

Default.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true"  
CodeBehind="Default.aspx.cs"  
Inherits="IAD09Survey.Default" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">  
<head runat="server">  
  <title>Login</title>  
</head>  
<body>
```

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

```
  <div>
```

```
    <h2>Survey System Login</h2>
```

```
    <asp:Label  
      ID="lblUsername"  
      runat="server"  
      Text="Username">  
    </asp:Label>
```

```
    <br />
```

```
    <asp:TextBox  
      ID="txtUsername"  
      runat="server"  
      Width="250px">  
    </asp:TextBox>
```

```
    <br /><br />
```

```
    <asp:Label  
      ID="lblPassword"  
      runat="server"  
      Text="Password">  
    </asp:Label>
```

```
    <br />
```

```
    <asp:TextBox  
      ID="txtPassword"  
      runat="server"  
      TextMode="Password"  
      Width="250px">  
    </asp:TextBox>
```

```
    <br /><br />
```

```

        <asp:Button
            ID="btnLogin"
            runat="server"
            Text="Login"
            OnClick="btnLogin_Click" />

        <br /><br />

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

        <br /><br />

    <br /><br />

    <asp:Panel ID="pnlInfo" runat="server" BorderWidth="1" Padding="10">

        <p><b>Builder</b></p>
        <p>Username: teacher1</p>
        <p>Password: 123</p>

        <br />

        <p><b>Surveyor</b></p>
        <p>Username: student1</p>
        <p>Password: 123</p>

        <br />

        <p><b>Administrator</b></p>
        <p>Username: admin1</p>
        <p>Password: 123</p>

    </asp:Panel>

</div>

</form>

</body>
</html>

```

Admin Folder :

ManageUsers.aspx

```
<%@ Page Language="C#" AutoEventWireup="true"  
CodeBehind="ManageUsers.aspx.cs"  
Inherits="IAD09Survey.Admin.ManageUsers" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title>Manage Users</title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>Manage Users</h2>
```

```
<asp:GridView
```

```
  ID="gvUsers"
```

```
  runat="server"
```

```
  AutoGenerateColumns="False"
```

```
  OnRowCommand="gvUsers_RowCommand">
```

```
<Columns>
```

```
<asp:BoundField
```

```
  DataField="UserID"
```

```
  HeaderText="User ID" />
```

```
<asp:BoundField
```

```
  DataField="Username"
```

```
  HeaderText="Username" />
```

```
<asp:BoundField
```

```
  DataField="Email"
```

```
  HeaderText="Email" />
```

```
<asp:BoundField
```

```
  DataField="Role"
```

```
  HeaderText="Role" />
```

```
<asp:TemplateField HeaderText="Action">
```

```
<ItemTemplate>
```

```
<asp:Button
```

```
  ID="btnDelete"
```

```
  runat="server"
```

```
  Text="Delete"
```

```
  CommandName="DeleteUser"
```

```
  CommandArgument="<%# Eval("UserID") %>" />
```

```
</ItemTemplate>
```

```
</asp:TemplateField>
```

```

        </Columns>

    </asp:GridView>

    <br />

    <asp:Label
        ID="lblMessage"
        runat="server"
        ForeColor="Green">
    </asp:Label>

    <br /><br />

    <asp:HyperLink
        ID="hlResults"
        runat="server"
        NavigateUrl="~/Analysis/SurveyResults.aspx"
        Text="View Survey Results" />

    </div>

</form>

</body>
</html>

```

ManageUsers.aspx.cs

```

using System;
using System.Configuration;
using System.Data;
using System.Data.SqlClient;

namespace IAD09Survey.Admin
{
    public partial class ManageUsers
        : System.Web.UI.Page
    {
        string cs =
            ConfigurationManager
                .ConnectionStrings["QuizDB2"]
                .ConnectionString;

        protected void Page_Load(
            object sender,
            EventArgs e)
        {

```

```

// SECURITY CHECK

if (Session["Role"] == null ||
    Session["Role"].ToString()
    != "Administrator")
{
    Response.Redirect(
        "~/Default.aspx");
}

if (!IsPostBack)
{
    LoadUsers();
}
}

void LoadUsers()
{
    SqlConnection con = new SqlConnection(cs);

    string query =
        @"SELECT UserID,
            Username,
            Email,
            Role
            FROM Users";

    SqlDataAdapter da = new SqlDataAdapter(query, con);

    DataTable dt = new DataTable();

    da.Fill(dt);

    gvUsers.DataSource = dt;

    gvUsers.DataBind();
}

protected void gvUsers_RowCommand(
    object sender,
    System.Web.UI.WebControls.GridViewCommandEventArgs e)
{
    if (e.CommandName == "DeleteUser")
    {
        int userID =
            Convert.ToInt32(e.CommandArgument);

        SqlConnection con = new SqlConnection(cs);

        string query = "DELETE FROM Users WHERE UserID=@UserID";

        SqlCommand cmd = new SqlCommand(query, con);

        cmd.Parameters.AddWithValue("@UserID", userID);
    }
}

```

```

        con.Open();

        cmd.ExecuteNonQuery();

        con.Close();

        lblMessage.Text = "User Deleted Successfully";

        LoadUsers();
    }
}
}
}

```

Analysis Folder :

SurveyResults.aspx :

```

<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="SurveyResults.aspx.cs"
Inherits="IAD09Survey.Analysis.SurveyResults" %>

```

```

<!DOCTYPE html>

```

```

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

```

```

<head runat="server">

```

```

    <title>Survey Results</title>

```

```

</head>

```

```

<body>

```

```

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

```

```

    <div>

```

```

        <h2>Survey Results</h2>

```

```

        <asp:Label

```

```

            ID="lblSelect"

```

```

            runat="server"

```

```

            Text="Select Survey">

```

```

        </asp:Label>

```

```

        <br />

```

```

        <asp:DropDownList

```

```

            ID="ddlSurvey"

```

```

            runat="server"

```

```

        Width="300px">
</asp:DropDownList>

<br /><br />

<asp:Button
    ID="btnLoad"
    runat="server"
    Text="Load Results"
    OnClick="btnLoad_Click" />

<br /><br />

<asp:GridView
    ID="gvResults"
    runat="server"
    AutoGenerateColumns="True">
</asp:GridView>

</div>

</form>

</body>
</html>

```

SurveyResults.aspx.cs :

```

using System;
using System.Configuration;
using System.Data;
using System.Data.SqlClient;

namespace IAD09Survey.Analysis
{
    public partial class SurveyResults : System.Web.UI.Page
    {
        string cs =
            ConfigurationManager.ConnectionStrings["QuizDB2"].ConnectionString;

        protected void Page_Load(object sender, EventArgs e)
        {
            // SECURITY CHECK
            if (Session["Role"] == null ||
                (Session["Role"].ToString() != "Teacher" &&
                 Session["Role"].ToString() != "Administrator"))
            {
                Response.Redirect("~/Default.aspx");
                return;
            }
        }
    }
}

```

```

        if (!IsPostBack)
        {
            LoadSurveys();
        }
    }

    void LoadSurveys()
    {
        using (SqlConnection con = new SqlConnection(cs))
        {
            con.Open();

            SqlCommand cmd = new SqlCommand(
                "SELECT SurveyID, Title FROM Surveys", con);

            SqlDataAdapter da = new SqlDataAdapter(cmd);

            DataTable dt = new DataTable();
            da.Fill(dt);

            ddlSurvey.DataSource = dt;
            ddlSurvey.DataTextField = "Title";
            ddlSurvey.DataValueField = "SurveyID";
            ddlSurvey.DataBind();
        }
    }

    protected void btnLoad_Click(object sender, EventArgs e)
    {
        LoadResults();
    }

    void LoadResults()
    {
        using (SqlConnection con = new SqlConnection(cs))
        {
            con.Open();

            string query =
                @"
                SELECT
                    SQ.QuestionText,
                    SO.OptionText,
                    COUNT(SA.AnswerID) AS TotalResponses
                FROM SurveyQuestions SQ
                INNER JOIN SurveyOptions SO
                    ON SQ.QuestionID = SO.QuestionID
                LEFT JOIN SurveyAnswers SA
                    ON SA.QuestionID = SQ.QuestionID
                    AND SA.OptionID = SO.OptionID
                WHERE SQ.SurveyID = @SurveyID
                GROUP BY SQ.QuestionText, SO.OptionText
                ORDER BY SQ.QuestionText
            ";
        }
    }

```

```

        ",
        ;

        SqlCommand cmd = new SqlCommand(query, con);
        cmd.Parameters.AddWithValue("@SurveyID", ddlSurvey.SelectedValue);

        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();

        da.Fill(dt);

        gvResults.DataSource = dt;
        gvResults.DataBind();
    }
}
}
}

```

Builder Folder :

AddQuestion.aspx :

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="AddQuestion.aspx.cs"
Inherits="IAD09Survey.Builder.AddQuestion" %>

```

```

<!DOCTYPE html>

```

```

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

```

```

<head runat="server">

```

```

    <title>Add Question</title>

```

```

</head>

```

```

<body>

```

```

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

```

```

        <div>

```

```

            <h2>Add Survey Question</h2>

```

```

            <!-- Survey Dropdown -->

```

```

            <asp:Label ID="Label1" runat="server" Text="Select Survey"></asp:Label>

```

```

            <br />

```

```

            <asp:DropDownList ID="ddlSurvey" runat="server" Width="300px">

```

```

            </asp:DropDownList>

```

```

            <br /><br />

```

<!-- Question -->

<asp:Label ID="Label2" runat="server" Text="Question"></asp:Label>

<asp:TextBox
 ID="txtQuestion"
 runat="server"
 Width="400px"
 TextMode="MultiLine"
 Rows="3">
</asp:TextBox>

<!-- Question Type -->

<asp:Label ID="Label3" runat="server" Text="Question Type"></asp:Label>

<asp:DropDownList ID="ddlType" runat="server">

 <asp:ListItem Text="Multiple Choice" Value="MCQ"></asp:ListItem>

 <asp:ListItem Text="True / False" Value="TrueFalse"></asp:ListItem>

</asp:DropDownList>

<!-- Options -->

<asp:Label ID="Label4" runat="server" Text="Option 1"></asp:Label>

<asp:TextBox ID="txtOption1" runat="server" Width="300px"></asp:TextBox>

<asp:Label ID="Label5" runat="server" Text="Option 2"></asp:Label>

<asp:TextBox ID="txtOption2" runat="server" Width="300px"></asp:TextBox>

<asp:Label ID="Label6" runat="server" Text="Option 3"></asp:Label>

<asp:TextBox ID="txtOption3" runat="server" Width="300px"></asp:TextBox>


```

<asp:Label ID="Label7" runat="server" Text="Option 4"></asp:Label>
<br />

<asp:TextBox ID="txtOption4" runat="server" Width="300px"></asp:TextBox>

<br /><br />

<asp:Button
    ID="btnSave"
    runat="server"
    Text="Save Question"
    OnClick="btnSave_Click" />

<br /><br />

<asp:Label
    ID="lblMessage"
    runat="server"
    ForeColor="Green">
</asp:Label>

</div>

<asp:HyperLink
    ID="hlResults"
    runat="server"
    NavigateUrl="~/Analysis/SurveyResults.aspx">

View Survey Results

</asp:HyperLink>

<br /><br />

</form>

</body>
</html>

```

AddQuestion.aspx.cs :

```

using System;
using System.Configuration;
using System.Data.SqlClient;

namespace IAD09Survey.Builder
{
    public partial class AddQuestion : System.Web.UI.Page
    {
        string cs = ConfigurationManager.ConnectionStrings["QuizDB2"].ConnectionString;
    }
}

```

```

protected void Page_Load(object sender, EventArgs e)
{
    if (!IsPostBack)
    {
        LoadSurveys();

        // AUTO SELECT SURVEY

        if (Request.QueryString["SurveyID"] != null)
        {
            ddlSurvey.SelectedValue =
                Request.QueryString["SurveyID"];
        }
    }
}

void LoadSurveys()
{
    SqlConnection con = new SqlConnection(cs);

    string query = "SELECT SurveyID, Title FROM Surveys";

    SqlCommand cmd = new SqlCommand(query, con);

    con.Open();

    ddlSurvey.DataSource = cmd.ExecuteReader();

    ddlSurvey.DataTextField = "Title";
    ddlSurvey.DataValueField = "SurveyID";

    ddlSurvey.DataBind();

    con.Close();
}

protected void btnSave_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(cs);

    con.Open();

    // INSERT QUESTION

    string q1 = @"INSERT INTO SurveyQuestions
        (SurveyID, QuestionText, QuestionType)
        OUTPUT INSERTED.QuestionID
        VALUES
        (@SurveyID, @QuestionText, @QuestionType)";

    SqlCommand cmd1 = new SqlCommand(q1, con);

    cmd1.Parameters.AddWithValue("@SurveyID", ddlSurvey.SelectedValue);
    cmd1.Parameters.AddWithValue("@QuestionText", txtQuestion.Text);

```

```

cmd1.Parameters.AddWithValue("@QuestionType", ddlType.SelectedValue);

int questionID = (int)cmd1.ExecuteScalar();

// INSERT OPTIONS

InsertOption(con, questionID, txtOption1.Text);
InsertOption(con, questionID, txtOption2.Text);

if (ddlType.SelectedValue == "MCQ")
{
    InsertOption(con, questionID, txtOption3.Text);
    InsertOption(con, questionID, txtOption4.Text);
}

con.Close();

lblMessage.Text = "Question Added Successfully";

txtQuestion.Text = "";
txtOption1.Text = "";
txtOption2.Text = "";
txtOption3.Text = "";
txtOption4.Text = "";
}

void InsertOption(SqlConnection con, int questionID, string optionText)
{
    string query = @"INSERT INTO SurveyOptions
                    (QuestionID, OptionText)
                    VALUES
                    (@QuestionID, @OptionText)";

    SqlCommand cmd = new SqlCommand(query, con);

    cmd.Parameters.AddWithValue("@QuestionID", questionID);
    cmd.Parameters.AddWithValue("@OptionText", optionText);

    cmd.ExecuteNonQuery();
}
}
}

```

CreateSurvey.aspx :

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="CreateSurvey.aspx.cs"
Inherits="IAD09Survey.Builder.CreateSurvey" %>

<!DOCTYPE html>

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

```

```
<head runat="server">
  <title>Create Survey</title>
</head>
<body>

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

    <div>

      <h2>Create Survey</h2>

      <asp:Label ID="lblTitle" runat="server" Text="Survey Title"></asp:Label>
      <br />

      <asp:TextBox ID="txtTitle" runat="server" Width="300px"></asp:TextBox>

      <br /><br />

      <asp:Label ID="lblDescription" runat="server" Text="Description"></asp:Label>
      <br />

      <asp:TextBox
        ID="txtDescription"
        runat="server"
        TextMode="MultiLine"
        Rows="4"
        Width="300px">
      </asp:TextBox>

      <br /><br />

      <asp:CheckBox
        ID="chkAnonymous"
        runat="server"
        Text="Anonymous Survey" />

      <br /><br />

      <asp:Button
        ID="btnCreate"
        runat="server"
        Text="Create Survey"
        OnClick="btnCreate_Click" />

      <br /><br />

      <asp:Label
        ID="lblMessage"
        runat="server"
        ForeColor="Green">
      </asp:Label>

    </div>
```

```
<asp:HyperLink  
ID="hlResults"  
runat="server"  
NavigateUrl="~/Analysis/SurveyResults.aspx">
```

View Survey Results

```
</asp:HyperLink>
```

```
<br /><br />
```

```
</form>
```

```
</body>
```

```
</html>
```

CreateSurvey.aspx.cs :

```
using System;  
using System.Configuration;  
using System.Data.SqlClient;  
  
namespace IAD09Survey.Builder  
{  
    public partial class CreateSurvey  
        : System.Web.UI.Page  
    {  
        string cs =  
            ConfigurationManager  
                .ConnectionStrings["QuizDB2"]  
                .ConnectionString;  
  
        protected void Page_Load(  
            object sender,  
            EventArgs e)  
        {  
        }  
  
        protected void btnCreate_Click(  
            object sender,  
            EventArgs e)  
        {  
            SqlConnection con =  
                new SqlConnection(cs);  
  
            con.Open();  
  
            string query =  
                @"INSERT INTO Surveys
```

```
(Title,  
Description,  
IsAnonymous,  
CreatedBy)
```

```
OUTPUT INSERTED.SurveyID
```

```
VALUES  
(@Title,  
@Description,  
@IsAnonymous,  
@CreatedBy);
```

```
SqlCommand cmd =  
    new SqlCommand(query, con);
```

```
cmd.Parameters.AddWithValue(  
    "@Title",  
    txtTitle.Text);
```

```
cmd.Parameters.AddWithValue(  
    "@Description",  
    txtDescription.Text);
```

```
cmd.Parameters.AddWithValue(  
    "@IsAnonymous",  
    chkAnonymous.Checked);
```

```
cmd.Parameters.AddWithValue(  
    "@CreatedBy",  
    4);
```

```
int surveyID =  
    (int)cmd.ExecuteScalar();
```

```
con.Close();
```

```
Response.Redirect(  
    "AddQuestion.aspx?SurveyID=" +  
    surveyID);
```

```
    }  
}  
}
```

Surveyor Folder :

AttemptSurvey.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="AttemptSurvey.aspx.cs"
Inherits="IAD09Survey.Surveyor.AttemptSurvey" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
  <title>Attempt Survey</title>
```

```
</head>
```

```
<body>
```

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

```
  <div>
```

```
    <h2>Attempt Survey</h2>
```

```
    <asp:Label
```

```
      ID="lblSurveyTitle"
```

```
      runat="server"
```

```
      Font-Bold="true"
```

```
      Font-Size="Large">
```

```
    </asp:Label>
```

```
    <br /><br />
```

```
    <asp:Placeholder
```

```
      ID="phQuestions"
```

```
      runat="server">
```

```
    </asp:Placeholder>
```

```
    <br />
```

```
    <asp:Button
```

```
      ID="btnSubmit"
```

```
      runat="server"
```

```
      Text="Submit Survey"
```

```
      OnClick="btnSubmit_Click" />
```

```
    <br /><br />
```

```
    <asp:Label
```

```
      ID="lblMessage"
```

```
      runat="server"
```

```
      ForeColor="Green">
```

```
    </asp:Label>
```

```
  </div>
```

```
</form>
```

```
</body>
```

</html>

AttemptSurvey.aspx.cs :

```
using System;
using System.Configuration;
using System.Data.SqlClient;

namespace IAD09Survey.Surveyor
{
    public partial class AttemptSurvey : System.Web.UI.Page
    {
        string cs =
            ConfigurationManager.ConnectionStrings["QuizDB2"].ConnectionString;

        int surveyID;

        protected void Page_Load(object sender, EventArgs e)
        {
            if (Request.QueryString["SurveyID"] == null)
            {
                lblSurveyTitle.Text = "Invalid Survey";
                return;
            }

            surveyID = Convert.ToInt32(Request.QueryString["SurveyID"]);

            if (!IsPostBack)
            {
                LoadSurvey();
            }
        }

        void LoadSurvey()
        {
            using (SqlConnection con = new SqlConnection(cs))
            {
                con.Open();

                SqlCommand titleCmd = new SqlCommand(
                    "SELECT Title FROM Surveys WHERE SurveyID=@SurveyID", con);

                titleCmd.Parameters.AddWithValue("@SurveyID", surveyID);

                object title = titleCmd.ExecuteScalar();

                if (title == null)
                {
                    lblSurveyTitle.Text = "Survey Not Found";
                    return;
                }

                lblSurveyTitle.Text = title.ToString();
            }
        }
    }
}
```

```

SqlCommand qCmd = new SqlCommand(
    @"SELECT QuestionID, QuestionText
    FROM SurveyQuestions
    WHERE SurveyID=@SurveyID", con);

qCmd.Parameters.AddWithValue("@SurveyID", surveyID);

SqlDataReader reader = qCmd.ExecuteReader();

while (reader.Read())
{
    int qid = Convert.ToInt32(reader["QuestionID"]);
    string qtext = reader["QuestionText"].ToString();

    lblSurveyTitle.Text += "<br/><b>" + qtext + "</b><br/>";

    reader.Close();

    SqlCommand optCmd = new SqlCommand(
        @"SELECT OptionID, OptionText
        FROM SurveyOptions
        WHERE QuestionID=@QuestionID", con);

    optCmd.Parameters.AddWithValue("@QuestionID", qid);

    SqlDataReader optReader = optCmd.ExecuteReader();

    System.Web.UI.WebControls.RadioButtonList rbl =
        new System.Web.UI.WebControls.RadioButtonList();

    rbl.ID = "Q_" + qid;

    while (optReader.Read())
    {
        rbl.Items.Add(new System.Web.UI.WebControls.ListItem(
            optReader["OptionText"].ToString(),
            optReader["OptionID"].ToString()
        ));
    }

    optReader.Close();

    phQuestions.Controls.Add(rbl);
    phQuestions.Controls.Add(new System.Web.UI.LiteralControl("<br/>"));

    reader = qCmd.ExecuteReader();
    reader.Read();
}

reader.Close();
}
}

```

```

protected void btnSubmit_Click(object sender, EventArgs e)
{
    using (SqlConnection con = new SqlConnection(cs))
    {
        con.Open();

        SqlCommand respCmd = new SqlCommand(
            @"INSERT INTO SurveyResponses (SurveyID, UserID)
            OUTPUT INSERTED.ResponseID
            VALUES (@SurveyID, @UserID)", con);

        respCmd.Parameters.AddWithValue("@SurveyID", surveyID);
        respCmd.Parameters.AddWithValue("@UserID", 5);

        int responseID = (int)respCmd.ExecuteScalar();

        foreach (string key in Request.Form.AllKeys)
        {
            if (key != null && key.StartsWith("Q_"))
            {
                int questionID = Convert.ToInt32(key.Replace("Q_", ""));
                string optionID = Request.Form[key];

                if (!string.IsNullOrEmpty(optionID))
                {
                    SqlCommand ansCmd = new SqlCommand(
                        @"INSERT INTO SurveyAnswers
                        (ResponseID, QuestionID, OptionID)
                        VALUES (@ResponseID, @QuestionID, @OptionID)", con);

                    ansCmd.Parameters.AddWithValue("@ResponseID", responseID);
                    ansCmd.Parameters.AddWithValue("@QuestionID", questionID);
                    ansCmd.Parameters.AddWithValue("@OptionID", optionID);

                    ansCmd.ExecuteNonQuery();
                }
            }
        }

        Response.Redirect("SubmissionSuccess.aspx");
    }
}

```

MySurveys.aspx :

```

<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="MySurveys.aspx.cs"
Inherits="IAD09Survey.Surveyor.MySurveys" %>

```

```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>My Surveys</title>
</head>
<body>

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

    <div>

        <h2>Available Surveys</h2>

        <asp:GridView
            ID="gvSurveys"
            runat="server"
            AutoGenerateColumns="False"
            OnRowCommand="gvSurveys_RowCommand">

            <Columns>

                <asp:BoundField
                    DataField="SurveyID"
                    HeaderText="Survey ID" />

                <asp:BoundField
                    DataField="Title"
                    HeaderText="Title" />

                <asp:BoundField
                    DataField="Description"
                    HeaderText="Description" />

                <asp:TemplateField HeaderText="Action">
                    <ItemTemplate>

                        <asp:Button
                            ID="btnAttempt"
                            runat="server"
                            Text="Attempt"
                            CommandName="Attempt"
                            CommandArgument=<%# Eval("SurveyID") %>' />

                    </ItemTemplate>
                </asp:TemplateField>

            </Columns>

        </asp:GridView>

    </div>
```

```
</form>
```

```
</body>
```

```
</html>
```

MySurveys.aspx.cs :

```
using System;
using System.Configuration;
using System.Data;
using System.Data.SqlClient;

namespace IAD09Survey.Surveyor
{
    public partial class MySurveys : System.Web.UI.Page
    {
        string cs =
            ConfigurationManager
                .ConnectionStrings["QuizDB2"]
                .ConnectionString;

        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                LoadSurveys();
            }
        }

        void LoadSurveys()
        {
            SqlConnection con =
                new SqlConnection(cs);

            string query =
                @"SELECT SurveyID,
                    Title,
                    Description
                FROM Surveys
                WHERE IsActive = 1";

            SqlDataAdapter da =
                new SqlDataAdapter(query, con);

            DataTable dt = new DataTable();

            da.Fill(dt);

            gvSurveys.DataSource = dt;
            gvSurveys.DataBind();
        }
    }
}
```

```

protected void gvSurveys_RowCommand(
    object sender,
    System.Web.UI.WebControls.GridViewCommandEventArgs e)
{
    if (e.CommandName == "Attempt")
    {
        string surveyID =
            e.CommandArgument.ToString();

        Response.Redirect(
            "AttemptSurvey.aspx?SurveyID="
            + surveyID);
    }
}
}
}

```

SubmissionSuccess.aspx :

```

<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="SubmissionSuccess.aspx.cs"
Inherits="IAD09Survey.Surveyor.SubmissionSuccess" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Success</title>
</head>
<body>

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

    <div>

        <h2>
            Survey Submitted Successfully
        </h2>

    </div>

</form>

</body>
</html>

```

SubmissionSuccess.aspx.cs :

```

using System;

namespace IAD09Survey.Surveyor
{
    public partial class SubmissionSuccess
        : System.Web.UI.Page
    {
        protected void Page_Load(
            object sender, EventArgs e)
        {

        }
    }
}

```

Web.config :

```

<?xml version="1.0" encoding="utf-8"?>
<!--
    For more information on how to configure your ASP.NET application, please visit
    https://go.microsoft.com/fwlink/?LinkId=169433
-->
<configuration>
    <connectionStrings>

        <add
            name="QuizDB2"
            connectionString="
                Data Source=QuizDB2.mssql.somee.com;
                Initial Catalog=QuizDB2;
                User ID=takreem_atif_SQLLogin_1;
                Password=fac7pdonbg;
                TrustServerCertificate=True;"
            providerName="System.Data.SqlClient" />

    </connectionStrings>

    <system.web>
        <compilation debug="true" targetFramework="4.7.2" />
        <httpRuntime targetFramework="4.7.2" />
        <pages>
            <namespaces>
                <add namespace="System.Web.Optimization" />
            </namespaces>
            <controls>
                <add assembly="Microsoft.AspNet.Web.Optimization.WebForms"
                    namespace="Microsoft.AspNet.Web.Optimization.WebForms" tagPrefix="webopt" />
            </controls>
        </pages>
    </system.web>
</configuration>

```

```

    </controls>
  </pages>
</system.web>
<runtime>
  <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
    <dependentAssembly>
      <assemblyIdentity name="Antlr3.Runtime" publicKeyToken="eb42632606e9261f" />
      <bindingRedirect oldVersion="0.0.0.0-3.5.0.2" newVersion="3.5.0.2" />
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="Microsoft.Web.Infrastructure" publicKeyToken="31bf3856ad364e35" />
      <bindingRedirect oldVersion="0.0.0.0-2.0.0.0" newVersion="2.0.0.0" />
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="Newtonsoft.Json" publicKeyToken="30ad4fe6b2a6aeed" />
      <bindingRedirect oldVersion="0.0.0.0-13.0.0.0" newVersion="13.0.0.0" />
    </dependentAssembly>
    <dependentAssembly>
      <assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />
      <bindingRedirect oldVersion="0.0.0.0-1.6.5135.21930" newVersion="1.6.5135.21930" />
    </dependentAssembly>
  </assemblyBinding>
</runtime>
<system.codedom>
  <compilers>
    <compiler language="c#;cs;csharp" extension=".cs"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default
/nowarn:1659;1699;1701" />
    <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default /nowarn:41008
/define:_MYTYPE=\&quot;Web\&quot;; /optionInfer+" />
  </compilers>
</system.codedom>
</configuration>

```