技职教育系

Department of Vocational Education

软件工程与移动应用程序开发课程

Software Engineering and Application Developer (SEMD)

个人作业

Assignment

科目	Subject	Object-orientated Programming Using C#
科目编号	Subject Code	SEMD022
中文姓名	Chinese Name	卢诚禧
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学号	Student ID	1850170
分数	Marks	

FinalProject

Welcome To My Web

Login With User will show User Info on nav bar. login with Admin show extra UserMaintanence
Admin Email = admin@gmail.com
Admin Password = admin

Login »

Registration

Email	
Password	
Confirm Password	
Name	
Phone	
Address1	
Address2	
State	
City	
ZipCode	

Register

UserInfo

Email	testing@Gmail.com
Name	1231
Phone	12312
Address1	23123
Address2	1231
City	23123
State	Alabama
ZipCode	123

[Update] [Cancel]

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User Maintenance

Email	Name	Phone	Address1	Address2	City	State	ZipCode	
admin@gmail.com	Admin	123123123	Some way	Some way2	way	Alaska	1850	Select
asdasd@gmail.com	asdasd	asd	asd	asdasd	asdasd	asdasd	asdasd	Select
asdasd@gmail.com1	asda	qweqwe	sdasd	asdasd	asdasd	Alaska	asd	Select
asdasd@Gmail.com123123	1231	asdasda	23123	1231	23123	Alabama	123	Select
asdasd@gmail.com2	1231	asdasd	23123	1231	23123	Alabama	123	Select
asdasd@Gmail.com2121	qweqwe	asdasda	23123	1231	23123	Alabama	123	Select
asdasd@Gmail.com2123	1231	asdasda	23123	1231	23123	Alabama	123	Select
asdasd@Gmail.com22	qweq	asdasda	23123	1231	23123	Alabama	123	Select
asdasd@Gmail.com223	23123123	asdasda	23123	1231	23123	Alabama	123	Select
testing@Gmail.com	1231	12312	23123	1231	23123	Alabama	123	Select

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```csharp
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace FinalProject3
{
    public partial class Register : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename='E:\New Era\Sem 6\SEMD022
C#\SoucreCode\FinalProject3\FinalProject3\App_Data\UserDatabase.mdf';Integrated
Security=True");
        protected void Page_Load(object sender, EventArgs e)
        {
            UnobtrusiveValidationMode = UnobtrusiveValidationMode.None;
        }

        protected void btnRegister_Click(object sender, EventArgs e)
        {
            if (IsValid)
            {
            try
            {
                con.Open();
                SqlCommand cmd = con.CreateCommand();
                cmd.CommandType = CommandType.Text;
                cmd.CommandText = "INSERT INTO [UserAccount]
(Email,Password,Name,Phone,Address1,Address2,State,City,ZipCode) VALUES (@Email, @Password,
@Name, @Phone, @Address1, @Address2, @State, @City, @ZipCode)";

                cmd.Parameters.AddWithValue("@Email", txtEmail.Text);
                cmd.Parameters.AddWithValue("@Password", txtPassword.Text);
                cmd.Parameters.AddWithValue("@Name",txtName.Text);
                cmd.Parameters.AddWithValue("@Phone",txtPhone.Text);
                cmd.Parameters.AddWithValue("@Address1",txtAddress1.Text);
                cmd.Parameters.AddWithValue("@Address2",txtAddress2.Text);
                cmd.Parameters.AddWithValue("@State",txtState.Text);
                cmd.Parameters.AddWithValue("@City",txtCity.Text);
                cmd.Parameters.AddWithValue("@ZipCode",txtZipCode.Text);

                cmd.ExecuteNonQuery();
                con.Close();
```

```csharp
                lblError.Text = "Register Successful";
                ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alertMessage",
"alert('Register Successfully');window.location ='Login.aspx';",true);
            }
            catch (Exception ex)
            {
                lblError.Text = ex.Message;
            }
        }
    }

    protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args)
    {
        try
        {
            con.Open();
            SqlCommand cmd = con.CreateCommand();

            cmd.CommandType = CommandType.Text;
            cmd.CommandText = "SELECT Email FROM [UserAccount] WHERE (Email = @Email)";

            cmd.Parameters.AddWithValue("@Email", args.Value);

            using (SqlDataReader reader = cmd.ExecuteReader())
            {
                reader.Read();
                if (reader.HasRows)
                {
                    args.IsValid = false;
                }
            }

            con.Close();
        }
        catch (Exception ex)
        {
            lblError.Text = ex.Message;
        }
    }

    protected void CustomValidator2_ServerValidate(object source, ServerValidateEventArgs args)
    {
        if (txtPassword.Text != txtCPassword.Text)
        {
            args.IsValid = false;
        }
    }
}
```

```
}
```

```csharp
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace FinalProject3
{
    public partial class Login : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename='E:\New Era\Sem 6\SEMD022
C#\SoucreCode\FinalProject3\FinalProject3\App_Data\UserDatabase.mdf';Integrated
Security=True");
        protected void Page_Load(object sender, EventArgs e)
        {
            UnobtrusiveValidationMode = UnobtrusiveValidationMode.None;
        }

        protected void btnLogin_Click(object sender, EventArgs e)
        {
            bool loginSuccess = false;
            try
            {
                con.Open();
                SqlCommand cmd = con.CreateCommand();

                cmd.CommandType = CommandType.Text;
                cmd.CommandText = "SELECT Email, Password FROM [UserAccount] WHERE (Email =
@Email) AND (Password = @Password)";

                cmd.Parameters.AddWithValue("@Email", txtEmail.Text);
                cmd.Parameters.AddWithValue("@Password", txtPassword.Text);

                using (SqlDataReader reader = cmd.ExecuteReader())
                {
                    reader.Read();
                    if (reader.HasRows)
                    {
                        lblError.Text = reader["Email"].ToString();
                        if(reader["Email"].ToString() == "admin@gmail.com")
```

```
                    {
                        Session["Admin"] = "Admin";
                    }

                    Session["Email"] = reader["Email"].ToString();
                    lblError.Text = Session["Email"].ToString();
                    loginSuccess = true;
                }
                else
                {
                    lblError.Text = "Login Fail, Email or Password Incorrect";
                }
            }

            con.Close();
            if (loginSuccess == true)
            {
                Response.Redirect("Default.aspx");
            }
        }
        catch (Exception ex)
        {
            lblError.Text = ex.Message;
        }
    }
  }
}
```

UserMainternance.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace FinalProject3
{
    public partial class UserMaintenance : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename='E:\New Era\Sem 6\SEMD022
C#\SoucreCode\FinalProject3\FinalProject3\App_Data\UserDatabase.mdf';Integrated
Security=True");
        protected void Page_Load(object sender, EventArgs e)
```

```csharp
    {
        if(Session["Admin"] == null)
        {
            Response.Redirect("Default.aspx");
        }
    }

    protected void DetailsView1_ItemDeleted(object sender, DetailsViewDeletedEventArgs e)
    {
        lblError.Text = "";
        if (e.Exception != null)
        {
            lblError.Text = "An exception occured. " + e.Exception.Message;
        }
        else if (e.AffectedRows == 0)
        {
            lblError.Text = "Another user has updated or deleted that vendor. Please Try Again.";
        }
        else
        {
            grdUser.DataBind();
        }
    }

    protected void DetailsView1_ItemInserted(object sender, DetailsViewInsertedEventArgs e)
    {
        lblError.Text = "";
        if (e.Exception != null)
        {
            lblError.Text = "An exception occured. " + e.Exception.Message;
            e.ExceptionHandled = true;
        }
        else
        {
            grdUser.DataBind();
        }
    }

    protected void DetailsView1_ItemUpdated(object sender, DetailsViewUpdatedEventArgs e)
    {
        lblError.Text = "";
        if (e.Exception != null)
        {
            lblError.Text = "An exception occured. " + e.Exception.Message;
            e.ExceptionHandled = true;
            e.KeepInEditMode = true;
        }
        else if (e.AffectedRows == 0)
```

```csharp
                {
                    lblError.Text = "Another user has updated or deleted that vendor. Please Try Again.";
                }
                else
                {
                    grdUser.DataBind();
                }
            }

        protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args)
        {
            try
            {
                con.Open();
                SqlCommand cmd = con.CreateCommand();

                cmd.CommandType = CommandType.Text;
                cmd.CommandText = "SELECT Email FROM [UserAccount] WHERE (Email = @Email)";

                cmd.Parameters.AddWithValue("@Email", args.Value);

                using (SqlDataReader reader = cmd.ExecuteReader())
                {
                    reader.Read();
                    if (reader.HasRows)
                    {
                        args.IsValid = false;
                    }
                }

                con.Close();
            }
            catch (Exception ex)
            {
                lblError.Text = ex.Message;
            }
        }
    }
}
```

Logout.aspx.cs
```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
```

```csharp
namespace FinalProject3
{
    public partial class Logout : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Session.Clear();
            Session.Abandon();
            Response.Redirect("Default.aspx");
        }
    }
}
```