor's Professional Services is a fictional technical and engineering staffing service that was created for DeVry senior projects. TPSonline.us was developed by Team C of a July 2014 CIS470 class." />

<meta name="keywords" content="Taylors, Taylor's, Professional, Services, staffing, DeVry, senior, project, tps, TPS, tpsonline, cis, 470, jeremy, adams, taunyl, bailey, tim, olson, rachel, spiegelhoff" />

<meta name="dc.keywords" content="Taylors, Taylor's, Professional, Services, staffing, DeVry, senior, project, tps, TPS, tpsonline, cis, 470, jeremy, adams, taunyl, bailey, tim, olson, rachel, spiegelhoff" />

<meta name="robots" content="ALL" />

<meta name="author" content="Team C: Jeremy Adams, Taunyl Bailey, Tim Olson, Rachel Spiegelhoff" />

<meta name="msvalidate.01" content="A1D20EB447B531BFDB032AA0018CC5AD" />

<meta name="google-site-verification" content="hI4kjdDeSgYSBeJKsA2APcEPy467MRXk\_cpAiPPKY6M" />

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.2/jquery.min.js"></script>

<link href="~/style.css" rel="stylesheet" type="text/css" media="screen" />

<title>Taylor's Professional Services</title>

</head>

<body>

<form id="form1" runat="server" enctype="multipart/form-data">

<div class="wrap"><%-- holds all content --%>

<div class="logo-container"><%-- container to align logo properly with page content --%>

<%-- TPS Logo --%>

<asp:Image ID="Image2" runat="server" BorderWidth="0px" ImageUrl="~/images/logo.png" />

</div>

<div class="top-bar"><%-- black nav bar at top of page --%>

<div class="nav-container"><%-- Keeps nav content aligned properly --%>

<div id="nav-left" class="float-left"><%-- Normal Navigation buttons --%>

<asp:Button ID="BtnHome" class="btn btn-nav" runat="server" Text="Home" PostBackUrl="~/Default.aspx" />

<asp:Button ID="BtnSearch" class="btn btn-nav" runat="server" Text="Search" PostBackUrl="~/Search.aspx" />

<asp:Button ID="BtnContract" class="btn btn-nav" runat="server" Text="Contracts" PostBackUrl="~/Manage\_contracts.aspx" />

<asp:Button ID="BtnClient" class="btn btn-nav" runat="server" Text="Company" PostBackUrl="~/Update\_client.aspx" />

<asp:Button ID="BtnRequests" class="btn btn-nav" runat="server" Text="Requests" PostBackUrl="~/View\_requests.aspx" />

<asp:Button ID="BtnStaff" class="btn btn-nav" runat="server" Text="Resume" PostBackUrl="~/Update\_staff.aspx" />

</div>

<div id="nav-right" class="float-right"><%-- Account Navigation Buttons --%>

<asp:Button ID="BtnAcct" class="btn btn-primary" runat="server" Text="Account" PostBackUrl="~/Account.aspx" />

<asp:Button ID="BtnLogout" class="btn btn-primary" runat="server" Text="Logout" OnClick="BtnLogout\_Click" />

<asp:Button ID="BtnReg" class="btn btn-primary" runat="server" Text="Register" PostBackUrl="~/Register.aspx" />

<asp:Button ID="BtnLogin" class="btn btn-primary" runat="server" Text="Sign In" PostBackUrl="~/Login.aspx" /><%-- Temporary quick manager login --%>

</div>

</div>

</div>

<div class="main-container float-clear"><%-- Content Pages Displayed Here --%>

<asp:ContentPlaceHolder id="main" runat="server">

</asp:ContentPlaceHolder>

</div>

<div class="footer"><%-- Footer Content --%>

2014 Taylor's Professional Services<br />

DeVry - Senior Project<br />

Team C: Jeremy Adams, Taunyl Bailey, Tim Olson, Rachel Spiegelhoff<br />

<br />

Contact Us: <a href="mailto:info@tpsonline.us">info@tpsonline.us</a>

</div>

</div>

</form>

</body>

</html>

## MasterPage.master.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Security.Cryptography;

using System.Text;

public partial class MasterPage : System.Web.UI.MasterPage

{

protected void Page\_Load(object sender, EventArgs e)

{

this.Update\_Btn\_Visibility();

}

// Used to show/hide buttons based on user session

protected void Update\_Btn\_Visibility()

{

if (Session["account"] == null) // If user logged in

{

// Hide

BtnAcct.Visible = false;

BtnLogout.Visible = false;

BtnSearch.Visible = false;

BtnClient.Visible = false;

BtnContract.Visible = false;

BtnRequests.Visible = false;

BtnStaff.Visible = false;

// Show

BtnReg.Visible = true;

BtnLogin.Visible = true;

}

else // If user logged out

{

// Show

BtnAcct.Visible = true;

BtnLogout.Visible = true;

BtnSearch.Visible = true;

// Hide

BtnReg.Visible = false;

BtnLogin.Visible = false;

string acctType = Session["account"].ToString();

if (acctType == "manager") // If user is manager

{

BtnClient.Visible = false;

BtnContract.Visible = true;

BtnRequests.Visible = true;

BtnStaff.Visible = false;

}

else if (acctType == "client") // if user is client

{

BtnClient.Visible = true;

BtnContract.Visible = true;

BtnRequests.Visible = false;

BtnStaff.Visible = false;

}

else if (acctType == "staff") // if user is staff

{

BtnClient.Visible = false;

BtnContract.Visible = false;

BtnRequests.Visible = true;

BtnStaff.Visible = true;

}

else

{

BtnClient.Visible = false;

BtnContract.Visible = false;

BtnRequests.Visible = false;

BtnStaff.Visible = false;

}

}

}

protected void BtnLogout\_Click(object sender, EventArgs e)

{

Session["account"] = null;

Session["userid"] = null;

Session["username"] = null;

Response.Redirect("~/Default.aspx");

}

}

# Default.aspx

<%@ Page Title="Taylor's Professional Services - DeVry Senior Project" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="Default.aspx.cs" Inherits="\_Default" %>

<asp:Content ID="Content1" ContentPlaceHolderID="main" Runat="Server">

<div class="content-header">Welcome</div>

<div class="content">

<div class="float-left"></div>

<div class="float-left">

<img src="images/staff.jpg" border="0" class="float-right"/>

Welcome to Taylor's Professional Services (TPS)!<br /><br />

TPS is a technical and engineering staffing service. We are a full service staffing agency that strives to

link our highly qualified candidates with jobs with one of our many clients. We specialize in the technical and

engineering fields.<br /><br />

Whenever you are a company looking to become one of our clients or a professional looking to become one of our

candidates please click the register button in the upper right corner to get started or for more information please contact us at the following:

<br />

<br />

<div class="float-left" style="width:313px; margin-left:100px;">

Phone: 1-555-TPS-SVCS <br />

Email: <a href="mailto:info@tpsonline.us">info@tpsonline.us</a>

</div>

<br />

<br />

<br />

For our exsiting candidates and clients please click the SignIn button in the upper right corner to login to your account.<br /><br />

</div>

</div>

<div class="content-header float-clear">About Us</div>

<div class="content">

<div class="float-left" style="width:790px; margin:20px;" >

<img src="images/DeVry-University-Logo.png" border="0" class="float-left" style="margin:0px 20px 20px 0px;" /> Taylor&#39;s Professional Services is an E-Commerce Website that is a Senior project for a Computer Information Systems degree at DeVry University.&nbsp; The team that developed this website is Team C which consists of four individuals in the CIS470 class at DeVry.&nbsp; Below you will find the members of Team C, their specialization and graduation date.

</div>

<div class="float-left" style="width:390px; border:1px solid #474e49; margin:20px; padding:20px 0px;" >

<a href="https://www.linkedin.com/pub/jeremy-adams/a0/51/4b" target="\_blank">

<img src="images/jeremy\_avatar.jpg" border="0" style="width:96px;height:96px;margin:0px 20px;" class="float-left" />

Jeremy Adams</a><br />

Computer Information Systems<br />

Web Game Programming<br />

August 2014<br />

</div>

<div class="float-left" style="width:390px; border:1px solid #474e49; margin:20px; padding:20px 0px;" >

<a href="" target="\_blank" >

<img src="images/female\_avatar.jpg" border="0" style="width:96px;height:96px;margin:0px 20px;" class="float-left" />

Taunyl Bailey</a><br />

Computer Information Systems<br />

Information Security<br />

August 2014<br />

</div>

<div class="float-left" style="width:390px; border:1px solid #474e49; margin:20px; padding:20px 0px;" >

<a href="" target="\_blank" >

<img src="images/male\_avatar.jpg" border="0" style="width:96px;height:96px;margin:0px 20px;" class="float-left" />

Tim Olson</a><br />

Computer Information Systems<br />

Information Systems Security<br />

August 2014<br />

</div>

<div class="float-left" style="width:390px; border:1px solid #474e49; margin:20px; padding:20px 0px;" >

<a href="" target="\_blank" >

<img src="images/female\_avatar.jpg" border="0" style="width:96px;height:96px;margin:0px 20px;" class="float-left" />

Rachel Spiegelhoff</a><br />

Computer Information Systems<br />

Web Development and Administration<br />

August 2014<br />

</div>

</div>

<div class="float-clear">&nbsp;</div>

</asp:Content>

# Register.aspx

<%@ Page Title="TPS - User Registration" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="Register.aspx.cs" Inherits="Register" %>

<asp:Content ID="Content1" ContentPlaceHolderID="main" Runat="Server">

<!--

DeVry Senior Project

CIS 470

Team C

Jeremy Adams

Taunyl Bailey

Tim Olson

Rachel Spiegelhoff

-->

<!-- Register.aspx

--------------------- Work Log -----------------------

7/20/2014 - JA - Design and Build Registration form

7/21/2014 - JA - Add validation and encryption code and DB Inserts

7/22/2014 - JA - Added a panel to allow submitting on user pressing Enter

-->

<div class="content-header">User Registration</div>

<div class="content">

<asp:Panel ID="PnlRegister" runat="server" DefaultButton="btnRegister">

<asp:Label ID="lblError" runat="server" Font-Bold="True" ForeColor="Red"></asp:Label>

<table>

<tr>

<td style="width: 132px; text-align: right;">Account Type:&nbsp;</td>

<td style="width: 204px">

<asp:RadioButton ID="RadioStaff" runat="server" AutoPostBack="true" GroupName="RadioAccount" Text="&nbsp;Staff - Looking for Work" OnCheckedChanged="RadioAccount\_CheckedChanged" Checked="true" />

<br />

<asp:RadioButton ID="RadioClient" runat="server" AutoPostBack="true" GroupName="RadioAccount" Text="&nbsp;Client - Looking to Hire" OnCheckedChanged="RadioAccount\_CheckedChanged" />

<br />

<asp:RadioButton ID="RadioManager" runat="server" AutoPostBack="true" GroupName="RadioAccount" Text="&nbsp;Manager - TPS Employee" OnCheckedChanged="RadioAccount\_CheckedChanged" />

</td>

<td style="width: 558px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">&nbsp;</td>

<td style="width: 204px">

&nbsp;</td>

<td style="width: 558px">

&nbsp;</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">

<asp:Label ID="lblAdminKey" runat="server" Text="Manager Code:&nbsp;"></asp:Label>

</td>

<td style="width: 204px">

<asp:TextBox ID="txtAdminKey" runat="server"></asp:TextBox>

</td>

<td style="width: 558px">

<asp:CustomValidator ID="ManagerCodeValidator" runat="server" ErrorMessage="\* Invalid Manager Code" OnServerValidate="checkManagerCode\_ServerValidate" Display="Dynamic" ForeColor="Red"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">Username:&nbsp;</td>

<td style="width: 204px"> <asp:TextBox ID="txtUsername" runat="server"></asp:TextBox>

</td>

<td style="width: 558px">

<div id="UsernameStatus">

<asp:CustomValidator ID="UsernameValidator" runat="server" ErrorMessage="\* Username not available" ForeColor="Red" OnServerValidate="UsernameValidator\_ServerValidate"></asp:CustomValidator>

</div>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right; height: 22px;">Password:&nbsp;</td>

<td style="width: 204px; height: 22px;"><asp:TextBox ID="txtPwd" runat="server" TextMode="Password"></asp:TextBox></td>

<td style="width: 558px; height: 22px;">

<asp:Label ID="lblWeak" style="display:none;" runat="server" BackColor="Red" Font-Bold="True" ForeColor="Black" Visible="true" Text="&amp;nbsp;Weak&amp;nbsp;"></asp:Label>

<asp:Label ID="lblGood" style="display:none;" runat="server" BackColor="Yellow" Font-Bold="True" ForeColor="Black" Visible="true" Text="&amp;nbsp;Good&amp;nbsp;"></asp:Label>

<asp:Label ID="lblStrong" style="display:none;" runat="server" BackColor="#00CC00" Font-Bold="True" ForeColor="Black" Visible="true" Text="&amp;nbsp;Strong&amp;nbsp;"></asp:Label>

<asp:CustomValidator ID="PwdStrngthValidator" runat="server" ErrorMessage="\* Passwords should contain at least 1 Upper Case letter, 1 Number and no spaces." Font-Bold="False" ForeColor="Red" OnServerValidate="PwdStrngthValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">Re-type Password:&nbsp;</td>

<td style="width: 204px"><asp:TextBox ID="txtPwd2" runat="server" TextMode="Password"></asp:TextBox></td>

<td style="width: 558px">

<asp:CustomValidator ID="PwdMatchValidator" runat="server" ErrorMessage="\* Passwords do not match" ForeColor="Red" OnServerValidate="PwdMatchValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">&nbsp;</td>

<td style="width: 204px">&nbsp;</td>

<td style="width: 558px">&nbsp;</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">First Name:&nbsp;</td>

<td style="width: 204px"><asp:TextBox ID="txtFname" runat="server"></asp:TextBox>

</td>

<td style="width: 558px">

<asp:CustomValidator ID="FnameValidator" runat="server" ErrorMessage="\* This field cannot be empty" ForeColor="Red" OnServerValidate="FnameValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">Last Name:&nbsp;</td>

<td style="width: 204px">

<asp:TextBox ID="txtLname" runat="server"></asp:TextBox>

</td>

<td style="width: 558px">

<asp:CustomValidator ID="LnameValidator" runat="server" ErrorMessage="\* This field cannot be empty" ForeColor="Red" OnServerValidate="LnameValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">Phone:&nbsp;</td>

<td style="width: 204px">

<asp:TextBox ID="txtPhone" runat="server"></asp:TextBox>

</td>

<td style="width: 558px">

<asp:CustomValidator ID="PhoneValidator" runat="server" ErrorMessage="\* Invalid phone number - Must be a 10 digit number with no spaces or dashes" ForeColor="Red" OnServerValidate="PhoneValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">E-Mail:&nbsp;</td>

<td style="width: 204px">

<asp:TextBox ID="txtEmail" runat="server"></asp:TextBox>

</td>

<td style="width: 558px">

<asp:CustomValidator ID="EmailValidator" runat="server" ErrorMessage="\* Invalid E-mail address" ForeColor="Red" OnServerValidate="EmailValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">&nbsp;</td>

<td style="width: 204px">

&nbsp;</td>

<td style="width: 558px">&nbsp;</td>

</tr>

<tr>

<td style="width: 132px; text-align: right;">&nbsp;</td>

<td style="width: 204px">

<asp:Button ID="BtnRegister" class="btn btn-primary" runat="server" Text="Register" OnClick="BtnRegister\_Click" />

</td>

<td style="width: 558px">&nbsp;</td>

</tr>

</table>

<br />

<br />

</asp:Panel>

</div>

<script type="text/javascript">

// Calculates Password strength

function strengthCheck(pass) {

var strength = 0;

var arr = [/[a-z]+/, /[0-9]+/, /[A-Z]+/];

jQuery.map(arr, function (regexp) {

if (pass.match(regexp))

strength++;

});

// Returns 0-3, Weak-Strong

return strength;

}

// Check Password Strength

$('#main\_txtPwd').keyup(function () {

$('#main\_PwdStrngthValidator').hide();

var pwd = $('#main\_txtPwd').val();

var strength = strengthCheck(pwd);

if (pwd.length >= 6 && pwd.indexOf(" ") == -1) { // if password is greater than 8 characters and no spaces

if (strength >= 3) { // STRONG

$('#main\_lblWeak').hide();

$('#main\_lblGood').hide();

$('#main\_lblStrong').show();

}

else if (strength == 2) { // GOOD

$('#main\_lblWeak').hide();

$('#main\_lblGood').show();

$('#main\_lblStrong').hide();

}

else { // WEAK

$('#main\_lblWeak').show();

$('#main\_lblGood').hide();

$('#main\_lblStrong').hide();

}

}

else { // WEAK

$('#main\_lblWeak').show();

$('#main\_lblGood').hide();

$('#main\_lblStrong').hide();

}

});

</script>

</asp:Content>

## Register.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

using System.Configuration;

using System.ComponentModel;

using System.Security.Cryptography;

using System.Text;

using System.Text.RegularExpressions;

public partial class Register : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (Session["account"] != null)

{

Response.Redirect("~/Default.aspx");

}

else

{

lblAdminKey.Visible = RadioManager.Checked;

txtAdminKey.Visible = RadioManager.Checked;

}

}

private static string GetConnectionString()

{

return ConfigurationManager.ConnectionStrings["tpsonlineConnectionString"].ConnectionString;

}

protected void BtnRegister\_Click(object sender, EventArgs e)

{

if (IsValid)

{

int salt = (DateTime.Now.Millisecond + 5) \* (DateTime.Now.Hour + 5) \* (DateTime.Now.Minute + 5);

string pwd = this.HashPass(txtPwd.Text, salt);

int account = 3;

string accountName = "";

if (RadioManager.Checked) { account = 1; accountName = "manager"; }

else if (RadioClient.Checked) { account = 2; accountName = "client"; }

else { account = 3; accountName = "staff"; }

string SqlString = "INSERT INTO [user] (username, pwd, salt, account, fname, lname, phone, email) VALUES (@username, @pwd, @salt, @account, @fname, @lname, @phone, @email)";

SqlCommand cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("username", txtUsername.Text);

cmd.Parameters.AddWithValue("pwd", pwd);

cmd.Parameters.AddWithValue("salt", salt);

cmd.Parameters.AddWithValue("account", account);

cmd.Parameters.AddWithValue("fname", txtFname.Text);

cmd.Parameters.AddWithValue("lname", txtLname.Text);

cmd.Parameters.AddWithValue("phone", txtPhone.Text);

cmd.Parameters.AddWithValue("email", txtEmail.Text);

cmd.Connection.Open();

//cmd.ExecuteNonQuery();

if (cmd.ExecuteNonQuery().Equals(1))

{

int userid = 0;

SqlString = "SELECT \* FROM [user] WHERE [username] = @username";

cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("username", txtUsername.Text);

cmd.Connection.Open();

SqlDataReader dr = cmd.ExecuteReader(CommandBehavior.CloseConnection);

if (dr.Read() == true)

{

userid = Int32.Parse(dr["userid"].ToString());

if (account == 3) // Insert userid into Staff table

{

SqlString = "INSERT INTO [staff] (userid, pic, status) VALUES (@userid, @pic, 0)";

cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("userid", userid);

cmd.Parameters.AddWithValue("pic", "~/images/user/Default.jpg");

cmd.Connection.Open();

cmd.ExecuteNonQuery();

Session["userid"] = userid;

Session["username"] = txtUsername.Text;

Session["account"] = accountName;

Response.Redirect("~/Update\_staff.aspx");

}

else if (account == 2) // Insert userid into Client table

{

SqlString = "INSERT INTO [client] (userid) VALUES (@userid)";

cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("userid", userid);

cmd.Connection.Open();

cmd.ExecuteNonQuery();

Session["userid"] = userid;

Session["username"] = txtUsername.Text;

Session["account"] = accountName;

Response.Redirect("~/Update\_client.aspx");

}

else // If Manager

{

Session["userid"] = userid;

Session["username"] = txtUsername.Text;

Session["account"] = accountName;

Response.Redirect("~/View\_requests.aspx");

}

}

else

{

lblError.Text = "An error occurred with the database, Please try again at another time.";

}

dr.Close();

}

else // If user was not able to be saved to database

{

lblError.Text = "There was an error, Please try again.";

}

}

}

protected void RadioAccount\_CheckedChanged(object sender, EventArgs e)

{

lblAdminKey.Visible = RadioManager.Checked;

txtAdminKey.Visible = RadioManager.Checked;

}

// If Manager account is being created, check to see if this is a valid user

protected void checkManagerCode\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (RadioManager.Checked && txtAdminKey.Text != "cis470")

{

args.IsValid = false;

}

else

{

args.IsValid = true;

}

}

protected string HashPass(string pwd, int salt)

{

byte[] pwdBytes = Encoding.ASCII.GetBytes(String.Concat(pwd, salt.ToString()));

SHA1 sha = new SHA1CryptoServiceProvider();

byte[] SHA1pwd = sha.ComputeHash(pwdBytes);

pwd = BitConverter.ToString(SHA1pwd).Replace("-", "");

return pwd;

}

protected void UsernameValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (txtUsername.Text.Length > 0)

{

string SqlString = "SELECT \* FROM [user] WHERE [username] = @username";

SqlCommand cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("username", txtUsername.Text);

cmd.Connection.Open();

SqlDataReader dr = cmd.ExecuteReader(CommandBehavior.CloseConnection);

if (dr.Read() == true)

{

UsernameValidator.Text = "\* Username not available";

args.IsValid = false;

}

else

{

args.IsValid = true;

}

dr.Close();

}

else

{

args.IsValid = false;

UsernameValidator.Text = "\* Username cannot be empty";

}

}

protected void PwdStrngthValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

int Strength = 0;

if (txtPwd.Text.Length < 6 || Regex.IsMatch(txtPwd.Text, @"\s"))

{

args.IsValid = false;

}

else

{

if (Regex.IsMatch(txtPwd.Text, @"[a-z]"))

{

Strength++;

}

if (Regex.IsMatch(txtPwd.Text, @"[A-Z]"))

{

Strength++;

}

if (Regex.IsMatch(txtPwd.Text, @"[0-9]"))

{

Strength++;

}

if (Strength < 2)

{

args.IsValid = false;

}

}

}

protected void PwdMatchValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (txtPwd.Text != txtPwd2.Text)

{

args.IsValid = false;

}

}

protected void FnameValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (txtFname.Text.Length < 1)

{

args.IsValid = false;

}

}

protected void LnameValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (txtLname.Text.Length < 1)

{

args.IsValid = false;

}

}

protected void PhoneValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (txtPhone.Text.Length < 10)

{

args.IsValid = false;

}

}

protected void EmailValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (!IsValidEmail(txtEmail.Text))

{

args.IsValid = false;

}

}

public static bool IsValidEmail(string email)

{

return Regex.IsMatch(email, @"^[-!#$%&'\*+/0-9=?A-Z^\_a-z{|}~](\.?[-!#$%&'\*+/0-9=?A-Z^\_a-z{|}~])\*@[a-zA-Z](-?[a-zA-Z0-9])\*(\.[a-zA-Z](-?[a-zA-Z0-9])\*)+$");

}

}

# Login.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="Login.aspx.cs" Inherits="Login" %>

<asp:Content ID="Content1" ContentPlaceHolderID="main" Runat="Server">

<!--

DeVry Senior Project

CIS 470

Team C

Jeremy Adams

Taunyl Bailey

Tim Olson

Rachel Spiegelhoff

-->

<!-- Login.aspx

--------------------- Work Log -----------------------

7/22/2014 - JA - Added user authentication forms and validation code

-->

<div class="content-header">User Authorization</div>

<div class="content" style="text-align: center">

<asp:Panel ID="PnlLogin" runat="server" DefaultButton="btnLogin">

<asp:Label ID="lblError" runat="server" ForeColor="Red"></asp:Label>

<table>

<tr>

<!-- Username form field -->

<td style="text-align: right; width: 468px">Username:&nbsp;</td>

<td style="width: 148px">

<asp:TextBox ID="txtUsername" runat="server"></asp:TextBox>

</td>

<td style="width: 478px; text-align: left;">

&nbsp;</td>

</tr>

<tr>

<!-- Password form field -->

<td style="text-align: right; width: 468px">Password:&nbsp;</td>

<td style="width: 148px">

<asp:TextBox ID="txtPwd" runat="server" TextMode="Password"></asp:TextBox>

</td>

<td style="width: 478px; text-align: left;">&nbsp;</td>

</tr>

<tr>

<td style="width: 468px">&nbsp;</td>

<td style="width: 148px">

&nbsp;</td>

<td style="width: 478px">&nbsp;</td>

</tr>

<tr>

<!-- Login Button -->

<td style="width: 468px">&nbsp;</td>

<td style="width: 148px">

<asp:Button ID="BtnLogin" runat="server" class="btn btn-primary" OnClick="BtnLogin\_Click" Text="Login" />

</td>

<td style="width: 478px">&nbsp;</td>

</tr>

</table>

</asp:Panel>

</div>

</asp:Content>

## Login.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

using System.Configuration;

using System.ComponentModel;

using System.Security.Cryptography;

using System.Text;

public partial class Login : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

lblError.Visible = false;

}

protected void BtnLogin\_Click(object sender, EventArgs e)

{

if (txtUsername.Text.Length > 0 && txtPwd.Text.Length > 0) // If username and password are not empty

{

// Retrieve data from database

string SqlString = "SELECT \* FROM [user] WHERE [username] = @username";

SqlCommand cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("username", txtUsername.Text);

cmd.Connection.Open();

SqlDataReader dr = cmd.ExecuteReader(CommandBehavior.CloseConnection);

if (dr.Read() == true) // if username found in database

{

string Pwd = dr["pwd"].ToString(); // Encrypted DB Password

int salt = Int32.Parse(dr["salt"].ToString()); // DB Salt

string UserPwd = this.HashPass(txtPwd.Text, salt); // Call encryption function

if (UserPwd == Pwd) // If passwords match Set Session with appropriate account level

{

if (dr["account"].ToString() == "1") // Manager Account

{

Session["account"] = "manager";

}

else if (dr["account"].ToString() == "2") // Client Account

{

Session["account"] = "client";

}

else // 3 - Staff Account

{

Session["account"] = "staff";

}

// Save userid and username into a Session

Session["userid"] = Int32.Parse(dr["userid"].ToString());

Session["username"] = dr["username"].ToString();

// Redirect user to appropriate site

if (Session["account"].ToString() == "manager")

{

Response.Redirect("~/Manage\_contracts.aspx");

}

else if (Session["account"].ToString() == "client")

{

Response.Redirect("~/Manage\_contracts.aspx");

}

else

{

Response.Redirect("~/Search.aspx");

}

}

else // if passwords do not match

{

lblError.Text = "Invalid Login Information";

lblError.Visible = true;

}

}

else // if username not found

{

lblError.Text = "Invalid Login Information";

lblError.Visible = true;

}

dr.Close();

}

else // if either username or password are empty

{

lblError.Text = "Required field missing";

lblError.Visible = true;

}

}

// encrypt password and salt

protected string HashPass(string pwd, int salt)

{

byte[] pwdBytes = Encoding.ASCII.GetBytes(String.Concat(pwd, salt.ToString()));

SHA1 sha = new SHA1CryptoServiceProvider();

byte[] SHA1pwd = sha.ComputeHash(pwdBytes);

pwd = BitConverter.ToString(SHA1pwd).Replace("-", "");

return pwd;

}

// retrieve connection string

private static string GetConnectionString()

{

return ConfigurationManager.ConnectionStrings["tpsonlineConnectionString"].ConnectionString;

}

}

# Update\_staff.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="Update\_staff.aspx.cs" Inherits="Update\_staff" %>

<asp:Content ID="Content1" ContentPlaceHolderID="main" Runat="Server">

<!--

DeVry Senior Project

CIS 470

Team C

Jeremy Adams

Taunyl Bailey

Tim Olson

Rachel Spiegelhoff

-->

<!-- Update\_staff.aspx

--------------------- Work Log -----------------------

7/23/2014 - JA - Setup form fields

7/24/2014 - JA - Implement image uploads

-->

<div class="content-header">

<asp:Label ID="lblName" runat="server" Text="Name"></asp:Label>

&nbsp;- Resume</div>

<div class="content">

<asp:Panel ID="PnlAccount" runat="server" DefaultButton="btnUpdate" style="text-align: center">

<asp:Label ID="lblError" runat="server" Font-Bold="True" ForeColor="Red"></asp:Label>

<br />

<table>

<tr>

<td style="width: 354px; height: 222px;">

<asp:Label ID="lblUsername" runat="server" style="text-align: left" Font-Bold="True" ForeColor="#7FB141"></asp:Label>

<br />ID:

<asp:Label ID="lblUserid" runat="server"></asp:Label>

<br />

<br />

<br />

<strong>Contact Info:</strong> <a href="Account.aspx">[edit]</a><br />

Phone:

<asp:Label ID="lblPhone" runat="server"></asp:Label>

<br />

E-Mail:

<asp:Label ID="lblEmail" runat="server"></asp:Label>

<br />

<br />

<br />

<br />

</td>

<td style="width: 190px; text-align: left; height: 222px;">

<asp:HiddenField ID="HiddenName" runat="server" />

<asp:HiddenField ID="HiddenPicSrc" runat="server" />

<asp:HiddenField ID="HiddenUserid" runat="server" />

<asp:HiddenField ID="HiddenUsername" runat="server" />

<asp:HiddenField ID="HiddenPhone" runat="server" />

<asp:HiddenField ID="HiddenEmail" runat="server" />

</td>

<td style="width: 264px; text-align: center; height: 222px;">

<asp:Image ID="ImgPic" runat="server" ImageUrl="~/images/male\_avatar.jpg" style="text-align: center" />

<br />

<asp:Label ID="lblUpload" runat="server" ForeColor="Red"></asp:Label>

<br />

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right; height: 22px;">&nbsp;</td>

<td style="text-align: center; width: 190px; height: 22px;">

&nbsp;</td>

<td style="width: 264px; height: 22px;">

<asp:FileUpload ID="FileImg" runat="server" Width="225px" />

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right; height: 22px;"></td>

<td style="text-align: center; width: 190px; height: 22px;"></td>

<td style="width: 264px; height: 22px;">

<asp:Button ID="BtnUpload" Class="btn btn-primary" runat="server" Text="Upload" OnClick="BtnUpload\_Click" />

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right; height: 22px;">Job Title:&nbsp;</td>

<td style="text-align: left; width: 190px; height: 22px;">

<asp:DropDownList ID="DdField" Width="190px" runat="server">

<asp:ListItem>Choose</asp:ListItem>

<asp:ListItem>.Net Developer</asp:ListItem>

<asp:ListItem>Account Manager</asp:ListItem>

<asp:ListItem>Concrete Testing Technician</asp:ListItem>

<asp:ListItem>Acoustic Engineer II</asp:ListItem>

<asp:ListItem>Android / Linux Software Dev. Engineer</asp:ListItem>

<asp:ListItem>Application Developer</asp:ListItem>

<asp:ListItem>Applications Engineer</asp:ListItem>

<asp:ListItem>Applications Engineer C-H</asp:ListItem>

<asp:ListItem>Architectural Job Captain - C-H</asp:ListItem>

<asp:ListItem>ASME Support - C</asp:ListItem>

<asp:ListItem>Autocad Drafter</asp:ListItem>

<asp:ListItem>AutoCad Plant 3D Piping Designer</asp:ListItem>

<asp:ListItem>Automation Engineer</asp:ListItem>

<asp:ListItem>Batch Position</asp:ListItem>

<asp:ListItem>Batch/ETL Tester</asp:ListItem>

<asp:ListItem>BPM/SOA Middleware Architecture</asp:ListItem>

<asp:ListItem>Bridge Engineer 3</asp:ListItem>

<asp:ListItem>Build and Release Engineer</asp:ListItem>

<asp:ListItem>Busines Systems Analyst</asp:ListItem>

<asp:ListItem>Buyer</asp:ListItem>

<asp:ListItem>Buyer - Machine and Metal Parts</asp:ListItem>

<asp:ListItem>Buyer/Planner</asp:ListItem>

<asp:ListItem>Buyers</asp:ListItem>

<asp:ListItem>C/S Engineer - FEA - ANSYS - C</asp:ListItem>

<asp:ListItem>CAD Designer</asp:ListItem>

<asp:ListItem>CAD Drafters - CATIA</asp:ListItem>

<asp:ListItem>CAD/PDM Designer</asp:ListItem>

<asp:ListItem>CAE Analyst</asp:ListItem>

<asp:ListItem>CAE Body/Catia V5</asp:ListItem>

<asp:ListItem>Chemical Operator</asp:ListItem>

<asp:ListItem>Civil / Structural Design Engineer – Youngstown</asp:ListItem>

<asp:ListItem>Civil CAD Designer / Technician - T/P</asp:ListItem>

<asp:ListItem>Civil CAD Technician</asp:ListItem>

<asp:ListItem>Civil Design Engineer</asp:ListItem>

<asp:ListItem>Civil Eng./ PM-D</asp:ListItem>

<asp:ListItem>Civil Engineer</asp:ListItem>

<asp:ListItem>Civil Engineer - T/P</asp:ListItem>

<asp:ListItem>Civil Engineer -C-H</asp:ListItem>

<asp:ListItem>Civil Engineer / Surveyor</asp:ListItem>

<asp:ListItem>Civil Engineer V</asp:ListItem>

<asp:ListItem>Civil Site Design Engineer</asp:ListItem>

<asp:ListItem>Civil/Mechanical Engineer - DP</asp:ListItem>

<asp:ListItem>Civil/Structural Engineer - P.E.</asp:ListItem>

<asp:ListItem>CNC Machinists</asp:ListItem>

<asp:ListItem>Coating Inspector-C</asp:ListItem>

<asp:ListItem>Colonel Hacker Developer Position</asp:ListItem>

<asp:ListItem>Contracts and Risk Manager</asp:ListItem>

<asp:ListItem>Contracts Specialist/Project Assistant</asp:ListItem>

<asp:ListItem>Controls Engineer I - C</asp:ListItem>

<asp:ListItem>Corp. Resolution Specialist</asp:ListItem>

<asp:ListItem>Corrosion Engineer</asp:ListItem>

<asp:ListItem>Data Analyst</asp:ListItem>

<asp:ListItem>Data Analyst/Business Analyst</asp:ListItem>

<asp:ListItem>Data Management</asp:ListItem>

<asp:ListItem>Data Modeler</asp:ListItem>

<asp:ListItem>Database Developer (Oracle Engineer)</asp:ListItem>

<asp:ListItem>Demand Planner</asp:ListItem>

<asp:ListItem>Design Engineer</asp:ListItem>

<asp:ListItem>Design Engineer - Heavy Equip Handling</asp:ListItem>

<asp:ListItem>Design Engineer-C-H</asp:ListItem>

<asp:ListItem>Designer</asp:ListItem>

<asp:ListItem>Designer/Drafter</asp:ListItem>

<asp:ListItem>Desktop Engineer</asp:ListItem>

<asp:ListItem>Developer Position</asp:ListItem>

<asp:ListItem>Director, Customer Experience Reporting</asp:ListItem>

<asp:ListItem>Director, Theme Park Ride Maintenance Operations</asp:ListItem>

<asp:ListItem>Document Control</asp:ListItem>

<asp:ListItem>Drafter</asp:ListItem>

<asp:ListItem>Drafter autocad telecomm</asp:ListItem>

<asp:ListItem>DSP Process Engineer</asp:ListItem>

<asp:ListItem>E/M Assemblers</asp:ListItem>

<asp:ListItem>EE-Antennas</asp:ListItem>

<asp:ListItem>Electrical Controls Engineer / Project Manager</asp:ListItem>

<asp:ListItem>Electrical Designer</asp:ListItem>

<asp:ListItem>Electrical Designer - C/H</asp:ListItem>

<asp:ListItem>Electrical Engineer</asp:ListItem>

<asp:ListItem>Electrical Engineer II</asp:ListItem>

<asp:ListItem>Electrical Engineer-C-H</asp:ListItem>

<asp:ListItem>Electrical Engineer-D</asp:ListItem>

<asp:ListItem>Electrical Engineer-Wire Harness</asp:ListItem>

<asp:ListItem>Electrical Systems Design Engineer - C</asp:ListItem>

<asp:ListItem>Electrical Systems Engineer</asp:ListItem>

<asp:ListItem>Electro-Mechanical Technician</asp:ListItem>

<asp:ListItem>Embedded Software Engineer</asp:ListItem>

<asp:ListItem>Embedded Software Engineer- Linux Kernel</asp:ListItem>

<asp:ListItem>Embedded Software Engineers</asp:ListItem>

<asp:ListItem>Engineer 2</asp:ListItem>

<asp:ListItem>Engineer 3</asp:ListItem>

<asp:ListItem>Engineer 4</asp:ListItem>

<asp:ListItem>Engineer II</asp:ListItem>

<asp:ListItem>Engineer II - Thermal Analysis - C</asp:ListItem>

<asp:ListItem>Engineer III</asp:ListItem>

<asp:ListItem>Engineering Project Lead-DP</asp:ListItem>

<asp:ListItem>Engineering/Survey Technician</asp:ListItem>

<asp:ListItem>Enterprise Architect with Financial Industry exp</asp:ListItem>

<asp:ListItem>Entry Level Inside Sales</asp:ListItem>

<asp:ListItem>Entry-Level Recruiter - Immediate Opening!</asp:ListItem>

<asp:ListItem>Environmental Engineer</asp:ListItem>

<asp:ListItem>Estimator</asp:ListItem>

<asp:ListItem>Excavation/Trenching Inspection (Utilities) - C</asp:ListItem>

<asp:ListItem>Expeditor</asp:ListItem>

<asp:ListItem>Expeditors</asp:ListItem>

<asp:ListItem>Facilities Engineer</asp:ListItem>

<asp:ListItem>Field Welding Inspectors-C</asp:ListItem>

<asp:ListItem>Final Test Technician 2nd & 3rd shift</asp:ListItem>

<asp:ListItem>Financial Manager II</asp:ListItem>

<asp:ListItem>Finite Element Analyst - C</asp:ListItem>

<asp:ListItem>Fire Protection Engineer - D</asp:ListItem>

<asp:ListItem>Flammability Certification Engineer</asp:ListItem>

<asp:ListItem>Focal Plane Engineer</asp:ListItem>

<asp:ListItem>Front-end Web Developer</asp:ListItem>

<asp:ListItem>Game Engineer</asp:ListItem>

<asp:ListItem>GIS Analyst</asp:ListItem>

<asp:ListItem>Graphics Compiler Test Engineer</asp:ListItem>

<asp:ListItem>Hardware Engineer</asp:ListItem>

<asp:ListItem>Help Desk Technician</asp:ListItem>

<asp:ListItem>HRIS Applications Support Specialist</asp:ListItem>

<asp:ListItem>HW Engineer-Analog</asp:ListItem>

<asp:ListItem>HW Technician</asp:ListItem>

<asp:ListItem>Hydraulics and Hydrology Engineer</asp:ListItem>

<asp:ListItem>Hydrologist-C-H</asp:ListItem>

<asp:ListItem>I & C Engineer-C-H</asp:ListItem>

<asp:ListItem>iM Project Manager</asp:ListItem>

<asp:ListItem>iM Project Manager</asp:ListItem>

<asp:ListItem>Industrial Design-Alias</asp:ListItem>

<asp:ListItem>Information Engineer IA/Firewall</asp:ListItem>

<asp:ListItem>Instrument/Electrical Design Specialist II</asp:ListItem>

<asp:ListItem>Instrumentation Engineer-C</asp:ListItem>

<asp:ListItem>Interaction Designer</asp:ListItem>

<asp:ListItem>International Services Administrator</asp:ListItem>

<asp:ListItem>INTools Designer</asp:ListItem>

<asp:ListItem>IT Business Analyst 2</asp:ListItem>

<asp:ListItem>IT Buyer</asp:ListItem>

<asp:ListItem>IT Project Manager</asp:ListItem>

<asp:ListItem>IT QA System Analyst</asp:ListItem>

<asp:ListItem>IT Technician</asp:ListItem>

<asp:ListItem>Java Backend Developer</asp:ListItem>

<asp:ListItem>Java Developer-Embedded-Paltronics</asp:ListItem>

<asp:ListItem>Java Front End Developer</asp:ListItem>

<asp:ListItem>Java Programmer</asp:ListItem>

<asp:ListItem>Java-/ Perl Developer</asp:ListItem>

<asp:ListItem>JDE-ERP Programmer Analyst</asp:ListItem>

<asp:ListItem>Jive Technician</asp:ListItem>

<asp:ListItem>Jr. Mechanical Engineer</asp:ListItem>

<asp:ListItem>Launch Fluids CAD Engineer</asp:ListItem>

<asp:ListItem>Lead Design Engineer</asp:ListItem>

<asp:ListItem>Lead Game Engineer</asp:ListItem>

<asp:ListItem>Lead Piping Designer-C</asp:ListItem>

<asp:ListItem>Lead Process Chemical Engineer</asp:ListItem>

<asp:ListItem>Lead Process Engineer</asp:ListItem>

<asp:ListItem>Lead Structural Engineer</asp:ListItem>

<asp:ListItem>Lean Enterprise Site Leader</asp:ListItem>

<asp:ListItem>LEAN Manufacturing Engineer</asp:ListItem>

<asp:ListItem>Linux Systems Administrator</asp:ListItem>

<asp:ListItem>Logistics Manager</asp:ListItem>

<asp:ListItem>Maintenance Engineer</asp:ListItem>

<asp:ListItem>Maintenance Technician</asp:ListItem>

<asp:ListItem>Manager, Test Engineering</asp:ListItem>

<asp:ListItem>Manufacturing Engineer</asp:ListItem>

<asp:ListItem>Manufacturing Engineer-DP</asp:ListItem>

<asp:ListItem>Manufacturing Process Engineer</asp:ListItem>

<asp:ListItem>Manufacturing Test Technician</asp:ListItem>

<asp:ListItem>Manufacturing/Process Engineer</asp:ListItem>

<asp:ListItem>Marketing Data Analyst</asp:ListItem>

<asp:ListItem>Master Scheduler</asp:ListItem>

<asp:ListItem>Mechanical Design Engineer</asp:ListItem>

<asp:ListItem>Mechanical Design Drafter</asp:ListItem>

<asp:ListItem>Mechanical Designer</asp:ListItem>

<asp:ListItem>Mechanical Engineer</asp:ListItem>

<asp:ListItem>Mechanical Engineer - DP</asp:ListItem>

<asp:ListItem>Mechanical Engineer - NRC Certified</asp:ListItem>

<asp:ListItem>Mechanical Engineer 3</asp:ListItem>

<asp:ListItem>Mechanical Engineer III</asp:ListItem>

<asp:ListItem>Mechanical Engineer IV</asp:ListItem>

<asp:ListItem>Mechanical Engineer-C-H</asp:ListItem>

<asp:ListItem>Mechanical Engineer-Pumps</asp:ListItem>

<asp:ListItem>Mechanical Interior Design Engineer</asp:ListItem>

<asp:ListItem>Mechanical Product Development Engineer</asp:ListItem>

<asp:ListItem>Mechanical Project Engineer</asp:ListItem>

<asp:ListItem>Mechanical Systems Engineer</asp:ListItem>

<asp:ListItem>MES Controls Engineer</asp:ListItem>

<asp:ListItem>Mid-Sr. Level Project Administrator</asp:ListItem>

<asp:ListItem>MTA - Safety Specialist IV</asp:ListItem>

<asp:ListItem>MTA - Assistant Electrical Engineer - Inspections</asp:ListItem>

<asp:ListItem>MTA - Associate Project Manager - Finance</asp:ListItem>

<asp:ListItem>MTA - CADD Drafter - Microstation</asp:ListItem>

<asp:ListItem>MTA - Construction Inspectors</asp:ListItem>

<asp:ListItem>MTA - Engineer - Level II</asp:ListItem>

<asp:ListItem>MTA - Engineering Technician I</asp:ListItem>

<asp:ListItem>MTA - Estimator - Bus Depot</asp:ListItem>

<asp:ListItem>MTA - Project Coordinator - Civil/Structural</asp:ListItem>

<asp:ListItem>MTA - Transit Management Analyst</asp:ListItem>

<asp:ListItem>MVC Developer</asp:ListItem>

<asp:ListItem>Naval Architect</asp:ListItem>

<asp:ListItem>Network Administrator</asp:ListItem>

<asp:ListItem>Network Analyst 2 - 25064</asp:ListItem>

<asp:ListItem>Network Architect</asp:ListItem>

<asp:ListItem>Network QA Engineer #3395914</asp:ListItem>

<asp:ListItem>Network Security Specialist</asp:ListItem>

<asp:ListItem>Network Service Engineer- DP</asp:ListItem>

<asp:ListItem>NOC Analyst</asp:ListItem>

<asp:ListItem>NX Design Engineer-</asp:ListItem>

<asp:ListItem>NX Designer-Modeling/Assembly</asp:ListItem>

<asp:ListItem>NX Designer-Surfacing</asp:ListItem>

<asp:ListItem>NYPA - Electrical Engineer - Metering</asp:ListItem>

<asp:ListItem>Openstack Cloud Developer</asp:ListItem>

<asp:ListItem>Operations / Production Planner</asp:ListItem>

<asp:ListItem>Operations Analyst 1</asp:ListItem>

<asp:ListItem>Oracle Apps DBA</asp:ListItem>

<asp:ListItem>PC-DMIS CMM Programmer / Operator</asp:ListItem>

<asp:ListItem>People Soft Project Engineer</asp:ListItem>

<asp:ListItem>Peoplesoft Developer</asp:ListItem>

<asp:ListItem>Pipe Stress Engineer-C</asp:ListItem>

<asp:ListItem>Piping Designers-C-H</asp:ListItem>

<asp:ListItem>Planner I</asp:ListItem>

<asp:ListItem>Planner I RMA</asp:ListItem>

<asp:ListItem>Platform Engineer</asp:ListItem>

<asp:ListItem>PLC Programmer</asp:ListItem>

<asp:ListItem>Power Supply Technician</asp:ListItem>

<asp:ListItem>Principal / Senior Principal Engineer ASIC Design</asp:ListItem>

<asp:ListItem>Principal RF/MS IC Design Engineer</asp:ListItem>

<asp:ListItem>Principal/ Staff Validation Engineer</asp:ListItem>

<asp:ListItem>Process Chemical/Mechanical Engineer</asp:ListItem>

<asp:ListItem>Process Engineer (Carlsbad) - D</asp:ListItem>

<asp:ListItem>Process Engineer (Chemical) - D</asp:ListItem>

<asp:ListItem>Process Engineer - C</asp:ListItem>

<asp:ListItem>Process Engineer - Test Carts - Thermal Control Sy</asp:ListItem>

<asp:ListItem>Process Engineer-C-H</asp:ListItem>

<asp:ListItem>Process Improvement Lead</asp:ListItem>

<asp:ListItem>Process Tech/SEM FIB Operator</asp:ListItem>

<asp:ListItem>Product Complaint / Regulatory Affairs Associate</asp:ListItem>

<asp:ListItem>Product Engineer</asp:ListItem>

<asp:ListItem>Product Engineer 2</asp:ListItem>

<asp:ListItem>Product Manager – Digital Sales</asp:ListItem>

<asp:ListItem>Production Planner</asp:ListItem>

<asp:ListItem>Program Manager - Engineering</asp:ListItem>

<asp:ListItem>PROGRAMMER – INTERMEDIATE/MID LEVEL</asp:ListItem>

<asp:ListItem>Programmer Analyst-C C++</asp:ListItem>

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<asp:ListItem>Project Architect-D</asp:ListItem>

<asp:ListItem>Project Controls Analyst-C-H</asp:ListItem>

<asp:ListItem>Project Controls II</asp:ListItem>

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<asp:ListItem>Project Engineer</asp:ListItem>

<asp:ListItem>Project Engineer Development Site Coordinator</asp:ListItem>

<asp:ListItem>Project Engineer IV-C</asp:ListItem>

<asp:ListItem>Project Engineer, Paint Shop Conveyor Engineer</asp:ListItem>

<asp:ListItem>Project Engineer- C</asp:ListItem>

<asp:ListItem>Project Engineer/Project Manager</asp:ListItem>

<asp:ListItem>Project Management - 23019</asp:ListItem>

<asp:ListItem>Project Management Specialist -23122</asp:ListItem>

<asp:ListItem>Project Manager</asp:ListItem>

<asp:ListItem>Project Manager (Mechanical)</asp:ListItem>

<asp:ListItem>Project Manager - Contract Manufacturing</asp:ListItem>

<asp:ListItem>Project Manager - Industrial Engineer, Mfg</asp:ListItem>

<asp:ListItem>Project Manager - Railway Vehicle Systems</asp:ListItem>

<asp:ListItem>Project Manager / Business Analyst</asp:ListItem>

<asp:ListItem>Project Manager – (Electrical & Controls)</asp:ListItem>

<asp:ListItem>Project Manager Hydro Electric</asp:ListItem>

<asp:ListItem>Project Surveyor</asp:ListItem>

<asp:ListItem>Project/Construction Manager</asp:ListItem>

<asp:ListItem>Python Backend Developer</asp:ListItem>

<asp:ListItem>QA Engineer</asp:ListItem>

<asp:ListItem>QA Inspectors</asp:ListItem>

<asp:ListItem>Quality Assurance Complaint Specialist II</asp:ListItem>

<asp:ListItem>Quality Assurance Complaint Specialist III</asp:ListItem>

<asp:ListItem>Quality Assurance Engineer</asp:ListItem>

<asp:ListItem>Quality Control Manager</asp:ListItem>

<asp:ListItem>Quality Director</asp:ListItem>

<asp:ListItem>Quality Engineer</asp:ListItem>

<asp:ListItem>Quality Engineer - F-35</asp:ListItem>

<asp:ListItem>Quality Engineer - MRB</asp:ListItem>

<asp:ListItem>Quality Engineer 2</asp:ListItem>

<asp:ListItem>Quality Engineer 3</asp:ListItem>

<asp:ListItem>Quality Engineer/CMM Programmer</asp:ListItem>

<asp:ListItem>Recruiter / Technical Recruiter - Sunnyvale</asp:ListItem>

<asp:ListItem>Recruiter / Technical Recruiter - Troy</asp:ListItem>

<asp:ListItem>Recruiter / Technical Recruiter - Woodland Hills</asp:ListItem>

<asp:ListItem>RF Test Technician</asp:ListItem>

<asp:ListItem>RFIC Engineer C H/or D 51106</asp:ListItem>

<asp:ListItem>RFIC Layout Manager</asp:ListItem>

<asp:ListItem>Sales Assistant</asp:ListItem>

<asp:ListItem>Sales Engineer-Rotating Equipment C-H</asp:ListItem>

<asp:ListItem>Sales/Project Manager-DP</asp:ListItem>

<asp:ListItem>SAP GTS</asp:ListItem>

<asp:ListItem>SAS Contract Position</asp:ListItem>

<asp:ListItem>Scheduler/Planner V-C</asp:ListItem>

<asp:ListItem>Science & Technology Job Captain - C/H</asp:ListItem>

<asp:ListItem>Senior Compensation Analyst</asp:ListItem>

<asp:ListItem>Senior Device Driver Engineer</asp:ListItem>

<asp:ListItem>Senior Embedded Software Engineer</asp:ListItem>

<asp:ListItem>Senior Firmware Engineer</asp:ListItem>

<asp:ListItem>Senior Game Engineer</asp:ListItem>

<asp:ListItem>Senior Interior Designer Manager</asp:ListItem>

<asp:ListItem>Senior Manager of IT – SCADA</asp:ListItem>

<asp:ListItem>Senior Manufacturing Engineer w/Machining</asp:ListItem>

<asp:ListItem>Senior Network Operations Engineer</asp:ListItem>

<asp:ListItem>Senior Platform Engineer</asp:ListItem>

<asp:ListItem>Senior Principal RF/MS IC Design Engineer</asp:ListItem>

<asp:ListItem>Senior Programmer/Analyst - ERP</asp:ListItem>

<asp:ListItem>Senior Project Architect</asp:ListItem>

<asp:ListItem>Senior Project Engineer- Transportation</asp:ListItem>

<asp:ListItem>Senior Software Engineer</asp:ListItem>

<asp:ListItem>Senior Software Engineer/Architect</asp:ListItem>

<asp:ListItem>Service Technician</asp:ListItem>

<asp:ListItem>Sheet Metal Assembly Mechanic</asp:ListItem>

<asp:ListItem>Shipping Clerk & Stock Clerk</asp:ListItem>

<asp:ListItem>Site Engineer</asp:ListItem>

<asp:ListItem>Site Support Technician - 28680</asp:ListItem>

<asp:ListItem>Site Support Technicians -28681</asp:ListItem>

<asp:ListItem>Site Support Technicians - 28676</asp:ListItem>

<asp:ListItem>Site Support Technicians - 28678</asp:ListItem>

<asp:ListItem>Site Support Technicians -28674</asp:ListItem>

<asp:ListItem>Site Support Technicians 28675</asp:ListItem>

<asp:ListItem>Software Developer</asp:ListItem>

<asp:ListItem>Software Developer-DOORS-HTML5-Javascript</asp:ListItem>

<asp:ListItem>Software Development Project Manager</asp:ListItem>

<asp:ListItem>Software Engineer</asp:ListItem>

<asp:ListItem>Software Engineer - 25039</asp:ListItem>

<asp:ListItem>Software Engineer OSS Applications</asp:ListItem>

<asp:ListItem>Software Engineer, Generalist</asp:ListItem>

<asp:ListItem>Software Engineer- JAVA SWING</asp:ListItem>

<asp:ListItem>Software Functional Test Engineer #3971420</asp:ListItem>

<asp:ListItem>Software QA Engineer #3393481</asp:ListItem>

<asp:ListItem>Software QA Engineer - White Box Testing 3347559</asp:ListItem>

<asp:ListItem>Software Safety Engineer</asp:ListItem>

<asp:ListItem>Software Specialist II - 28637</asp:ListItem>

<asp:ListItem>Software V&V Engineer</asp:ListItem>

<asp:ListItem>SolidWorks Designer</asp:ListItem>

<asp:ListItem>Solutions Analyst</asp:ListItem>

<asp:ListItem>SQL Server Database Administrator</asp:ListItem>

<asp:ListItem>Sr Electrical Power Engineer</asp:ListItem>

<asp:ListItem>Sr Product Engineer - HVAC</asp:ListItem>

<asp:ListItem>Sr repair Tech</asp:ListItem>

<asp:ListItem>Sr Systems Analyst – SCADA</asp:ListItem>

<asp:ListItem>Sr. Solutions Developer (BI)</asp:ListItem>

<asp:ListItem>Sr. .Software Engineer (.NET)</asp:ListItem>

<asp:ListItem>Sr. Buyer #3383022</asp:ListItem>

<asp:ListItem>Sr. CAD Analyst/Programmer</asp:ListItem>

<asp:ListItem>Sr. Electrical Engineer</asp:ListItem>

<asp:ListItem>Sr. Engineering Specialist Electrical</asp:ListItem>

<asp:ListItem>Sr. Global Die Engineer</asp:ListItem>

<asp:ListItem>Sr. HW Technician</asp:ListItem>

<asp:ListItem>Sr. Java Developers</asp:ListItem>

<asp:ListItem>Sr. Maintenance Technician</asp:ListItem>

<asp:ListItem>Sr. Manufacturing Project Engineer</asp:ListItem>

<asp:ListItem>Sr. Mechanical Engineer</asp:ListItem>

<asp:ListItem>Sr. Mechanical Engineer (Carlsbad) - D</asp:ListItem>

<asp:ListItem>Sr. Mechanical Engineer V</asp:ListItem>

<asp:ListItem>Sr. Mechanical Engineer-D (San Jose)</asp:ListItem>

<asp:ListItem>Sr. Planner</asp:ListItem>

<asp:ListItem>Sr. Powertrain Designer</asp:ListItem>

<asp:ListItem>Sr. Process Engineer-C/H</asp:ListItem>

<asp:ListItem>Sr. Process Engineer-D</asp:ListItem>

<asp:ListItem>Sr. Product Design Engineer</asp:ListItem>

<asp:ListItem>Sr. Product Development Engineer</asp:ListItem>

<asp:ListItem>Sr. Product Engineer – Engine Cooling</asp:ListItem>

<asp:ListItem>Sr. Proj Eng-Transp.- D</asp:ListItem>

<asp:ListItem>Sr. Quality Engineer/ Supervisor</asp:ListItem>

<asp:ListItem>Sr. R&D Engineer</asp:ListItem>

<asp:ListItem>Sr. RF Engineering Tech</asp:ListItem>

<asp:ListItem>Sr. SAP EC Consultant</asp:ListItem>

<asp:ListItem>Sr. Search Fullfilment Specialist #0872</asp:ListItem>

<asp:ListItem>Sr. Software Engineer #0855</asp:ListItem>

<asp:ListItem>Sr. Software Engineer #0959</asp:ListItem>

<asp:ListItem>Sr. Software Engineer #0960</asp:ListItem>

<asp:ListItem>Sr. Software Engineer C/C++</asp:ListItem>

<asp:ListItem>Sr. Software Engineers - Java</asp:ListItem>

<asp:ListItem>Sr. Software QA Engineer</asp:ListItem>

<asp:ListItem>Sr. Structural Project Mgr/Leader- Transport - D</asp:ListItem>

<asp:ListItem>Sr. Subcontracts Administrator/Manager</asp:ListItem>

<asp:ListItem>Sr. User Interface Designer</asp:ListItem>

<asp:ListItem>Sr./Pr. Electrical Engineer</asp:ListItem>

<asp:ListItem>Sr./Pr. Mechanical Engineer</asp:ListItem>

<asp:ListItem>Sr.Civil Dsn Eng.Supervisor-C-H</asp:ListItem>

<asp:ListItem>Staff Bluetooth Architect</asp:ListItem>

<asp:ListItem>Staff Engineer, Network Security #1836</asp:ListItem>

<asp:ListItem>Staffing Manager - Santa Ana</asp:ListItem>

<asp:ListItem>Storage Administrator Position - 28665</asp:ListItem>

<asp:ListItem>Structural Bridge Engineer – OKC</asp:ListItem>

<asp:ListItem>Structural Engineer</asp:ListItem>

<asp:ListItem>Structural Engineer - D</asp:ListItem>

<asp:ListItem>Structural Engineer III</asp:ListItem>

<asp:ListItem>Structural Engineers - C</asp:ListItem>

<asp:ListItem>Subcontract Administrator IV - C</asp:ListItem>

<asp:ListItem>Subdivision Engineer-C-H</asp:ListItem>

<asp:ListItem>Supervisor Electrical Engineer - D</asp:ListItem>

<asp:ListItem>Supervisor Equtiity Programs</asp:ListItem>

<asp:ListItem>Supplier Quality Engineer</asp:ListItem>

<asp:ListItem>Supply Chain</asp:ListItem>

<asp:ListItem>Survey Technician</asp:ListItem>

<asp:ListItem>SW Eng. - Database & Web Services</asp:ListItem>

<asp:ListItem>Systems & Integration Engineer - Propulsion - C</asp:ListItem>

<asp:ListItem>Systems Administrator IV - 28576</asp:ListItem>

<asp:ListItem>Systems Automation Engineer</asp:ListItem>

<asp:ListItem>Systems Engineer</asp:ListItem>

<asp:ListItem>Systems Engineer - 24940</asp:ListItem>

<asp:ListItem>Systems Engineer - 25308</asp:ListItem>

<asp:ListItem>Systems Engineer -24963</asp:ListItem>

<asp:ListItem>Systems Support Administrator</asp:ListItem>

<asp:ListItem>Team Center Developer -0133</asp:ListItem>

<asp:ListItem>Technical Analyst - 00132</asp:ListItem>

<asp:ListItem>Technical Manager</asp:ListItem>

<asp:ListItem>Technical Operations Engineer</asp:ListItem>

<asp:ListItem>Technical Project Manager SOA, RESTful web service</asp:ListItem>

<asp:ListItem>Technical Support Engineer - 25300</asp:ListItem>

<asp:ListItem>Technical Web Producer #0968</asp:ListItem>

<asp:ListItem>Technical Writer</asp:ListItem>

<asp:ListItem>Technician</asp:ListItem>

<asp:ListItem>Technology Manager - DP</asp:ListItem>

<asp:ListItem>Tooling Manager</asp:ListItem>

<asp:ListItem>Training Manager</asp:ListItem>

<asp:ListItem>Transportation Design Manager/Engineer</asp:ListItem>

<asp:ListItem>Transportation Service Leader</asp:ListItem>

<asp:ListItem>UGNX Designer</asp:ListItem>

<asp:ListItem>UI Developer</asp:ListItem>

<asp:ListItem>UI Front End Lead Engineer</asp:ListItem>

<asp:ListItem>User Experience Lead</asp:ListItem>

<asp:ListItem>UX Software Engineer</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width: 264px; height: 22px; text-align: left;">

<asp:CustomValidator ID="FieldValidator" runat="server" Display="Dynamic" ErrorMessage="&amp;nbsp;\* Required" ForeColor="Red" OnServerValidate="FieldValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right; height: 22px;">Education:&nbsp;</td>

<td style="width: 190px; text-align: left; height: 22px;">

<asp:DropDownList ID="DdEdu" Width="190px" runat="server">

<asp:ListItem>Choose</asp:ListItem>

<asp:ListItem Value="1">High School</asp:ListItem>

<asp:ListItem Value="2">Associate</asp:ListItem>

<asp:ListItem Value="3">Bachelors</asp:ListItem>

<asp:ListItem Value="4">Advanced Degree</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width: 264px; text-align: left; height: 22px;">

<asp:CustomValidator ID="EduValidator" runat="server" Display="Dynamic" ErrorMessage="&amp;nbsp;\* Required" ForeColor="Red" OnServerValidate="EduValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right;">Experience:&nbsp;</td>

<td style="width: 190px; text-align: left;">

<asp:DropDownList ID="DdExp" Width="190px" runat="server">

<asp:ListItem>Choose</asp:ListItem>

<asp:ListItem Value="0">None</asp:ListItem>

<asp:ListItem Value="1">1+ Years</asp:ListItem>

<asp:ListItem Value="2">2+ Years</asp:ListItem>

<asp:ListItem Value="3">3+ Years</asp:ListItem>

<asp:ListItem Value="4">4+ Years</asp:ListItem>

<asp:ListItem Value="5">5+ Years</asp:ListItem>

<asp:ListItem Value="6">6+ Years</asp:ListItem>

<asp:ListItem Value="7">7+ Years</asp:ListItem>

<asp:ListItem Value="8">8+ Years</asp:ListItem>

<asp:ListItem Value="9">9+ Years</asp:ListItem>

<asp:ListItem Value="9">10+ Years</asp:ListItem>

<asp:ListItem Value="11">11+ Years</asp:ListItem>

<asp:ListItem Value="12">12+ Years</asp:ListItem>

<asp:ListItem Value="13">13+ Years</asp:ListItem>

<asp:ListItem Value="14">14+ Years</asp:ListItem>

<asp:ListItem Value="15">15+ Years</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width: 264px; text-align: left;">

<asp:CustomValidator ID="ExpValidator" runat="server" Display="Dynamic" ErrorMessage="&amp;nbsp;\* Required" ForeColor="Red" OnServerValidate="ExpValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right;">Salary Range:&nbsp;</td>

<td style="width: 190px; text-align: left;">

<asp:DropDownList ID="DdSal" Width="190px" runat="server">

<asp:ListItem>Choose</asp:ListItem>

<asp:ListItem Value="1">$10,000+</asp:ListItem>

<asp:ListItem Value="2">$20,000+</asp:ListItem>

<asp:ListItem Value="3">$30,000+</asp:ListItem>

<asp:ListItem Value="4">$40,000+</asp:ListItem>

<asp:ListItem Value="5">$50,000+</asp:ListItem>

<asp:ListItem Value="6">$60,000+</asp:ListItem>

<asp:ListItem Value="7">$70,000+</asp:ListItem>

<asp:ListItem Value="8">$80,000+</asp:ListItem>

<asp:ListItem Value="9">$90,000+</asp:ListItem>

<asp:ListItem Value="10">$100,000+</asp:ListItem>

<asp:ListItem Value="11">$110,000+</asp:ListItem>

<asp:ListItem Value="12">$120,000+</asp:ListItem>

<asp:ListItem Value="13">$130,000+</asp:ListItem>

<asp:ListItem Value="14">$140,000+</asp:ListItem>

<asp:ListItem Value="15">$150,000+</asp:ListItem>

</asp:DropDownList>

</td>

<td style="width: 264px; text-align: left;">

<asp:CustomValidator ID="SalValidator" runat="server" Display="Dynamic" ErrorMessage="&amp;nbsp;\* Required" ForeColor="Red" OnServerValidate="SalValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right;">ZIPCODE:&nbsp;</td>

<td style="width: 190px; text-align: left;">

<asp:TextBox ID="txtZip" runat="server" Width="190px"></asp:TextBox>

</td>

<td style="width: 264px; text-align: left;">

<asp:CustomValidator ID="ZipValidator" runat="server" Display="Dynamic" ErrorMessage="&amp;nbsp;\* Invalid value" ForeColor="Red" OnServerValidate="ZipValidator\_ServerValidate"></asp:CustomValidator>

</td>

</tr>

<tr>

<td style="width: 354px; text-align: right;">&nbsp;</td>

<td style="width: 190px; text-align: left;">&nbsp;</td>

<td style="width: 264px">&nbsp;</td>

</tr>

<tr>

<td style="width: 354px; text-align: right;">Looking for Work?</td>

<td style="width: 190px; text-align: left;">

&nbsp;<asp:RadioButton ID="RadioStatus1" runat="server" Text="Yes" GroupName="RadioStatus" />

<br />

&nbsp;<asp:RadioButton ID="RadioStatus0" runat="server" Text="No" GroupName="RadioStatus" />

</td>

<td style="width: 264px">&nbsp;</td>

</tr>

<tr>

<td style="width: 354px; text-align: right;">&nbsp;</td>

<td style="width: 190px">&nbsp;</td>

<td style="width: 264px">&nbsp;</td>

</tr>

</table>

<table>

<tr>

<td style="width: 874px">

Resume</td>

</tr>

<tr>

<td style="width: 874px">

<asp:TextBox ID="txtResume" runat="server" Height="362px" TextMode="MultiLine" Width="813px"></asp:TextBox>

<br />

<br />

<asp:Button ID="BtnUpdate" Class="btn btn-primary" runat="server" Text="Update" OnClick="BtnUpdate\_Click" />

</td>

</tr>

</table>

</asp:Panel>

</div>

</asp:Content>

## Update\_staff.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

using System.Configuration;

using System.ComponentModel;

using System.Security.Cryptography;

using System.Text;

using System.Text.RegularExpressions;

using System.Drawing;

public partial class Update\_staff : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (Session["account"] == null)

{

Response.Redirect("~/Login.aspx");

}

else if (Session["account"].ToString() != "staff")

{

Response.Redirect("~/Default.aspx");

}

else

{

if (!IsPostBack)

{

string SqlString = "SELECT [user].\*, staff.\* FROM [user] INNER JOIN staff ON [user].userid = staff.userid WHERE [user].userid = @userid";

SqlCommand cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("userid", Int32.Parse(Session["userid"].ToString()));

cmd.Connection.Open();

SqlDataReader dr = cmd.ExecuteReader(CommandBehavior.CloseConnection);

if (dr.Read() == true)

{

HiddenName.Value = dr["fname"].ToString() + " " + dr["lname"].ToString();

HiddenUserid.Value = dr["userid"].ToString();

HiddenUsername.Value = dr["username"].ToString();

HiddenPhone.Value = dr["phone"].ToString();

HiddenEmail.Value = dr["email"].ToString();

HiddenPicSrc.Value = dr["pic"].ToString();

txtResume.Text = dr["resume"].ToString();

txtZip.Text = dr["zip"].ToString();

if (dr["field"].ToString() == "")

{

DdField.SelectedIndex = 0;

}

else

{

DdField.SelectedValue = dr["field"].ToString();

}

if (dr["edu"].ToString() == "")

{

DdEdu.SelectedIndex = 0;

}

else

{

DdEdu.SelectedIndex = Int32.Parse(dr["edu"].ToString());

}

if (dr["exp"].ToString() == "")

{

DdExp.SelectedIndex = 0;

}

else

{

DdExp.SelectedValue = dr["exp"].ToString();

}

if (dr["sal"].ToString() == "")

{

DdSal.SelectedIndex = 0;

}

else

{

DdSal.SelectedIndex = Int32.Parse(dr["sal"].ToString());

}

if (dr["status"].ToString() == "1")

{

RadioStatus1.Checked = true;

}

else

{

RadioStatus0.Checked = true;

}

}

else

{

dr.Close();

Session["userid"] = null;

Session["username"] = null;

Session["account"] = null;

Response.Redirect("~/Login.aspx");

}

dr.Close();

}

lblError.Text = "";

lblUpload.Text = "";

lblName.Text = HiddenName.Value;

lblUserid.Text = HiddenUserid.Value;

lblUsername.Text = HiddenUsername.Value;

lblPhone.Text = HiddenPhone.Value;

lblEmail.Text = HiddenEmail.Value;

ImgPic.ImageUrl = HiddenPicSrc.Value;

}

}

private static string GetConnectionString()

{

return ConfigurationManager.ConnectionStrings["tpsonlineConnectionString"].ConnectionString;

}

protected void BtnUpload\_Click(object sender, EventArgs e)

{

string sSavePath = "~/images/user/";

int intThumbWidth = 200;

int intThumbHeight = 200;

if (FileImg.PostedFile != null)

{

HttpPostedFile userImage = FileImg.PostedFile;

int fileSize = userImage.ContentLength;

if (fileSize == 0)

{

lblUpload.Text = "No file was uploaded";

return;

}

string FileType = System.IO.Path.GetExtension(userImage.FileName).ToLower();

if (FileType != ".jpg" && FileType != ".png" && FileType != ".gif" && FileType != ".bmp")

{

lblUpload.Text = "Only jpg, png, gif and bmp image files supported";

return;

}

byte[] imageData = new Byte[fileSize];

userImage.InputStream.Read(imageData, 0, fileSize);

string sfileName = System.IO.Path.GetFileName(userImage.FileName);

int file\_append = 0;

while (System.IO.File.Exists(Server.MapPath(sSavePath + sfileName)))

{

file\_append++;

sfileName = System.IO.Path.GetFileNameWithoutExtension(userImage.FileName) + file\_append.ToString() + FileType;

}

System.IO.FileStream newImage = new System.IO.FileStream(Server.MapPath(sSavePath + sfileName), System.IO.FileMode.Create);

newImage.Write(imageData, 0, imageData.Length);

newImage.Close();

System.Drawing.Image.GetThumbnailImageAbort myCallBack = new System.Drawing.Image.GetThumbnailImageAbort(this.ThumnailCallback);

Bitmap myBitmap;

try

{

myBitmap = new Bitmap(Server.MapPath(sSavePath + sfileName));

file\_append = 0;

string ThumbFile = System.IO.Path.GetFileNameWithoutExtension(userImage.FileName) + FileType;

while (System.IO.File.Exists(Server.MapPath(sSavePath + ThumbFile)))

{

file\_append++;

ThumbFile = System.IO.Path.GetFileNameWithoutExtension(userImage.FileName) + file\_append.ToString() + FileType;

}

System.Drawing.Image newThumb = myBitmap.GetThumbnailImage(intThumbWidth, intThumbHeight, myCallBack, IntPtr.Zero);

newThumb.Save (Server.MapPath(sSavePath + ThumbFile));

string SqlString = "UPDATE [staff] SET pic = @pic WHERE userid = @userid";

SqlCommand cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("pic", sSavePath + ThumbFile);

cmd.Parameters.AddWithValue("userid", Int32.Parse(Session["userid"].ToString()));

cmd.Connection.Open();

//cmd.ExecuteNonQuery();

if (cmd.ExecuteNonQuery().Equals(1))

{

if (HiddenPicSrc.Value != "~/images/user/Default.jpg" && System.IO.File.Exists(Server.MapPath(HiddenPicSrc.Value)))

{

System.IO.File.Delete(Server.MapPath(HiddenPicSrc.Value));

}

lblUpload.Text = "Image uploaded successfully";

ImgPic.ImageUrl = sSavePath + ThumbFile;

HiddenPicSrc.Value = sSavePath + ThumbFile;

}

else // If user was not able to be saved to database

{

lblUpload.Text = "There was an error, Please try again.";

}

newThumb.Dispose();

myBitmap.Dispose();

}

catch (ArgumentException errArgument)

{

lblUpload.Text = "The file wasn't a valid image file.";

}

System.IO.File.Delete(Server.MapPath(sSavePath + sfileName));

}

}

public bool ThumnailCallback()

{

return false;

}

protected void FieldValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (DdField.SelectedIndex == 0)

{

args.IsValid = false;

}

}

protected void EduValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (DdEdu.SelectedIndex == 0)

{

args.IsValid = false;

}

}

protected void ExpValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (DdExp.SelectedIndex == 0)

{

args.IsValid = false;

}

}

protected void SalValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (DdSal.SelectedIndex == 0)

{

args.IsValid = false;

}

}

protected void ZipValidator\_ServerValidate(object source, ServerValidateEventArgs args)

{

if (!this.IsZipCode(txtZip.Text))

{

args.IsValid = false;

}

}

public bool IsZipCode(string zipCode)

{

string pattern = @"^\d{5}(\-\d{4})?$";

Regex regex = new Regex(pattern);

return regex.IsMatch(zipCode);

}

protected void BtnUpdate\_Click(object sender, EventArgs e)

{

if (IsValid)

{

int status = 0;

if (RadioStatus1.Checked)

{

status = 1;

}

string SqlString = "UPDATE [staff] SET zip = @zip, field = @field, exp = @exp, edu = @edu, sal = @sal, resume = @resume, status = @status WHERE userid = @userid";

SqlCommand cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("zip", txtZip.Text);

cmd.Parameters.AddWithValue("field", DdField.SelectedValue.ToString());

cmd.Parameters.AddWithValue("exp", Int32.Parse(DdExp.SelectedValue.ToString()));

cmd.Parameters.AddWithValue("edu", Int32.Parse(DdEdu.SelectedValue.ToString()));

cmd.Parameters.AddWithValue("sal", Int32.Parse(DdSal.SelectedValue.ToString()));

cmd.Parameters.AddWithValue("resume", txtResume.Text);

cmd.Parameters.AddWithValue("status", status);

cmd.Parameters.AddWithValue("userid", Int32.Parse(Session["userid"].ToString()));

cmd.Connection.Open();

//cmd.ExecuteNonQuery();

if (cmd.ExecuteNonQuery().Equals(1))

{

lblError.Text = "Update was successful.";

}

else // If user was not able to be saved to database

{

lblError.Text = "There was an error, Please try again.";

}

}

}

}

# Search.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="Search.aspx.cs" Inherits="Search" %>

<asp:Content ID="Content1" ContentPlaceHolderID="main" Runat="Server">

<!--

DeVry Senior Project

CIS 470

Team C

Jeremy Adams

Taunyl Bailey

Tim Olson

Rachel Spiegelhoff

-->

<!-- Search.aspx

--------------------- Work Log -----------------------

8/4/14 - JA - Begin coding from scratch

-->

<div class="content-header" style="text-align: left;">Search</div>

<div class="content">

<asp:Panel ID="PnlSearch" runat="server" DefaultButton="BtnSearch">

<asp:TextBox ID="txtSearch" runat="server" class="txt" Width="614px"></asp:TextBox>

<asp:Button ID="BtnSearch" class="btn btn-primary" runat="server" Text="Search" OnClick="BtnSearch\_Click" />

</asp:Panel>

<br />

<asp:Table ID="tblSearch" runat="server" class="blk-border" style="text-align:left;width:100%;margin:auto;">

</asp:Table>

</div>

</asp:Content>

## Search.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

using System.Configuration;

public partial class Search : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (Session["account"] != null) // if user is valid

{

}

else // invalid user

{

Response.Redirect("~/Login.aspx");

}

}

protected void BtnSearch\_Click(object sender, EventArgs e)

{

if (txtSearch.Text.Length > 0)

{

string SqlString = "";

SqlCommand cmd = null;

SqlDataReader dr = null;

string search = txtSearch.Text.Trim();

// account, (userid/contractid) as id, position, location, (fname+lname,cname) as name

SqlString = "SELECT [user].account, [user].userid as id, ([user].fname + ' ' + [user].lname) as name, null as company,"

+ " [staff].field, [staff].zip"

+ " FROM [user]"

+ " INNER JOIN [staff] ON [user].userid = [staff].userid"

+ " WHERE [staff].status <> 0 AND [user].account = 3"

+ " AND ( LOWER(([user].fname + ' ' + [user].lname)) LIKE '%'+LOWER(@search)+'%'"

+ " OR LOWER([staff].field) LIKE'%'+LOWER(@search)+'%'"

+ " OR CAST([user].userid as varchar(11)) = @search"

+ " OR CAST([staff].zip as varchar(5)) = @search"

//+ " OR LOWER([user].username) LIKE '%'+LOWER(@search)+'%'"

+ " )"

+ " UNION ALL"

+ " SELECT [user].account, [contract].contractid as id, [contract].cname as name, [client].company,"

+ " [contract].field, [contract].zip"

+ " FROM [contract]"

+ " INNER JOIN [client] ON [contract].userid = [client].userid"

+ " INNER JOIN [user] ON [contract].userid = [user].userid"

+ " WHERE ( LOWER([contract].cname) LIKE '%'+LOWER(@search)+'%'"

+ " OR LOWER([contract].field) LIKE '%'+LOWER(@search)+'%'"

+ " OR CAST([contract].contractid as varchar(11)) = @search"

+ " OR CAST([contract].zip as varchar(5)) = @search"

+ " ) ";

cmd = new SqlCommand(SqlString, new SqlConnection(GetConnectionString()));

cmd.Parameters.AddWithValue("search", search);

cmd.Connection.Open();

dr = cmd.ExecuteReader(CommandBehavior.CloseConnection);

//string rowcolor = "r0";

int counter = 0;

while (dr.Read()) // while there are rows to read in the db

{

if (counter == 0) // if this is the first row add titles to the table

{

TableRow hr = new TableRow();

hr.CssClass = "ctitle";

TableCell h0 = new TableCell();

h0.Controls.Add(new LiteralControl("Results"));

hr.Cells.Add(h0);

tblSearch.Rows.Add(hr);

}

string title = "";

string link = "";

string description = "";

int account = Int32.Parse(dr["account"].ToString());

if (account == 2) // Client

{

title = "(contract #" + dr["id"].ToString() + ") " + dr["name"].ToString();

description = dr["company"].ToString() + " - Position:" + dr["field"].ToString() + " Location:" + dr["zip"].ToString();

link = "View\_contract.aspx?id=" + dr["id"].ToString();

}

else if (account == 3) // Staff

{

title = "(staff #" + dr["id"].ToString() + ") " + dr["name"].ToString();

description = " Position:" + dr["field"].ToString() + " Location:" + dr["zip"].ToString();

link = "View\_staff.aspx?id=" + dr["id"].ToString();

}

else

{

title = "Error";

link = "";

description = "Error";

}

// Create a new table row

TableRow r = new TableRow();

TableCell c0 = new TableCell();

c0.Controls.Add(new LiteralControl("<a href='" + link + "'>"

+ title + "</a> : " + description));

r.Cells.Add(c0);

// insert new row into table

tblSearch.Rows.Add(r);

// Modify counter/rowcolor data for next row

counter++;

// Commented out so row color is always the same

/\*if (rowcolor == "r0")

{

rowcolor = "r1";

}

else

{

rowcolor = "r0";

}\*/

}

if (counter == 0)

{

TableRow hr = new TableRow();

hr.CssClass = "ctitle";

TableCell h0 = new TableCell();

h0.Controls.Add(new LiteralControl("Results"));

hr.Cells.Add(h0);

tblSearch.Rows.Add(hr);

TableRow r2 = new TableRow();

TableCell c1 = new TableCell();

c1.Controls.Add(new LiteralControl("0 Results"));

r2.Cells.Add(c1);

tblSearch.Rows.Add(r2);

}

dr.Close();

dr.Dispose();

cmd.Connection.Close();

cmd.Connection.Dispose();

}

}

private static string GetConnectionString()

{

return ConfigurationManager.ConnectionStrings["tpsonlineConnectionString"].ConnectionString;

}

}