

## 3<sup>rd</sup> DB Hand in

### Description of the solution

The start page of the solution is the Welcome page which displays pictures of the different event/activities at the Fitness Center. From the welcome page, both members and coaches are able to login. The Welcome page is based on the **member.master** master page.

The login procedure uses member or coach number and password as login parameters and checks both the members and coaches tables. The procedure returns the users role – either member or coach. A stored procedure at the database is called to verify the user.

If a coach logs in to the system the coach will be directed to the coach part of the website where coaches can create, read, update and delete information regarding members, activities and coaches. A coach can access the following pages:

- Create Activity (CreateActivity.aspx), Create Member (CreateMember.aspx), Create Coach (CreateCoach.aspx)
- Delete Activity (Delete Activity.aspx), Delete Member (Delete Member.aspx), Delete Coach (Delete.aspx)
- Display and Update Activity (DisplayUpdateActivity.aspx), Display and Update Member (DisplayUpdateMember.aspx), Display and Update Coach (DisplayUpdateCoach.aspx)
- Display Event Signup (DisplayEventSignup.aspx)

At the create activity page coaches can also upload an activity picture to the website. Only .png and .jpg pictures can be uploaded to the site. All pages a coach can access is based on the **coach.master** master page.

If a member logs in the member will be directed to the members part of the website where members can see their own activity signups. In addition, where members can signup for new activities and cancel/delete a signup for an activity. All pages a member can access is based on the **member.master** master page. A member can access the following pages:

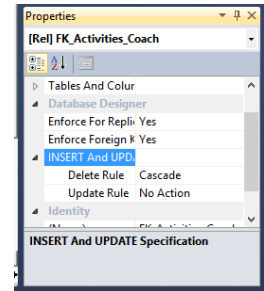
- Signup (MemberSignup.aspx)
- Delete (MemberDelete.aspx)
- Display Signup (MemberCRUD.aspx)

Skin and CSS files are used to layout pages, controls etc. The solution uses Bootstrap to generate the repeater grid at the Welcome page and the grid at the footer on both the member and coach master pages.

If a user who is not logged in at the website tries to enter a page ex. the create activity page, the user will be directed to an error page.

## Cascade deleting

The delete rule cascade is active at the members table. If a member is deleted the members signups at the membersigup table will also be deleted. The same happens if an activity is deleted from the activities table. If a user deletes a coach then the activity, where the coach is responsible also will be deleted through cascade deleting.



## Triggers

Three triggers have been created at the Activities table. TriggerPicture and TriggerPictureManual inserts a picturelink in the Picturelink column if the user leaves the column empty.

```
CREATE TRIGGER [TriggerPicture]
ON [dbo].[Activities]
FOR INSERT, UPDATE
AS
IF (SELECT Picturelink FROM inserted) = ''
UPDATE Activities
SET Picturelink = 'zumba.png'
WHERE Picturelink = '';
```

```
CREATE TRIGGER [TriggerPictureManuel]
ON [dbo].[Activities]
FOR INSERT, UPDATE
AS
IF (SELECT Picturelink FROM inserted) IS NULL
UPDATE Activities
SET Picturelink = 'zumba.png'
WHERE Picturelink IS NULL;
```

Trigger TRG\_ActivitiesHistory will if a record in the activities table are deleted; insert the record into the Activities\_History table. The same could be done at both the Member and Coach Table for later use if the member wants to join the Fitness Center again or the coach will be hired again. Then data easily could be retrieved from the history tables.

```
CREATE TRIGGER TRG_ActivitiesHistory
ON dbo.Activities
AFTER DELETE AS
BEGIN
INSERT INTO Activities_History
SELECT * FROM DELETED
END
```

## Master Pages

The solution uses master pages for the coaches and members pages.

### Coach Master Page

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Coach.Master.cs"
Inherits="HandIn3.Site1" %>

<!DOCTYPE html>
```

```

<html>
<head runat="server">
    <title>HandIn 3</title>
    <link href="~/app_Themes/ThemeMyFitness/MyFitnessStyleSheet.css" rel="stylesheet"
type="text/css" />
    <link href="Content/bootstrap.min.css" rel="stylesheet" />
    <asp:ContentPlaceHolder ID="head" runat="server">
    </asp:ContentPlaceHolder>
</head>
<body>
    <form id="form1" runat="server">
        <div class="headertext">
            <asp:Label ID="LabelHeader" runat="server" Text="MyFitnessCenter"
CssClass="headertext" EnableTheming="False"></asp:Label>
        </div>
        <br />
        <div class="myMenuBar">
            <asp:Menu ID="NavigationMenu" runat="server" CssClass="menu"
EnableViewState="false" IncludeStyleBlock="false" Orientation="Horizontal">
                <Items>
                    <asp:MenuItem NavigateUrl="~/Welcome.aspx" Text="HOME"
Value="HOME"></asp:MenuItem>
                    <asp:MenuItem Text="COACHES" Value="COACHES" Selectable="False">
                        <asp:MenuItem Text="Create new coaches"
NavigateUrl="~/CreateCoach.aspx"></asp:MenuItem>
                        <asp:MenuItem Text="Delete coaches"
NavigateUrl="~/DeleteCoach.aspx"></asp:MenuItem>
                        <asp:MenuItem Text="Display and update coach information"
NavigateUrl="~/DisplayUpdateCoach.aspx"></asp:MenuItem>
                    </asp:MenuItem>
                    <asp:MenuItem Text="MEMBERS" Value="MEMBERS" Selectable="False">
                        <asp:MenuItem NavigateUrl="~/CreateMember.aspx" Text="Create new
members" Value="Create new members"></asp:MenuItem>
                        <asp:MenuItem NavigateUrl="~/DeleteMember.aspx" Text="Delete
members" Value="Delete members"></asp:MenuItem>
                        <asp:MenuItem NavigateUrl="~/DisplayUpdateMember.aspx"
Text="Display and update member information" Value="Display and update member
information"></asp:MenuItem>
                    </asp:MenuItem>
                    <asp:MenuItem Text="ACTIVITIES" Selectable="False">
                        <asp:MenuItem Text="Create new activities"
NavigateUrl="~/CreateActivity.aspx"></asp:MenuItem>
                        <asp:MenuItem Text="Delete activities"
NavigateUrl="~/DeleteActivity.aspx"></asp:MenuItem>
                        <asp:MenuItem Text="Display and update activities"
Value="Display and Update" NavigateUrl="~/DsisplayUpdateActivity.aspx"></asp:MenuItem>
                        <asp:MenuItem NavigateUrl="~/DisplayEventSignUp.aspx"
Text="Display activity signups"></asp:MenuItem>
                    </asp:MenuItem>
                    <asp:MenuItem Text="LOGIN" Value="Login"
NavigateUrl="~/LoginMember.aspx">
                    </asp:MenuItem>
                </Items>
            </asp:Menu>
        </div>
        <br />
        <asp:ContentPlaceHolder ID="ContentPlaceHolder1"
runat="server"></asp:ContentPlaceHolder>
        <br />

```

```

<div class="footer">
<div class="row">
  <div class="col-sm-6 col-md-3">
    <h4>MyFitnessCenter</h4>
    <ul>
      <li><a>About us</a></li>
      <li><a>News</a></li>
      <li><a>Rules</a></li>
    </ul>
  </div>
  <div class="col-sm-6 col-md-3">
    <h4>Help</h4>
    <ul>
      <li><a>Contact us</a></li>
      <li><a>FAQ</a></li>
      <li><a>Newsletter</a></li>
      <li><a>Opening hours</a></li>
    </ul>
  </div>
  <div class="col-sm-6 col-md-3">
    <h4>Career</h4>
    <ul>
      <li><a>Jobs</a></li>
      <li><a>Education</a></li>
    </ul>
  </div>
  <div class="col-sm-6 col-md-3">
    <h4>Address</h4>
    <ul>
      <li><a>MyFitnessCenter</a></li>
      <li><a>Fitness Road 206</a></li>
      <li><a>2800 Lyngby</a></li>
      <li><a>CVR. 1616179</a></li>
    </ul>
  </div>
</div>
</div>
</div>
</form>
</body>
</html>

```

## Member Master Page

```

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Member.master.cs"
Inherits="HandIn3.Member" %>

<!DOCTYPE html>

<html>
<head runat="server">
  <title>HandIn 3</title>
  <link href="~/app_Themes/ThemeMyFitness/MyFitnessStyleSheet.css" rel="stylesheet"
type="text/css" />
  <link href="Content/bootstrap.min.css" rel="stylesheet" />
  <asp:ContentPlaceHolder ID="head" runat="server">
  </asp:ContentPlaceHolder>
</head>
<body>
  <form id="form1" runat="server">

```

```

        <div class="headertext">
            <asp:Label ID="LabelHeader" runat="server" CssClass="headertext"
Text="MyFitnessCenter" EnableTheming="False"></asp:Label>
        </div>
        <br />
        <div class="myMenuBar">
            <asp:Menu ID="NavigationMenu" runat="server" CssClass="menu"
EnableViewState="false" IncludeStyleBlock="false" Orientation="Horizontal">
                <Items>
                    <asp:MenuItem NavigateUrl="~/Welcome.aspx" Text="HOME"
Value="HOME"></asp:MenuItem>
                    <asp:MenuItem Text="SIGNUP" Selectable="False">
                        <asp:MenuItem Text="Signup to activity" Value="Signup to
activity" NavigateUrl="~/MemberSignup.aspx"></asp:MenuItem>
                        <asp:MenuItem Text="Delete a signup" Value="Delete a signup"
NavigateUrl="~/MemberSignUpDelete.aspx"></asp:MenuItem>
                        <asp:MenuItem NavigateUrl="~/MemberCRUD.aspx" Text="Display
signups" Value="Display signups"></asp:MenuItem>
                    </asp:MenuItem>
                    <asp:MenuItem Text="LOGIN" Value="Login"
NavigateUrl="~/LoginMember.aspx"></asp:MenuItem>
                </Items>
            </asp:Menu>
        </div>
        <br />
        <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
        </asp:ContentPlaceHolder>
        <br />
        <div class="footer">
        <div class="row">
            <div class="col-sm-6 col-md-3">
                <h4>MyFitnessCenter</h4>
                <ul>
                    <li><a>About us</a></li>
                    <li><a>News</a></li>
                    <li><a>Rules</a></li>
                </ul>
            </div>
            <div class="col-sm-6 col-md-3">
                <h4>Help</h4>
                <ul>
                    <li><a>Contact us</a></li>
                    <li><a>FAQ</a></li>
                    <li><a>Newsletter</a></li>
                    <li><a>Opening hours</a></li>
                </ul>
            </div>
            <div class="col-sm-6 col-md-3">
                <h4>Career</h4>
                <ul>
                    <li><a>Jobs</a></li>
                    <li><a>Education</a></li>
                </ul>
            </div>
            <div class="col-sm-6 col-md-3">
                <h4>Address</h4>
                <ul>
                    <li><a>MyFitnessCenter</a></li>
                    <li><a>Fitness Road 206</a></li>
                    <li><a>2800 Lyngby</a></li>
                </ul>
            </div>
        </div>
    
```

```
        <li><a>CVR. 1616179</a></li>
    </ul>
</div>
</div>
</div>
</form>
<script src="Scripts/bootstrap.js" ></script>
<script src="Scripts/jquery-2.1.4.js" ></script>
</body>
</html>
```

## Theme

The theme – ThemeMyFitness - consists of skin and CSS files.

### CSS file – myFitnessStyleSheet.css

```
body
{
    margin-left:20px; margin-top:10px; margin-right:20px; margin-bottom:10px; line-height:
1.4;
}

.headertext
{
    font-family:'Open Sans', sans-serif; font-size:24px; text-align:center; font-weight:
bold;
}

.toptext
{
    font-family:'Open Sans', sans-serif; font-size:16px; font-weight: bold;
}

.footertext
{
    font-family: 'Open Sans', sans-serif; font-size: 14px; text-align: center;
}

.myTable
{
    text-align: left; width: 80%;
}

.myTableContCol1
{
    width: 150px; height: 35px;
}

.myTableContCol2
{
    width: 200px; height: 35px;
}

.myUserlevel
{

```

```
    font-family: 'Open Sans'; font-size: 12px; text-align: right;
}

.myMenuBar
{
    background-color: #3a4f63; width: 100%; font-family: Verdana; font-size: 14px; text-align: left;
}

.menu
{
    background-color: #3a4f63; padding: 3px 3px 3px 3px;
}

.menu ul
{
    list-style: none; margin: 3px 3px 3px 3px; padding: 3px 3px 3px 3px; width: auto;
}

.menu ul li a
{
    background-color: #3a4f63;
    border: 1px #4e667d solid;
    color: #dde4ec;
    display: block;
    line-height: 1.25em;
    padding: 3px 20px;
    text-decoration: none;
    white-space: nowrap;
}

.menu ul li a:visited
{
    background-color: #3a4f63;
    border: 1px #4e667d solid;
    color: #dde4ec;
    display: block;
    line-height: 1.25em;
    padding: 3px 20px;
    text-decoration: none;
    white-space: nowrap;
}

.menu ul li a:hover
{
    background-color: #bfcdb6; color: #465c71; text-decoration: none;
}

.menu ul li a:active
{
    background-color: #465c71; color: #cfdbe6; text-decoration: none;
}

.footer a, .footer p
{
    color: #999;
}

.footer
{
```

---

```
        background-color: #262626;
    }

    .footer h4
    {
        color: #fff; font-size: 16px; letter-spacing: 0.4px; font-family: 'Open Sans', sans-serif; font-size: 18px; font-weight: 700; padding-top: 3px; padding-right: 3px; padding-bottom: 3px; padding-left: 3px; margin-top: 2px; margin-right: 0px; margin-bottom: 2px; margin-left: 0px;
    }

    .footer li
    {
        list-style-type: none; padding-top: 3px; padding-right: 3px; padding-bottom: 3px; padding-left: 3px; margin-top: 3px; margin-right: 3px; margin-bottom: 3px; margin-left: 3px; text-align: left; font-size: 14px;
    }

    .text-center
    {
        text-align: center;
    }

    .row
    {
        margin-left: 3px; margin-right: 3px;
    }

    .GridViewStyle
    {
        border: 1px solid #BFCBD6; border-collapse: collapse; font-family: 'Open Sans', sans-serif; table-layout: auto; font-size: 14px;
    }

    /*Header*/
    .HeaderStyle
    {
        border: 1px solid #ddd; background-color: #3a4f63; color: #dde4ec;
    }

    .HeaderStyle th
    {
        padding: 3px 3px 3px 3px; color: #cfdbe6; text-align: center;
    }

    /*Row*/
    .RowStyle
    {
        text-align: center; background-color: #fff;
    }

    .RowStyle td
    {
        padding: 3px 3px 3px 3px; border-color: #BFCBD6;
    }

    .RowStyle: hover
    {
        cursor: pointer; background-color: #f69542;
    }

    .AlternatingRowStyle
```

---



```

{
    text-align: center; background-color:#bfcdbd;
}

.AlternatingRowStyle td
{
    padding:3px 3px 3px 3px; border-color: #BFCBD6;
}

.AlternatingRowStyle:hover
{
    cursor: pointer; background-color: #f69542;
}

```

## Skin Files

I have created four different skin files for the **Button** (Button.skin), **Dropdown List** (DropDownList.skin), **Label** (Label.skin) and **Textbox** (TextBox.skin) controls.

### Button.skin

```

<asp:Button runat="server" BorderStyle="None" Font-Names="Open Sans" Font-Size="14px"
ForeColor="#DDE4EC" BackColor="#3A4F63" Width="125px" Height="30px" />

```

### DropDownList.skin

```

<asp:DropDownList runat="server" Font-Names="Open Sans" Font-Size="Small"
BorderColor="Silver" Height="30px" Width="300px" />

```

### Label.skin

```

<asp:Label runat="server" Font-Names="Open Sans" Font-Bold="True" Font-Size="Small"
Height="30px" />

```

### TextBox.skin

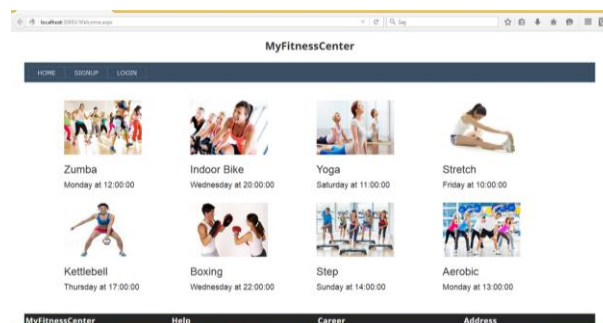
```

<asp:TextBox runat="server" Font-Names="Open Sans" Font-Size="Small" BorderWidth="1px"
BorderColor="Silver" Height="30px" Width="300px" />

```

## Welcome Page

The welcome page uses a repeater to display activity pictures and text.



## Welcome.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Member.Master" AutoEventWireup="true"
CodeBehind="Welcome.aspx.cs" Inherits="HandIn3.Welcome" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <asp:Label ID="LabelMessage" runat="server"></asp:Label>
    <br />
    <div class="container">
        <asp:Repeater ID="RepeaterWelcome" runat="server">
            <ItemTemplate>
                <div class="col-sm-6 col-md-3">
                    " alt="fitness" width="175"
height="120" />
                    <h3 class="myitem"><%# Eval("Title") %></h3>
                    <h4 class="myitem"><%# Eval("Weekday") %> at <%# Eval("Time") %></h4>
                    <br />
                </div>
            </ItemTemplate>
        </asp:Repeater>
    </div>
</asp:Content>
```

## Welcome.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;

namespace HandIn3
{
    public partial class Welcome : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
            SqlDataReader rdr = null;
            SqlCommand cmd = null;
            string sqlsel = "select Title, Weekday, Time, Picturelink from activities";

            try
            {
                conn.Open();

                cmd = new SqlCommand(sqlsel, conn);
                rdr = cmd.ExecuteReader();

                rdr.Close();

                rdr = cmd.ExecuteReader();

                RepeaterWelcome.DataSource = rdr;
            }
        }
    }
}
```

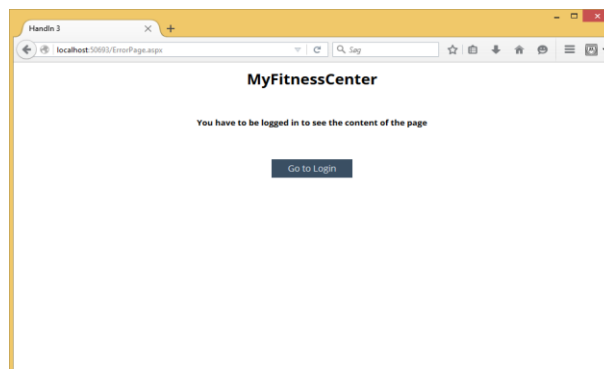
```

        RepeaterWelcome.DataBind();
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}
}
}

```

## Error Page

If a user tries to enter on of the pages in the solution and the user is not logged in to the system; then the user will be directed to the error page. The userlevel in the session is used.



## ErrorPage.aspx

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="ErrorPage.aspx.cs"
Inherits="HandIn3.ErrorPage" Theme="ThemeMyFitness" %>

```

```

<!DOCTYPE html>

```

```

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

```

```

<head runat="server">

```

```

    <title>HandIn 3</title>

```

```

</head>

```

```

<body>

```

```

    <form id="form1" runat="server">

```

```

        <div class="headertext">

```

```

            <asp:Label ID="LabelHeader" runat="server" CssClass="headertext"
Text="MyFitnessCenter" EnableTheming="False"></asp:Label>

```

```

            <br />

```

```

            <br />

```

```

            <asp:Label ID="LabelError" runat="server" Text="You have to be logged in to see the
content of the page"></asp:Label>

```

```

            <br />

```

```

            <br />

```

```
        <asp:Button ID="ButtonReturn" runat="server" OnClick="ButtonReturn_Click" Text="Go
to Login" />
    </div>
</form>
</body>
</html>
```

### ErrorPage.aspx.cs

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

namespace HandIn3
{
    public partial class ErrorPage : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

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

## Login Page

Users logs in using their member or coach number and password as parameters. A stored procedure **MemberLogin** is used at the login page to verify the user:

```
CREATE PROCEDURE [dbo].[MemberLogin]
    @MemberNumb int,
    @Pass nvarchar(50),
    @LoginCount int = 0 OUTPUT
AS
    /* Check if login is a member */
    BEGIN
        SELECT @LoginCount = COUNT(*)
        FROM Members
        WHERE MemberNumber = @MemberNumb AND Password = @Pass;
    END

    /* If @Logincount = 0, no records found, check if it's a coach */
    IF (@LoginCount = 0)
    BEGIN
        SELECT @LoginCount = COUNT(*)
        FROM Coach
        WHERE CoachNumber = @MemberNumb AND Password = @Pass;
    /* If a coach is found set return value to 2 */
        IF (@LoginCount = 1)
```

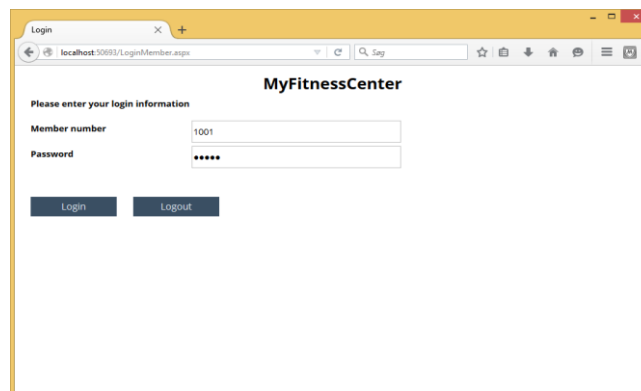
```

BEGIN
    SET @LoginCount = 2;
END

RETURN @LoginCount
/* RETURN 1 if a member is found */
/* RETURN 2 if a coach is found */
/* RETURN 0 if either a member or coach is found */

RETURN

```



### LoginMember.aspx

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="LoginMember.aspx.cs"
Inherits="HandIn3.LoginMember" Theme="ThemeMyFitness" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login</title>
</head>
<body>
    <form id="form1" runat="server">
        <div class="headertext">
            <asp:Label ID="LabelHeader" runat="server" CssClass="headertext"
Text="MyFitnessCenter" EnableTheming="False"></asp:Label>
            <br />
        </div>
        <table class="myTable">
            <tr>
                <td colspan="2">
                    <asp:Label ID="LabelLogin" runat="server" Text="Please enter your login
information"></asp:Label>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelMemberNumber" runat="server" Text="Member
number"></asp:Label>
                </td>
                <td class="myTableContCol2">

```

MemberLogin.aspx.cs

---

```

        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        SqlDataReader rdr = null;

        if ((String.IsNullOrEmpty(TextBoxPassword.Text.Trim())) ||
(String.IsNullOrEmpty(TextBoxMemberNumber.Text.Trim()))
        {
            LabelMessage.Text = "Please provide login information (number and
password)";
        }
        else
        {
            try
            {
                conn.Open();

                cmd = conn.CreateCommand();
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.CommandText = "MemberLogin"; //Stored Procedure

                // input parameter to stored procedure MemberNumber
                SqlParameter in1 = cmd.Parameters.Add("@MemberNumb", SqlDbType.Int);
                in1.Direction = ParameterDirection.Input;
                in1.Value = Convert.ToInt32(TextBoxMemberNumber.Text);

                // input parameter to stored procedure Password
                SqlParameter in2 = cmd.Parameters.Add("@Pass", SqlDbType.Text);
                in2.Direction = ParameterDirection.Input;
                in2.Value = TextBoxPassword.Text;

                // return value from Stored procedure (1 if user exists, 0 if no user)
                SqlParameter returnvalCount = cmd.Parameters.Add("return_value",
SqlDbType.Int);
                returnvalCount.Direction = ParameterDirection.ReturnValue;

                // execute stored procedure
                rdr = cmd.ExecuteReader();

                // reader has to be closed
                rdr.Close();

                // return value to mycount
                int mycount = Convert.ToInt32(cmd.Parameters["return_value"].Value);

                //check and login
                if (mycount == 1) //Member
                {
                    userlevel = 1;
                    membernumber = Convert.ToInt32(TextBoxMemberNumber.Text);
                    password = TextBoxPassword.Text;
                    //set session parameters
                    Session["Level"] = userlevel;
                    Session["MemberNumber"] = membernumber;
                    //go to display signups
                    Response.Redirect("MemberCRUD.aspx");
                }
                if (mycount == 2) //Coach
                {
                    userlevel = 2;

```

---

```

        membernumber = Convert.ToInt32(TextBoxMemberNumber.Text);
        password = TextBoxPassword.Text;
        //set session parameters
        Session["Level"] = userlevel;
        Session["MemberNumber"] = membernumber;
        Response.Redirect("DisplayUpdateCoach.aspx");
    }
    else
    {
        LabelMessage.Text = "You are not a registered member. Please contact
member administration;";
        userlevel = 0;
        //Response.Redirect("Welcome.aspx")
    }
}
catch (Exception ex)
{
    LabelMessage.Text = ex.Message;
}

finally
{
    conn.Close();
}
}

protected void ButtonLogout_Click(object sender, EventArgs e)
{
    userlevel = 0;
    Session["Level"] = userlevel;
    LabelMessage.Text = "You are logged out";
    //SetButtonAndText();
}
}
}

```

## Display Member Signup

DataAdapter is used in the C# code.

### MemberCRUD.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Member.Master" AutoEventWireup="true"
CodeBehind="MemberCRUD.aspx.cs" Inherits="HandIn3.MemberCRUD" Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >You are signup for the following activity</p>
        <asp:GridView ID="GridViewMember" runat="server" EmptyDataText="You are not signed
up for any activities" width=600px AutoGenerateColumns="True" CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />

```



```
        <FooterStyle CssClass="FooterStyle" />
        <RowStyle CssClass="RowStyle" />
        <AlternatingRowStyle CssClass="AlternatingRowStyle" />
    </asp:GridView>
    <br />
    <asp:Label ID="LabelMessage" runat="server"></asp:Label>
    <br />
</div>
</asp:Content>
```

### MemberCRUD.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;

namespace HandIn3
{
    public partial class MemberCRUD : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            if (!Page.IsPostBack)
            {
                UpdateGridView();
            }

            UpdateGridView();
            LabelMessage.Text = "";
        }

        private void UpdateGridView()
```

```
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlDataAdapter da = null;
    DataSet ds = null;
    DataTable dt = null;
    SqlCommand cmd = null;
    string sqlsel = "select membersignup.ActivityID as Number, Activities.Title,
Activities.Weekday, Activities.Time from Membersignup, Activities where MemberID = @MemberID
and ActivityNumber = Membersignup.activityID";

    try
    {
        // conn.Open(); SqlDataAdapter open the connection by itself
        da = new SqlDataAdapter();

        cmd = new SqlCommand(sqlsel, conn);

        cmd.Parameters.Add("@MemberID", SqlDbType.Int, 4, "MemberID");
        cmd.Parameters["@MemberID"].Value = membernumber;

        da.SelectCommand = cmd;

        ds = new DataSet();
        da.Fill(ds, "SignUps");

        dt = ds.Tables["SignUps"];

        GridViewMember.DataSource = dt;
        GridViewMember.DataBind();
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close(); // SqlDataAdapter closes the connection by itself, but can
fail in case of errors
    }
}

private void SetButtonAndText()
{
    if (userlevel == 1)
    {
        LabelUserLevel.Text = "You are logged in as a member ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
```

## Member Signup

DataAdapter is used in the C# code.

### MemberSignUp.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Member.Master" AutoEventWireup="true"
CodeBehind="MemberSignup.aspx.cs" Inherits="HandIn3.MemberSignup" Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Signup for activity</p>
        <asp:GridView ID="GridViewActivity" runat="server" AutoGenerateColumns="True"
width=600px CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
        </asp:GridView>
        <br />
        <asp:DropDownList ID="DropDownListActivity" runat="server"
OnSelectedIndexChanged="DropDownListActivity_SelectedIndexChanged">
        </asp:DropDownList>
        <br />
        <br />
        <asp:Label ID="LabelMessage" runat="server"></asp:Label>
        <br />
        <br />
        <asp:Button ID="ButtonCreate" runat="server" OnClick="ButtonCreate_Click"
Text="Submit" />
        <br />
    </div>
</asp:Content>
```

### MemberSignup.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;

namespace HandIn3
{
    public partial class MemberSignup : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
```

```
{
    try
    {
        // get userlevel from session (login)
        userlevel = (int)Session["Level"];
        membernumber = (int)Session["MemberNumber"];
    }
    catch (NullReferenceException nre)
    {
        //if user not logged in set userlevel to 0
        userlevel = 0;
        Session["Level"] = userlevel;
        LabelMessage.Text = nre.Message;
    }
    finally
    {
        // display userlevel or go to error page if not logged in
        SetButtonAndText();
    }

    if (!Page.IsPostBack)
    {
        UpdateGridView();
        DropDownListActivity.AutoPostBack = true;
        ButtonCreate.Enabled = false;
    }

    LabelMessage.Text = "";
    ButtonCreate.Enabled = false;
}

private void UpdateGridView()
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlDataAdapter da = null;
    DataSet ds = null;
    DataTable dt = null;
    SqlCommand cmd = null;
    // select activities where a member is not already signed up
    string sqlsel = "SELECT A.ActivityNumber as Number, A.Title, A.Description,
A.Weekday, A.Time FROM Activities A LEFT JOIN MemberSignup M on A.ActivityNumber =
M.ActivityId AND M.MemberId = @MemberID WHERE M.ActivityId IS null";

    try
    {
        // conn.Open(); SqlDataAdapter open the connection by itself
        da = new SqlDataAdapter();
        cmd = new SqlCommand(sqlsel, conn);

        cmd.Parameters.Add("@MemberID", SqlDbType.Int, 4, "MemberID");
        cmd.Parameters["@MemberID"].Value = membernumber;

        da.SelectCommand = cmd;

        //dataset
        ds = new DataSet();
        da.Fill(ds, "Activity");

        //datatable
```

```
dt = ds.Tables["Activity"];

// populate gridview
GridViewActivity.DataSource = dt;
GridViewActivity.DataBind();

//populate dropdownlist with activities
DropDownListActivity.Items.Clear();
DropDownListActivity.DataSource = dt;
DropDownListActivity.DataTextField = "Title";
DropDownListActivity.DataValueField = "Number";
DropDownListActivity.DataBind();
DropDownListActivity.Items.Insert(0, "Select an activity");

}
catch (Exception ex)
{
    LabelMessage.Text = ex.Message;
}
finally
{
    conn.Close(); // SqlDataAdapter closes the connection by itself, but can
fail in case of errors
}
}

protected void DropDownListActivity_SelectedIndexChanged(object sender, EventArgs e)
{
    LabelMessage.Text = "You chose to signup for activity " +
DropDownListActivity.SelectedValue;
    ButtonCreate.Enabled = true;
}

protected void ButtonCreate_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlDataAdapter da = null;
    DataSet ds = null;
    DataTable dt = null;
    SqlCommand cmd = null;
    string sqlsel = "select * from MemberSignup";
    string sqlins = "insert into MemberSignup values(@MemberID, @ActivityID)";

    try
    {
        // conn.Open(); SqlDataAdapter open the connection by itself
        da = new SqlDataAdapter();
        da.SelectCommand = new SqlCommand(sqlsel, conn);

        // dataset
        ds = new DataSet();
        da.Fill(ds, "SignUp");

        // datatable
        dt = ds.Tables["SignUp"];

        // new row and add input data to table
        DataRow newrow = dt.NewRow();
        newrow["MemberID"] = membernumber;
    }
}
```

```
newrow["ActivityID"] = DropDownListActivity.SelectedValue;

// add the new row to the table
dt.Rows.Add(newrow);

// add parameters to command
cmd = new SqlCommand(sqlins, conn);
cmd.Parameters.Add("@MemberID", SqlDbType.Int, 4, "MemberID");
cmd.Parameters.Add("@ActivityID", SqlDbType.Int, 4, "ActivityID");

cmd.Parameters["@MemberID"].Value = membernumber;
cmd.Parameters["@ActivityID"].Value =
Convert.ToInt32(DropDownListActivity.SelectedValue);

da.InsertCommand = cmd;
da.Update(ds, "SignUp");

LabelMessage.Text = "Signup added";
}
catch (Exception ex)
{
    LabelMessage.Text = ex.Message;
}
finally
{
    conn.Close(); // SqlDataAdapter closes the connection by itself, but can
fail in case of errors
}

UpdateGridView();
}

private void SetButtonAndText()
{
    if (userlevel == 1)
    {
        //display login status/role
        LabelUserLevel.Text = "You are logged in as a member ";
    }
    else
    {
        //if no userlevel in session go to error page
        Response.Redirect("ErrorPage.aspx");
    }
}
}
}
```

## Member Signup Delete

DataAdapter is used in the C# code.

## MemberSignupDelete.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Member.Master" AutoEventWireup="true"
CodeBehind="MemberSignUpDelete.aspx.cs" Inherits="HandIn3.MemberSignUpDelete"
Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Delete a signup</p>
        <asp:GridView ID="GridViewMember" runat="server" AutoGenerateColumns="True"
width=600px CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
        </asp:GridView>
        <br />
        <asp:DropDownList ID="DropDownListSignup" runat="server"
OnSelectedIndexChanged="DropDownListSignup_SelectedIndexChanged">
        </asp:DropDownList>
        <br />
        <br />
        <asp:Label ID="LabelMessage" runat="server"></asp:Label>
        <br />
        <br />
        <asp:Button ID="ButtonDelete" runat="server" OnClick="ButtonDelete_Click"
Text="Delete" />
        <br />
    </div>
</asp:Content>
```

## MemberSignupDelete.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;

namespace HandIn3
{
    public partial class MemberSignUpDelete : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
        }
    }
}
```

```
    }
    catch (NullReferenceException nre)
    {
        userlevel = 0;
        Session["Level"] = userlevel;
        LabelMessage.Text = nre.Message;
    }
    finally
    {
        SetButtonAndText();
    }

    if (!Page.IsPostBack)
    {
        UpdateGridView();
        DropDownListSignup.AutoPostBack = true;
        ButtonDelete.Enabled = false;
    }

    LabelMessage.Text = "";
    ButtonDelete.Enabled = false;
}

private void UpdateGridView()
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlDataAdapter da = null;
    DataSet ds = null;
    DataTable dt = null;
    SqlCommand cmd = null;
    string sqlsel = "select membersignup.ActivityID as [Activity Number],
Activities.Title, Activities.Weekday, Activities.Time from membersignup, Activities where
MemberID = @MemberID and ActivityNumber = ActivityID";

    try
    {
        // conn.Open(); SqlDataAdapter open the connection by itself
        da = new SqlDataAdapter();

        cmd = new SqlCommand(sqlsel, conn);

        cmd.Parameters.Add("@MemberID", SqlDbType.Int, 4, "MemberID");
        cmd.Parameters["@MemberID"].Value = membernumber;

        da.SelectCommand = cmd;

        ds = new DataSet();
        da.Fill(ds, "SignUps");

        dt = ds.Tables["SignUps"];

        GridViewMember.DataSource = dt;
        GridViewMember.DataBind();

        DropDownListSignup.Items.Clear();
        DropDownListSignup.DataSource = dt;
        DropDownListSignup.DataTextField = "Title";
        DropDownListSignup.DataValueField = "Activity Number";
        DropDownListSignup.DataBind();
    }
}
```



```
        DropDownListSignup.Items.Insert(0, "Select a signup");
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close(); // SqlDataAdapter closes the connection by itself, but can
fail in case of errors
    }
}

protected void ButtonDelete_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlDataAdapter da = null;
    SqlCommandBuilder cb = null;
    DataSet ds = null;
    DataTable dt = null;
    SqlCommand cmd = null;
    string sqlsel = "select * from membersignup where memberid = @MemberID";

    try
    {
        // conn.Open(); SqlDataAdapter open the connection by itself
        da = new SqlDataAdapter();

        cmd = new SqlCommand(sqlsel, conn);

        cmd.Parameters.Add("@MemberID", SqlDbType.Int, 4, "MemberID");
        cmd.Parameters["@MemberID"].Value = membernumber;

        da.SelectCommand = cmd;

        cb = new SqlCommandBuilder(da);

        ds = new DataSet();
        da.Fill(ds, "SignUp");

        dt = ds.Tables["SignUp"];

        foreach (DataRow dr in dt.Select("ActivityID = " +
Convert.ToInt32(DropDownListSignup.SelectedValue)))
        {
            dr.Delete();
        }

        da.Update(ds, "SignUp");
        LabelMessage.Text = "Signup has been deleted";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {

```

```
        conn.Close(); // SqlDataAdapter closes the connection by itself, but can
fail in case of errors
    }

    UpdateGridView();
}

protected void DropDownListSignup_SelectedIndexChanged(object sender, EventArgs e)
{
    LabelMessage.Text = "You chose your signup for activity " +
DropDownListSignup.SelectedValue;
    ButtonDelete.Enabled = true;
}

private void SetButtonAndText()
{
    if (userlevel == 1)
    {
        LabelUserLevel.Text = "You are logged in as a member ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
```

## Display Members Activity Signup

Datreader is used.

### DisplayEventSignup.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="DisplayEventSignUp.aspx.cs" Inherits="HandIn3.DisplayEventSignUp"
Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Select an Activity to display signup</p>
        <asp:GridView ID="GridViewActivity" runat="server"
OnSelectedIndexChanged="GridViewUpdate_SelectedIndexChanged" AutoGenerateColumns="True"
CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
        <Columns>
            <asp:CommandField ShowSelectButton="True" />
        </Columns>
    </asp:GridView>
```

```
<p >
</p>
<p >
<asp:Label ID="LabelMessage" runat="server"></asp:Label>
</p>
<p >
</p>
<p >
<asp:GridView ID="GridViewSignUp" runat="server" EmptyDataText="No members are
signed up" AutoGenerateColumns="True" CssClass="GridViewStyle">
    <HeaderStyle CssClass="HeaderStyle" />
    <FooterStyle CssClass="FooterStyle" />
    <RowStyle CssClass="RowStyle" />
    <AlternatingRowStyle CssClass="AlternatingRowStyle" />
</asp:GridView>
</p>
</div>
</asp:Content>
```

#### DisplayEventSignup.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;

namespace HandIn3
{
    public partial class DisplayEventSignUp : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            UpdateGridView();
        }
    }
}
```

```
    }

    public void UpdateGridView()
    {
        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        SqlDataReader rdr = null;
        string sqlsel = "select activitynumber as [Activity Number], Title, Description,
Weekday, Time, coach.Name from activities, coach where activities.coachid =
coach.coachnumber";

        try
        {
            conn.Open();
            cmd = new SqlCommand(sqlsel, conn);
            rdr = cmd.ExecuteReader();

            GridViewActivity.DataSource = rdr;
            GridViewActivity.DataBind();
        }
        catch (Exception ex)
        {
            LabelMessage.Text = ex.Message;
        }
        finally
        {
            conn.Close();
        }
    }

    protected void GridViewUpdate_SelectedIndexChanged(object sender, EventArgs e)
    {
        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        SqlDataReader rdr = null;
        string sqludp = "select membersignup.activityid as [Activity Number],
membersignup.memberid as [Member Number], members.name as Name from membersignup, members
where membersignup.activityid = @ActivityNumber and membersignup.memberid = membernumber";

        try
        {
            conn.Open();

            cmd = new SqlCommand(sqludp, conn);
            cmd.Parameters.Add("@ActivityNumber", SqlDbType.Int);

            // Cells[count] select is 0
            cmd.Parameters["@ActivityNumber"].Value =
Convert.ToInt32(GridViewActivity.SelectedRow.Cells[1].Text);

            rdr = cmd.ExecuteReader();

            LabelMessage.Text = "Signed up for the activity";

            GridViewSignUp.DataSource = rdr;
            GridViewSignUp.DataBind();
        }
    }
}
```

---

```
        catch (Exception ex)
        {
            LabelMessage.Text = ex.Message;
        }

        finally
        {
            conn.Close();
        }
    }

    private void SetButtonAndText()
    {
        if (userlevel == 2)
        {
            LabelUserLevel.Text = "You are logged in as a coach ";
        }
        else
        {
            Response.Redirect("ErrorPage.aspx");
        }
    }
}
```

## Display and Update Activity Information

### DisplayUpdateActivity.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="DsisplayUpdateActivity.aspx.cs" Inherits="HandIn3.DsisplayUpdateActivity"
Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <p class="myUserlevel" >
        <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
    <p class="toptext" >Please select an activity to update information</p>
    <p>
        <asp:GridView ID="GridViewUpdate" runat="server"
OnSelectedIndexChanged="GridViewUpdate_SelectedIndexChanged" AutoGenerateColumns="True"
CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
            <Columns>
                <asp:CommandField ShowSelectButton="True" />
            </Columns>
        </asp:GridView>
    </p>
    <p>
        <asp:Label ID="LabelMessage" runat="server"></asp:Label>
    </p>
</div>
```

```
<table class="myTable">
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelActivityNumber" runat="server" Text="Activity
number"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxActivityNumber" runat="server"></asp:TextBox>
    </td>
  </tr>
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelTitle" runat="server" Text="Title"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxTitle" runat="server"></asp:TextBox>
    </td>
  </tr>
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelDescription" runat="server"
Text="Description"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxDescription" runat="server"></asp:TextBox>
    </td>
  </tr>
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelWeekday" runat="server" Text="Weekday"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxWeekday" runat="server"></asp:TextBox>
    </td>
  </tr>
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelTime" runat="server" Text="Time"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxTime" runat="server"></asp:TextBox>
    </td>
  </tr>
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelPicturelink" runat="server"
Text="Picturelink"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxPicturelink" runat="server"></asp:TextBox>
    </td>
  </tr>
  <tr>
    <td class="myTableContCol1">
      <asp:Label ID="LabelCoachID" runat="server" Text="Coach Number"></asp:Label>
    </td>
    <td class="myTableContCol2">
      <asp:TextBox ID="TextBoxCoachNumber" runat="server"></asp:TextBox>
    </td>
  </tr>
</table>
```

```
        </table>
        <br />
        <asp:Button ID="ButtonUpdate" runat="server" OnClick="ButtonUpdate_Click"
Text="Update" />
        <br />
    </div>
</asp:Content>
```

#### DisplayUpdateActivity.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;

namespace HandIn3
{
    public partial class DsisplayUpdateActivity : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            if (!Page.IsPostBack)
            {
                // On show button
                ButtonUpdate.Enabled = false;
            }

            UpdateGridView();
        }

        public void UpdateGridView()
        {

```

```
        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        SqlDataReader rdr = null;
        string sqlsel = "select activitynumber as [Activity Number], Title, Description,
Weekday, Time, picturelink as Picture, coachid as [Coach Number] from activities";

        try
        {
            conn.Open();
            cmd = new SqlCommand(sqlsel, conn);
            rdr = cmd.ExecuteReader();

            GridViewUpdate.DataSource = rdr;
            GridViewUpdate.DataBind();
        }
        catch (Exception ex)
        {
            LabelMessage.Text = ex.Message;
        }
        finally
        {
            conn.Close();
        }
    }

    protected void GridViewUpdate_SelectedIndexChanged(object sender, EventArgs e)
    {
        // Cells[count] select is 0
        TextBoxActivityNumber.Text = GridViewUpdate.SelectedRow.Cells[1].Text;
        TextBoxTitle.Text = GridViewUpdate.SelectedRow.Cells[2].Text;
        TextBoxDescription.Text = GridViewUpdate.SelectedRow.Cells[3].Text;
        TextBoxWeekday.Text = GridViewUpdate.SelectedRow.Cells[4].Text;
        TextBoxTime.Text = GridViewUpdate.SelectedRow.Cells[5].Text;
        TextBoxPicturelink.Text = GridViewUpdate.SelectedRow.Cells[6].Text;
        TextBoxCoachNumber.Text = GridViewUpdate.SelectedRow.Cells[7].Text;
        LabelMessage.Text = "You have chosen activity number " +
GridViewUpdate.SelectedRow.Cells[1].Text;

        // show button
        ButtonUpdate.Enabled = true;
    }

    protected void ButtonUpdate_Click(object sender, EventArgs e)
    {
        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        string sqludp = "update activities set ActivityNumber = @ActivityNumber, Title =
@Title, Description = @Description, Weekday = @Weekday, Time = @Time, Picturelink =
@Picturelink, CoachID = @CoachID where ActivityNumber = @ActivityNumber";
        // remember where : else every row will have new data

        try
        {
            conn.Open();

            cmd = new SqlCommand(sqludp, conn);
            cmd.Parameters.Add("@ActivityNumber", SqlDbType.Int);
            cmd.Parameters.Add("@Title", SqlDbType.Text);
```



```

        cmd.Parameters.Add("@Description", SqlDbType.Text);
        cmd.Parameters.Add("@Weekday", SqlDbType.Text);
        cmd.Parameters.Add("@Time", SqlDbType.Time);
        cmd.Parameters.Add("@Picturelink", SqlDbType.Text);
        cmd.Parameters.Add("@CoachID", SqlDbType.Int);

        cmd.Parameters["@ActivityNumber"].Value =
Convert.ToInt32(TextBoxActivityNumber.Text);
        cmd.Parameters["@Title"].Value = TextBoxTitle.Text;
        cmd.Parameters["@Description"].Value = TextBoxDescription.Text;
        cmd.Parameters["@Weekday"].Value = TextBoxWeekday.Text;
        cmd.Parameters["@Time"].Value =
Convert.ToDateTime(TextBoxTime.Text).ToString("HH:mm:ss");
        cmd.Parameters["@Picturelink"].Value = TextBoxPicturelink.Text;
        cmd.Parameters["@CoachID"].Value = Convert.ToInt32(TextBoxCoachNumber.Text);

        cmd.ExecuteNonQuery();

        LabelMessage.Text = "Activity has been updated";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }

    UpdateGridView();
}

private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
}
}

```

## Display and Update Member Information

### DisplayUpdateMember.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="DisplayUpdateMember.aspx.cs" Inherits="HandIn3.DisplayUpdateMember"
Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

```

```

<div>
  <p class="myUserlevel" >
    <asp:Label ID="LabelUserLevel" runat="server" EnableTheming="False"></asp:Label>
  </p>
  <p class="toptext" >Please select a member to update information</p>
  <asp:GridView ID="GridViewUpdate" runat="server"
OnSelectedIndexChanged="GridViewUpdate_SelectedIndexChanged" AutoGenerateColumns="True"
CssClass="GridViewStyle">
    <HeaderStyle CssClass="HeaderStyle" />
    <FooterStyle CssClass="FooterStyle" />
    <RowStyle CssClass="RowStyle" />
    <AlternatingRowStyle CssClass="AlternatingRowStyle" />
    <Columns>
      <asp:CommandField ShowSelectButton="True" />
    </Columns>
  </asp:GridView>
  <br />
  <asp:Label ID="LabelMessage" runat="server"></asp:Label>
  <br />
  <br />
  <table class="myTable">
    <tr>
      <td class="myTableContCol1">
        <asp:Label ID="LabelMemberNumber" runat="server" Text="Member
number"></asp:Label>
      </td>
      <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxMemberNumber" runat="server"></asp:TextBox>
      </td>
    </tr>
    <tr>
      <td class="myTableContCol1">
        <asp:Label ID="LabelName" runat="server" Text="Name"></asp:Label>
      </td>
      <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxName" runat="server"></asp:TextBox>
      </td>
    </tr>
    <tr>
      <td class="myTableContCol1">
        <asp:Label ID="LabelGender" runat="server" Text="Gender"></asp:Label>
      </td>
      <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxGender" runat="server"></asp:TextBox>
      </td>
    </tr>
    <tr>
      <td class="myTableContCol1">
        <asp:Label ID="LabelPhoneNumber" runat="server" Text="Phone"></asp:Label>
      </td>
      <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxPhoneNumber" runat="server"></asp:TextBox>
      </td>
    </tr>
    <tr>
      <td class="myTableContCol1">
        <asp:Label ID="LabelEmail" runat="server" Text="Email"></asp:Label>
      </td>
      <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxEmail" runat="server"></asp:TextBox>
      </td>
    </tr>
  </table>

```

```
        </td>
    </tr>
    <tr>
        <td class="myTableContCol1">
            <asp:Label ID="LabelPassword" runat="server" Text="Password"></asp:Label>
        </td>
        <td class="myTableContCol2">
            <asp:TextBox ID="TextBoxPassword" runat="server"></asp:TextBox>
        </td>
    </tr>
</table>
<br />
<asp:Button ID="ButtonUpdate" runat="server" OnClick="ButtonUpdate_Click"
Text="Update" />
</div>
</asp:Content>
```

### DisplayUpdateMember.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;

namespace HandIn3
{
    public partial class DisplayUpdateMember : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            if (!Page.IsPostBack)
            {
                // On show button
            }
        }
    }
}
```

```
        ButtonUpdate.Enabled = false;
    }

    UpdateGridView();
}

public void UpdateGridView()
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlCommand cmd = null;
    SqlDataReader rdr = null;
    string sqlsel = "select membernumber as [Member Number], Name, Gender,
Phonenumber as Phone, email as [E-mail], Password from members";

    try
    {
        conn.Open();
        cmd = new SqlCommand(sqlsel, conn);
        rdr = cmd.ExecuteReader();

        GridViewUpdate.DataSource = rdr;
        GridViewUpdate.DataBind();
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}

protected void GridViewUpdate_SelectedIndexChanged(object sender, EventArgs e)
{
    // Cells[count] select is 0
    TextBoxMemberNumber.Text = GridViewUpdate.SelectedRow.Cells[1].Text;
    TextBoxName.Text = GridViewUpdate.SelectedRow.Cells[2].Text;
    TextBoxGender.Text = GridViewUpdate.SelectedRow.Cells[3].Text;
    TextBoxPhoneNumber.Text = GridViewUpdate.SelectedRow.Cells[4].Text;
    TextBoxEmail.Text = GridViewUpdate.SelectedRow.Cells[5].Text;
    TextBoxPassword.Text = GridViewUpdate.SelectedRow.Cells[6].Text;
    LabelMessage.Text = "You have chosen member number " +
GridViewUpdate.SelectedRow.Cells[1].Text;

    // show button
    ButtonUpdate.Enabled = true;
}

protected void ButtonUpdate_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlCommand cmd = null;
    string sqludp = "update members set MemberNumber = @MemberNumber, Name = @Name,
Gender = @Gender, Phonenumber = @Phonenumber, Email = @Email, Password = @Password where
MemberNumber = @MemberNumber";
    // remember where: else every row will have new data
```

```
try
{
    conn.Open();

    cmd = new SqlCommand(sqludp, conn);
    cmd.Parameters.Add("@MemberNumber", SqlDbType.Int);
    cmd.Parameters.Add("@Name", SqlDbType.Text);
    cmd.Parameters.Add("@Gender", SqlDbType.Text);
    cmd.Parameters.Add("@Phonenumber", SqlDbType.Text);
    cmd.Parameters.Add("@Email", SqlDbType.Text);
    cmd.Parameters.Add("@Password", SqlDbType.Text);

    cmd.Parameters["@MemberNumber"].Value =
Convert.ToInt32(TextBoxMemberNumber.Text);
    cmd.Parameters["@Name"].Value = TextBoxName.Text;
    cmd.Parameters["@Gender"].Value = TextBoxGender.Text;
    cmd.Parameters["@Phonenumber"].Value = TextBoxPhoneNumber.Text;
    cmd.Parameters["@Email"].Value = TextBoxEmail.Text;
    cmd.Parameters["@Password"].Value = TextBoxPassword.Text;

    cmd.ExecuteNonQuery();

    LabelMessage.Text = "Member has been updated";
}
catch (Exception ex)
{
    LabelMessage.Text = ex.Message;
}
finally
{
    conn.Close();
}

UpdateGridView();
}

private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
```

## Display and Update Coach Information

## DisplayUpdateCoach.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="DisplayUpdateCoach.aspx.cs" Inherits="HandIn3.DisplayUpdateCoach"
Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Please select a coach to update information</p>
        <asp:GridView ID="GridViewUpdate" runat="server"
OnSelectedIndexChanged="GridViewUpdate_SelectedIndexChanged" AutoGenerateColumns="True"
CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
            <Columns>
                <asp:CommandField ShowSelectButton="True" />
            </Columns>
        </asp:GridView>
        <br />
        <asp:Label ID="LabelMessage" runat="server"></asp:Label>
        <br />
        <br />
        <table class="myTable">
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelCoachNumber" runat="server" Text="Coach
number"></asp:Label>
                </td>
                <td>
                    <asp:TextBox ID="TextBoxCoachNumber" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelName" runat="server" Text="Name"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxName" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelPhoneNumber" runat="server" Text="Phone"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxPhoneNumber" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelEmail" runat="server" Text="Email"> </asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxEmail" runat="server"> </asp:TextBox>
                </td>
            </tr>
        </table>
    </div>

```

```
        </td>
    </tr>
    <tr>
        <td class="myTableContCol1">
            <asp:Label ID="LabelGender" runat="server" Text="Gender"></asp:Label>
        </td>
        <td class="myTableContCol2">
            <asp:TextBox ID="TextBoxGender" runat="server"></asp:TextBox>
        </td>
    </tr>
    <tr>
        <td class="myTableContCol1">
            <asp:Label ID="LabelPassword" runat="server" Text="Password"></asp:Label>
        </td>
        <td class="myTableContCol2">
            <asp:TextBox ID="TextBoxPassword" runat="server"></asp:TextBox>
        </td>
    </tr>
</table>
<br />
<asp:Button ID="ButtonUpdate" runat="server" OnClick="ButtonUpdate_Click"
Text="Update" />
</div>
</asp:Content>
```

#### DisplayUpdateCoach.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;

namespace HandIn3
{
    public partial class DisplayUpdateCoach : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
        }
    }
}
```

```
        finally
        {
            SetButtonAndText();
        }

        if (!Page.IsPostBack)
        {
            // On show button
            ButtonUpdate.Enabled = false;
        }

        UpdateGridView();
    }

    public void UpdateGridView()
    {
        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        SqlDataReader rdr = null;
        string sqlsel = "select coachnumber as [Coach Number], Name, phonenumber as
Phone, email as [E-mail], Gender, Password from coach";

        try
        {
            conn.Open();
            cmd = new SqlCommand(sqlsel, conn);
            rdr = cmd.ExecuteReader();

            GridViewUpdate.DataSource = rdr;
            GridViewUpdate.DataBind();
        }
        catch (Exception ex)
        {
            LabelMessage.Text = ex.Message;
        }
        finally
        {
            conn.Close();
        }
    }

    protected void GridViewUpdate_SelectedIndexChanged(object sender, EventArgs e)
    {
        // Cells[count] select is 0
        TextBoxCoachNumber.Text = GridViewUpdate.SelectedRow.Cells[1].Text;
        TextBoxName.Text = GridViewUpdate.SelectedRow.Cells[2].Text;
        TextBoxPhoneNumber.Text = GridViewUpdate.SelectedRow.Cells[3].Text;
        TextBoxEmail.Text = GridViewUpdate.SelectedRow.Cells[4].Text;
        TextBoxGender.Text = GridViewUpdate.SelectedRow.Cells[5].Text;
        TextBoxPassword.Text = GridViewUpdate.SelectedRow.Cells[6].Text;
        LabelMessage.Text = "Coach " + GridViewUpdate.SelectedRow.Cells[1].Text + " " +
GridViewUpdate.SelectedRow.Cells[2].Text + " has been selected";

        // show button
        ButtonUpdate.Enabled = true;
    }

    protected void ButtonUpdate_Click(object sender, EventArgs e)
    {

```



---

```

        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        string sqludp = "update coach set CoachNumber = @CoachNumber, Name = @Name,
Phonenumber = @Phonenumber, Email = @Email, Gender = @Gender, Password = @Password where
CoachNumber = @CoachNumber";
        // remember where: else every row will have new data

        try
        {
            conn.Open();

            cmd = new SqlCommand(sqludp, conn);
            cmd.Parameters.Add("@CoachNumber", SqlDbType.Int);
            cmd.Parameters.Add("@Name", SqlDbType.Text);
            cmd.Parameters.Add("@Phonenumber", SqlDbType.Text);
            cmd.Parameters.Add("@Email", SqlDbType.Text);
            cmd.Parameters.Add("@Gender", SqlDbType.Text);
            cmd.Parameters.Add("@Password", SqlDbType.Text);

            cmd.Parameters["@CoachNumber"].Value =
Convert.ToInt32(TextBoxCoachNumber.Text);
            cmd.Parameters["@Name"].Value = TextBoxName.Text;
            cmd.Parameters["@Phonenumber"].Value = TextBoxPhoneNumber.Text;
            cmd.Parameters["@Email"].Value = TextBoxEmail.Text;
            cmd.Parameters["@Gender"].Value = TextBoxGender.Text;
            cmd.Parameters["@Password"].Value = TextBoxPassword.Text;

            cmd.ExecuteNonQuery();

            LabelMessage.Text = "Coach has been updated";
        }
        catch (Exception ex)
        {
            LabelMessage.Text = ex.Message;
        }
        finally
        {
            conn.Close();
        }

        UpdateGridView();
    }

    private void SetButtonAndText()
    {
        if (userlevel == 2)
        {
            LabelUserLevel.Text = "You are logged in as a coach ";
        }
        else
        {
            Response.Redirect("ErrorPage.aspx");
        }
    }
}
}
}

```

---

## Create Activity

### CreateActivity.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="CreateActivity.aspx.cs" Inherits="HandIn3.CreateActivity" Theme="ThemeMyFitness"
%>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Please enter information to create a new activity</p>
        <table class="myTable">
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelActivityNumber" runat="server" Text="Activity
number"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxActivityNumber" runat="server"
TextMode="Number"></asp:TextBox>
                </td>
                <td class="text-center" rowspan="5">
                    <asp:Label ID="LabelSelectText" runat="server" Text="Upload
picture:"></asp:Label>
                    <br />
                    <br />
                    <asp:FileUpload id="FileUploadPicture" runat="server"></asp:FileUpload>
                    <br />
                    <br />
                    <asp:Button id="ButtonUpload" Text="Upload" OnClick="UploadButton_Click"
runat="server"></asp:Button>
                    <br />
                    <br />
                    <asp:Label id="LabelUpload" runat="server"></asp:Label></td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelTitle" runat="server" Text="Title"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxTitle" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelDescription" runat="server"
Text="Description"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxDescription" runat="server"></asp:TextBox>
                </td>
            </tr>
```

```

        <tr>
            <td class="myTableContCol1">
                <asp:Label ID="LabelWeekday" runat="server" Text="Weekday"></asp:Label>
            </td>
            <td class="myTableContCol2">
                <asp:TextBox ID="TextBoxWeekday" runat="server"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="myTableContCol1">
                <asp:Label ID="LabelTime" runat="server" Text="Time"></asp:Label>
            </td>
            <td class="myTableContCol2">
                <asp:TextBox ID="TextBoxTime" runat="server"
TextMode="DateTime"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="myTableContCol1">
                <asp:Label ID="LabelPicturelink" runat="server"
Text="Picturelink"></asp:Label>
            </td>
            <td class="myTableContCol2">
                <asp:TextBox ID="TextBoxPicturelink" runat="server"></asp:TextBox>
            </td>
            <td class="myTableContCol2">
                &nbsp;</td>
        </tr>
        <tr>
            <td class="myTableContCol1">
                <asp:Label ID="LabelCoachID" runat="server" Text="Coach"></asp:Label>
            </td>
            <td class="myTableContCol2">
                <asp:DropDownList ID="DropDownListCoach" runat="server"
OnSelectedIndexChanged="DropDownListCoach_SelectedIndexChanged">
</asp:DropDownList>
            </td>
            <td class="myTableContCol2">
            </td>
        </tr>
    </table>
    <br />
    <asp:Label ID="LabelMessage" runat="server"></asp:Label>
    <br />
    <br />
    <asp:Button ID="ButtonCreate" runat="server" OnClick="ButtonCreate_Click"
Text="Submit" />
    <br />
</div>
</asp:Content>

```

### CreateActivity.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;

namespace HandIn3
{
    public partial class CreateActivity : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            if (!Page.IsPostBack)
            {
                // On show button
                ButtonCreate.Enabled = false;
                UpdateDropDownListCoach();
            }

            DropDownListCoach.AutoPostBack = true;
        }

        protected void UpdateDropDownListCoach()
        {
            SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
            SqlDataAdapter da = null;
            DataSet ds = null;
            DataTable dt = null;
            string sqlsel = "select coachnumber, name from coach";

            try
            {
                // conn.Open(); SqlDataAdapter open the connection by itself
                da = new SqlDataAdapter();
                da.SelectCommand = new SqlCommand(sqlsel, conn);

                ds = new DataSet();
                da.Fill(ds, "Coaches");

                dt = ds.Tables["Coaches"];
            }
        }
    }
}
```

```
        // populate the dropdownlist
        DropDownListCoach.Items.Clear();
        DropDownListCoach.DataSource = dt;
        DropDownListCoach.DataTextField = "Name";
        DropDownListCoach.DataValueField = "CoachNumber";
        DropDownListCoach.DataBind();
        DropDownListCoach.Items.Insert(0, "Select a coach");
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close(); // SqlDataAdapter closes the connection by itself, but can
fail in case of errors
    }
}

protected void ButtonCreate_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDb");
    SqlCommand cmd = null;
    string sqlins = "insert into activities values(@ActivityNumber, @Title,
@Description, @Weekday, @Time, @Picturelink, @CoachID)";

    try
    {
        conn.Open();

        cmd = new SqlCommand(sqlins, conn);
        cmd.Parameters.Add("@ActivityNumber", SqlDbType.Int);
        cmd.Parameters.Add("@Title", SqlDbType.Text);
        cmd.Parameters.Add("@Description", SqlDbType.Text);
        cmd.Parameters.Add("@Weekday", SqlDbType.Text);
        cmd.Parameters.Add("@Time", SqlDbType.Time);
        cmd.Parameters.Add("@Picturelink", SqlDbType.Text);
        cmd.Parameters.Add("@CoachID", SqlDbType.Int);

        cmd.Parameters["@ActivityNumber"].Value =
Convert.ToInt32(TextBoxActivityNumber.Text);
        cmd.Parameters["@Title"].Value = TextBoxTitle.Text;
        cmd.Parameters["@Description"].Value = TextBoxDescription.Text;
        cmd.Parameters["@Weekday"].Value = TextBoxWeekday.Text;
        cmd.Parameters["@Time"].Value =
Convert.ToDateTime(TextBoxTime.Text).ToString("HH:mm:ss");
        cmd.Parameters["@Picturelink"].Value = TextBoxPicturelink.Text;
        cmd.Parameters["@CoachID"].Value =
Convert.ToInt32(DropDownListCoach.SelectedValue);

        cmd.ExecuteNonQuery();

        LabelMessage.Text = "Activity added";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
}
```

---

```
        finally
        {
            conn.Close();
        }
    }

    protected void DropDownListCoach_SelectedIndexChanged(object sender, EventArgs e)
    {
        if (DropDownListCoach.SelectedIndex != 0)
        {
            ButtonCreate.Enabled = true;
        }
        else
        {
            LabelMessage.Text = "You chose none";
            ButtonCreate.Enabled = false;
        }
    }

    protected void UploadButton_Click(object sender, EventArgs e)
    {
        // Specify the path
        String savePath = @"C:\Users\Sorenbj\Documents\WEBSTUD -
1\Database\HandIn3\HandIn3\Pictures\";

        // Verify that the FileUpload control contains a file.
        if (FileUploadPicture.HasFile)
        {
            // Get the name of the file to upload.
            String fileName = FileUploadPicture.FileName;

            // Get the extension of the uploaded file.
            string extension = System.IO.Path.GetExtension(fileName);

            if ((extension == ".jpg") || (extension == ".png"))
            {
                // Add the path to the name of the file to upload
                savePath += fileName;

                // Call the SaveAs method to save the uploaded file to the path.
                FileUploadPicture.SaveAs(savePath);

                LabelUpload.Text = "Your file was saved as " + fileName;
            }
            else
            {
                LabelUpload.Text = "Your file was not uploaded because " +
                    "it does not have a .jpg or .png extension.";
            }
        }
        else
        {
            // Notify the user that a file was not uploaded.
            LabelUpload.Text = "You did not specify a file to upload.";
        }
    }
}
```

---

```
private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
```

## Create Coach

### CreateCoach.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="CreateCoach.aspx.cs" Inherits="HandIn3.CreateCoach" Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Please enter information to create a new coach</p>
        <table class="myTable">
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelCoachNumber" runat="server" Text="Coach
number"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxCoach" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelName" runat="server" Text="Name"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxName" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
                    <asp:Label ID="LabelPhone" runat="server" Text="Phone"></asp:Label>
                </td>
                <td class="myTableContCol2">
                    <asp:TextBox ID="TextBoxPhoneNumber" runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td class="myTableContCol1">
```

```
<asp:Label ID="LabelEmail" runat="server" Text="Email"></asp:Label>
</td>
<td class="myTableContCol2">
<asp:TextBox ID="TextBoxEmail" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="myTableContCol1">
<asp:Label ID="LabelGender" runat="server" Text="Gender"></asp:Label>
</td>
<td class="myTableContCol2">
<asp:TextBox ID="TextBoxGender" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="myTableContCol1">
<asp:Label ID="LabelPassword" runat="server" Text="Password"></asp:Label>
</td>
<td class="myTableContCol2">
<asp:TextBox ID="TextBoxPassword" runat="server"></asp:TextBox>
</td>
</tr>
</table>
<br />
<asp:Label ID="LabelMessage" runat="server"></asp:Label>
<br />
<br />
<asp:Button ID="ButtonCreate" runat="server" OnClick="ButtonCreate_Click"
Text="Submit" />
<br />
</div>
</asp:Content>
```

### CreateCoach.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;

namespace HandIn3
{
    public partial class CreateCoach : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
            }
        }
    }
}
```



```
        membernumber = (int)Session["MemberNumber"];
    }
    catch (NullReferenceException nre)
    {
        userlevel = 0;
        Session["Level"] = userlevel;
        LabelMessage.Text = nre.Message;
    }
    finally
    {
        SetButtonAndText();
    }
}

protected void ButtonCreate_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDb");
    SqlCommand cmd = null;
    string sqlins = "insert into coach values(@CoachNumber, @Name, @Phonenumber,
@email, @Gender, @Password)";

    try
    {
        conn.Open();

        cmd = new SqlCommand(sqlins, conn);
        cmd.Parameters.Add("@CoachNumber", SqlDbType.Int);
        cmd.Parameters.Add("@Name", SqlDbType.Text);
        cmd.Parameters.Add("@Phonenumber", SqlDbType.Text);
        cmd.Parameters.Add("@Email", SqlDbType.Text);
        cmd.Parameters.Add("@Gender", SqlDbType.Text);
        cmd.Parameters.Add("@Password", SqlDbType.Text);

        cmd.Parameters["@CoachNumber"].Value = Convert.ToInt32(TextBoxCoach.Text);
        cmd.Parameters["@Name"].Value = TextBoxName.Text;
        cmd.Parameters["@Phonenumber"].Value = TextBoxPhoneNumber.Text;
        cmd.Parameters["@Email"].Value = TextBoxEmail.Text;
        cmd.Parameters["@Gender"].Value = TextBoxGender.Text;
        cmd.Parameters["@Password"].Value = TextBoxPassword.Text;

        cmd.ExecuteNonQuery();

        LabelMessage.Text = "Coach added";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}

private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
}
```

---

```
    }  
    else  
    {  
        Response.Redirect("ErrorPage.aspx");  
    }  
}  
}  
}
```

## Create Member

### CreateMember.aspx.cs

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"  
CodeBehind="CreateMember.aspx.cs" Inherits="HandIn3.CreateMember" Theme="ThemeMyFitness" %>  
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">  
</asp:Content>  
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">  
    <div>  
        <p class="myUserlevel" >  
            <asp:Label ID="LabelUserLevel" runat="server"  
EnableTheming="False"></asp:Label></p>  
        <p class="toptext" >Please enter information to create a new member</p>  
        <table class="myTable">  
            <tr>  
                <td class="myTableContCol1">  
                    <asp:Label ID="LabelMemberNumber" runat="server" Text="Member  
number"></asp:Label>  
                </td>  
                <td class="myTableContCol2">  
                    <asp:TextBox ID="TextBoxMemberNumber" runat="server"></asp:TextBox>  
                </td>  
            </tr>  
            <tr>  
                <td class="myTableContCol1">  
                    <asp:Label ID="LabelName" runat="server" Text="Name"></asp:Label>  
                </td>  
                <td class="myTableContCol2">  
                    <asp:TextBox ID="TextBoxName" runat="server"></asp:TextBox>  
                </td>  
            </tr>  
            <tr>  
                <td class="myTableContCol1">  
                    <asp:Label ID="LabelGender" runat="server" Text="Gender"></asp:Label>  
                </td>  
                <td class="myTableContCol2">  
                    <asp:TextBox ID="TextBoxGender" runat="server"></asp:TextBox>  
                </td>  
            </tr>  
            <tr>  
                <td class="myTableContCol1">  
                    <asp:Label ID="LabelPhoneNumber" runat="server" Text="Phone"></asp:Label>  
                </td>  
                <td class="myTableContCol2">  
                    <asp:TextBox ID="TextBoxPhoneNumber" runat="server"></asp:TextBox>  
                </td>  
            </tr>  
        </table>  
    </div>  
</asp:Content>
```

```
</tr>
<tr>
    <td class="myTableContCol1">
        <asp:Label ID="LabelEmail" runat="server" Text="Email"></asp:Label>
    </td>
    <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxEmail" runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td class="myTableContCol1">
        <asp:Label ID="LabelPassword" runat="server" Text="Password"></asp:Label>
    </td>
    <td class="myTableContCol2">
        <asp:TextBox ID="TextBoxPassword" runat="server"></asp:TextBox>
    </td>
</tr>
</table>
<br />
<asp:Label ID="LabelMessage" runat="server"></asp:Label>
<br />
<br />
<asp:Button ID="ButtonCreate" runat="server" OnClick="ButtonCreate_Click"
Text="Submit" />
<br />
</div>
</asp:Content>
```

### CreateMember.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;

namespace HandIn3
{
    public partial class CreateMember : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
            }
        }
    }
}
```

```
        Session["Level"] = userlevel;
        LabelMessage.Text = nre.Message;
    }
    finally
    {
        SetButtonAndText();
    }
}

protected void ButtonCreate_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDb");
    SqlCommand cmd = null;
    string sqlins = "insert into members values(@MemberNumber, @Name, @Gender,
@Phonenumber, @Email, @Password)";

    try
    {
        conn.Open();

        cmd = new SqlCommand(sqlins, conn);
        cmd.Parameters.Add("@MemberNumber", SqlDbType.Int);
        cmd.Parameters.Add("@Name", SqlDbType.Text);
        cmd.Parameters.Add("@Gender", SqlDbType.Text);
        cmd.Parameters.Add("@Phonenumber", SqlDbType.Text);
        cmd.Parameters.Add("@Email", SqlDbType.Text);
        cmd.Parameters.Add("@Password", SqlDbType.Text);

        cmd.Parameters["@MemberNumber"].Value =
Convert.ToInt32(TextBoxMemberNumber.Text);
        cmd.Parameters["@Name"].Value = TextBoxName.Text;
        cmd.Parameters["@Gender"].Value = TextBoxGender.Text;
        cmd.Parameters["@Phonenumber"].Value = TextBoxPhoneNumber.Text;
        cmd.Parameters["@Email"].Value = TextBoxEmail.Text;
        cmd.Parameters["@Password"].Value = TextBoxPassword.Text;

        cmd.ExecuteNonQuery();

        LabelMessage.Text = "Member added";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}

private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
```

```
    }  
  }  
}
```

## Delete Activity

### DeleteActivity.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"  
CodeBehind="DeleteActivity.aspx.cs" Inherits="HandIn3.DeleteActivity" Theme="ThemeMyFitness"  
%>  
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">  
</asp:Content>  
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">  
  <div>  
    <p class="myUserlevel" >  
      <asp:Label ID="LabelUserLevel" runat="server"  
EnableTheming="False"></asp:Label></p>  
    <p class="toptext" >Delete activities</p>  
    <asp:GridView ID="GridViewActivity" runat="server" AutoGenerateColumns="True"  
CssClass="GridViewStyle">  
      <HeaderStyle CssClass="HeaderStyle" />  
      <FooterStyle CssClass="FooterStyle" />  
      <RowStyle CssClass="RowStyle" />  
      <AlternatingRowStyle CssClass="AlternatingRowStyle" />  
    </asp:GridView>  
    <br />  
    <asp:DropDownList ID="DropDownListActivity" runat="server"  
OnSelectedIndexChanged="DropDownListActivity_SelectedIndexChanged">  
    </asp:DropDownList>  
    <br />  
    <br />  
    <asp:Label ID="LabelMessage" runat="server"></asp:Label>  
    <br />  
    <br />  
    <asp:Button ID="ButtonDelete" runat="server" OnClick="ButtonDelete_Click"  
Text="Delete" />  
    <br />  
  </div>  
</asp:Content>
```

### DeleteActivity.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;  
  
namespace HandIn3  
{
```

```
public partial class DeleteActivity : System.Web.UI.Page
{
    int userlevel;
    int membernumber;

    protected void Page_Load(object sender, EventArgs e)
    {
        Response.Cache.SetNoStore();

        try
        {
            userlevel = (int)Session["Level"];
            membernumber = (int)Session["MemberNumber"];
        }
        catch (NullReferenceException nre)
        {
            userlevel = 0;
            Session["Level"] = userlevel;
            LabelMessage.Text = nre.Message;
        }
        finally
        {
            SetButtonAndText();
        }

        if (!Page.IsPostBack)
        {
            // On show button
            ButtonDelete.Enabled = false;
            UpdateGridView();
        }

        DropDownListActivity.AutoPostBack = true;
    }

    public void UpdateGridView()
    {
        SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
        SqlCommand cmd = null;
        SqlDataReader rdr = null;
        string sqlsel = "select activitynumber as [Activity Number], Title, Description,
Weekday, Time, picturelink as Picture, coach.name as [Coach Name] from activities, coach
where coachid = coachnumber";

        try
        {
            conn.Open();
            cmd = new SqlCommand(sqlsel, conn);
            rdr = cmd.ExecuteReader();

            GridViewActivity.DataSource = rdr;
            GridViewActivity.DataBind();

            rdr.Close();
            rdr = cmd.ExecuteReader();

            DropDownListActivity.DataSource = rdr;
            DropDownListActivity.DataTextField = "Title";
            DropDownListActivity.DataValueField = "Activity Number";
        }
    }
}
```

```
        DropDownListActivity.DataBind();
        DropDownListActivity.Items.Insert(0, "Select an Activity");
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}

protected void DropDownListActivity_SelectedIndexChanged(object sender, EventArgs e)
{
    if (DropDownListActivity.SelectedIndex != 0)
    {
        LabelMessage.Text = "You chose activity " +
DropDownListActivity.SelectedValue;
        ButtonDelete.Enabled = true;
    }
    else
    {
        LabelMessage.Text = "You chose none";
        ButtonDelete.Enabled = false;
    }
}

protected void ButtonDelete_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlCommand cmd = null;
    string sqlDel = "delete from activities where ActivityNumber = @ActivityNumber";
    // remember where : else every row will be deleted

    try
    {
        conn.Open();

        cmd = new SqlCommand(sqlDel, conn);
        cmd.Parameters.Add("@ActivityNumber", SqlDbType.Int);

        cmd.Parameters["@ActivityNumber"].Value =
Convert.ToInt32(DropDownListActivity.SelectedValue);

        cmd.ExecuteNonQuery();

        ButtonDelete.Enabled = false;
        LabelMessage.Text = "The activity " + DropDownListActivity.SelectedValue + "
has been deleted";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}
```

---

```
        UpdateGridView();
    }

    private void SetButtonAndText()
    {
        if (userlevel == 2)
        {
            LabelUserLevel.Text = "You are logged in as a coach ";
        }
        else
        {
            Response.Redirect("ErrorPage.aspx");
        }
    }
}
}
```

## Delete Member

### DeleteMember.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="DeleteMember.aspx.cs" Inherits="HandIn3.DeleteMember" Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Delete members</p>
        <asp:GridView ID="GridViewMember" runat="server" AutoGenerateColumns="True"
CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
        </asp:GridView>
        <br />
        <br />
        <asp:DropDownList ID="DropDownListMember" runat="server"
OnSelectedIndexChanged="DropDownListMember_SelectedIndexChanged">
        </asp:DropDownList>
        <br />
        <br />
        <asp:Label ID="LabelMessage" runat="server"></asp:Label>
        <br />
        <br />
        <asp:Button ID="ButtonDelete" runat="server" OnClick="ButtonDelete_Click"
Text="Delete" />
        <br />
    </div>
</asp:Content>
```



## DeleteMember.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;

namespace HandIn3
{
    public partial class DeleteMember : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            if (!Page.IsPostBack)
            {
                // On show button
                ButtonDelete.Enabled = false;
                UpdateGridView();
            }

            DropDownListMember.AutoPostBack = true;
        }

        public void UpdateGridView()
        {
            SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
            SqlCommand cmd = null;
            SqlDataReader rdr = null;
            string sqlsel = "select membernumber as [Member Number], Name, Gender,
phonenumber as Phone, email as [E-mail] from members";

            try
            {
```

```
        conn.Open();
        cmd = new SqlCommand(sqlsel, conn);
        rdr = cmd.ExecuteReader();

        GridViewMember.DataSource = rdr;
        GridViewMember.DataBind();

        rdr.Close();
        rdr = cmd.ExecuteReader();

        DropDownListMember.DataSource = rdr;
        DropDownListMember.DataTextField = "Name";
        DropDownListMember.DataValueField = "Member Number";
        DropDownListMember.DataBind();
        DropDownListMember.Items.Insert(0, "Select a Member");
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}

protected void DropDownListMember_SelectedIndexChanged(object sender, EventArgs e)
{
    if (DropDownListMember.SelectedIndex != 0)
    {
        LabelMessage.Text = "You chose member " + DropDownListMember.SelectedValue;
        ButtonDelete.Enabled = true;
    }
    else
    {
        LabelMessage.Text = "You chose none";
        ButtonDelete.Enabled = false;
    }
}

protected void ButtonDelete_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlCommand cmd = null;
    string sqlDel = "delete from members where MemberNumber = @MemberNumber";
    // remember where : else every row will be deleted

    try
    {
        conn.Open();

        cmd = new SqlCommand(sqlDel, conn);
        cmd.Parameters.Add("@MemberNumber", SqlDbType.Int);

        cmd.Parameters["@MemberNumber"].Value =
Convert.ToInt32(DropDownListMember.SelectedValue);

        cmd.ExecuteNonQuery();
    }
```

```

        ButtonDelete.Enabled = false;
        LabelMessage.Text = "The member " + DropDownListMember.SelectedValue + " has
been deleted";
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }

    UpdateGridView();
}

private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
}
}

```

## Delete Coach

### DeleteCoach.aspx

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Coach.Master" AutoEventWireup="true"
CodeBehind="DeleteCoach.aspx.cs" Inherits="HandIn3.DeleteCoach" Theme="ThemeMyFitness" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div>
        <p class="myUserlevel" >
            <asp:Label ID="LabelUserLevel" runat="server"
EnableTheming="False"></asp:Label></p>
        <p class="toptext" >Delete coaches</p>
        <asp:GridView ID="GridViewCoaches" runat="server" AutoGenerateColumns="True"
CssClass="GridViewStyle">
            <HeaderStyle CssClass="HeaderStyle" />
            <FooterStyle CssClass="FooterStyle" />
            <RowStyle CssClass="RowStyle" />
            <AlternatingRowStyle CssClass="AlternatingRowStyle" />
        </asp:GridView>
        <br />
        <asp:DropDownList ID="DropDownListCoach" runat="server"
OnSelectedIndexChanged="DropDownListCoaches_SelectedIndexChanged" Font-Names="Tahoma" Font-
Size="Small" Width="300px">
        </asp:DropDownList>
    </div>
</asp:Content>

```

```
        <br />
        <br />
        <asp:Label ID="LabelMessage" runat="server"></asp:Label>
        <br />
        <br />
        <asp:Button ID="ButtonDelete" runat="server" OnClick="ButtonDelete_Click"
Text="Delete" />
        <br />
    </div>
</asp:Content>
```

### DeleteCoach.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;

namespace HandIn3
{
    public partial class DeleteCoach : System.Web.UI.Page
    {
        int userlevel;
        int membernumber;

        protected void Page_Load(object sender, EventArgs e)
        {
            Response.Cache.SetNoStore();

            try
            {
                userlevel = (int)Session["Level"];
                membernumber = (int)Session["MemberNumber"];
            }
            catch (NullReferenceException nre)
            {
                userlevel = 0;
                Session["Level"] = userlevel;
                LabelMessage.Text = nre.Message;
            }
            finally
            {
                SetButtonAndText();
            }

            if (!Page.IsPostBack)
            {
                // On show button
                ButtonDelete.Enabled = false;
                UpdateGridView();
            }

            DropDownListCoach.AutoPostBack = true;
        }
    }
}
```

```
public void UpdateGridView()
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlCommand cmd = null;
    SqlDataReader rdr = null;
    string sqlsel = "select Coachnumber as [Coach Number], Name, phonenumber as
Phone, email as [E-mail], Gender from coach";

    try
    {
        conn.Open();
        cmd = new SqlCommand(sqlsel, conn);
        rdr = cmd.ExecuteReader();

        GridViewCoaches.DataSource = rdr;
        GridViewCoaches.DataBind();

        rdr.Close();
        rdr = cmd.ExecuteReader();

        DropDownListCoach.DataSource = rdr;
        DropDownListCoach.DataTextField = "Name";
        DropDownListCoach.DataValueField = "Coach Number";
        DropDownListCoach.DataBind();
        DropDownListCoach.Items.Insert(0, "Select a Coach");
    }
    catch (Exception ex)
    {
        LabelMessage.Text = ex.Message;
    }
    finally
    {
        conn.Close();
    }
}

protected void DropDownListCoaches_SelectedIndexChanged(object sender, EventArgs e)
{
    if (DropDownListCoach.SelectedIndex != 0)
    {
        LabelMessage.Text = "You chose coach " + DropDownListCoach.SelectedValue;
        ButtonDelete.Enabled = true;
    }
    else
    {
        LabelMessage.Text = "You chose none";
        ButtonDelete.Enabled = false;
    }
}

protected void ButtonDelete_Click(object sender, EventArgs e)
{
    SqlConnection conn = new SqlConnection(@"data source = .\SQLEXPRESS; integrated
security = true; database = MyFitnessDB");
    SqlCommand cmd = null;
    string sqlDel = "delete from coach where CoachNumber = @CoachNumber";
    // remember where : else every row will be deleted
}
```

```

try
{
    conn.Open();

    cmd = new SqlCommand(sqlDel, conn);
    cmd.Parameters.Add("@CoachNumber", SqlDbType.Int);

    cmd.Parameters["@CoachNumber"].Value =
Convert.ToInt32(DropDownListCoach.SelectedValue);

    cmd.ExecuteNonQuery();

    ButtonDelete.Enabled = false;
    LabelMessage.Text = "The Coach " + DropDownListCoach.SelectedValue + " has
been deleted";
}
catch (Exception ex)
{
    LabelMessage.Text = ex.Message;
}
finally
{
    conn.Close();
}

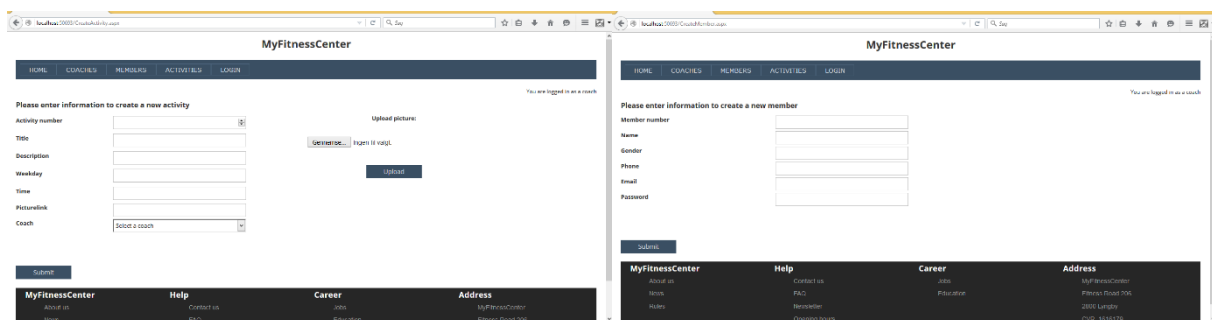
UpdateGridView();
}

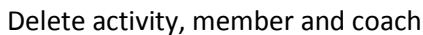
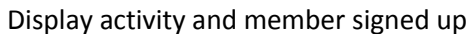
private void SetButtonAndText()
{
    if (userlevel == 2)
    {
        LabelUserLevel.Text = "You are logged in as a coach ";
    }
    else
    {
        Response.Redirect("ErrorPage.aspx");
    }
}
}
}

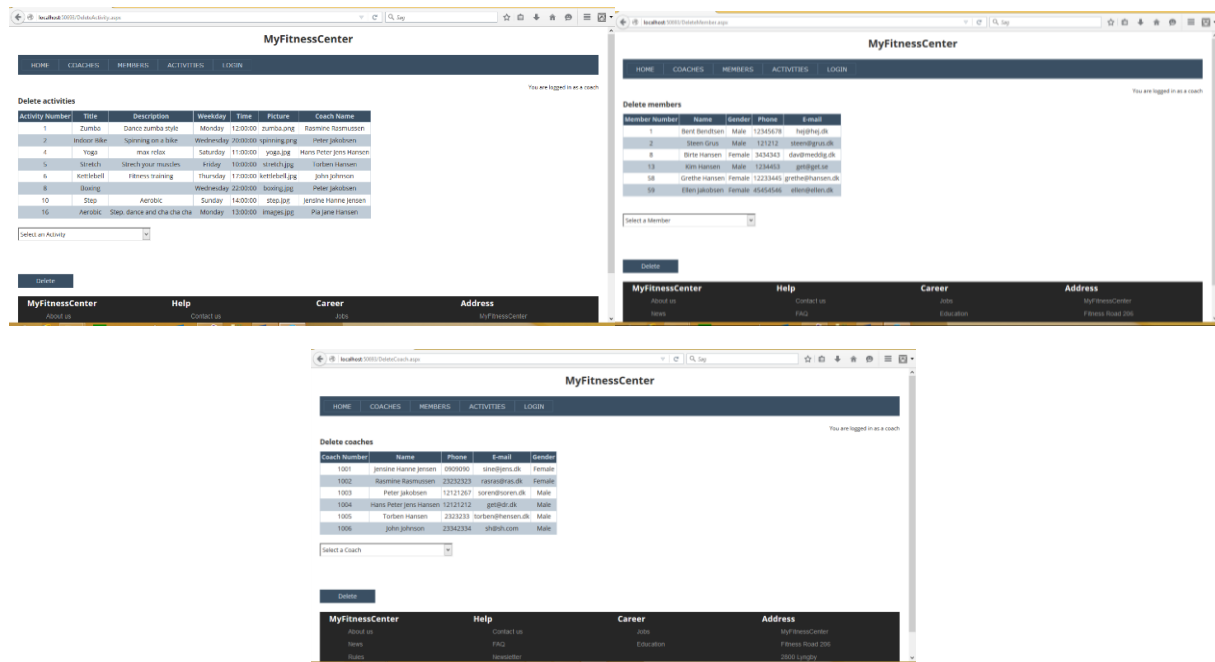
```

## Screen Dumps

Create activity, member and coach







Delete member signup, member activity signup and display member signup

