

Admin(Login):

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

public partial class admin : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        FormsAuthentication.SetAuthCookie("admin", true);
    }
}
```

Add Elections:

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

```
using System.Web.UI.WebControls;
```

```
public partial class addElections : System.Web.UI.Page
```

```
{
```

```
    SqlConnection con;
```

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

```
    {
```

```
        Label1.Text = "";
```

```
    }
```

```
    protected void LinkButton1_Click(object sender, EventArgs e)
```

```
    {
```

```
        string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();
```

```
        con = new SqlConnection(str);
```

```
        con.Open();
```

```
        string one = startdate.Value;
```

```
        string two = starttime.Value;
```

```
        DateTime dt1 = Convert.ToDateTime(one + " " + two);
```

```
        one = enddate.Value;
```

```
        two = endtime.Value;
```

```
        DateTime dt2 = Convert.ToDateTime(one + " " + two);
```

```
        int[] course = new int[7];
```

```
        int c = 0;
```

```
        foreach (ListItem item in CheckBoxList1.Items)
```

```
        {
```

```
            if (item.Selected)
```

```

    {
        course[c] = 1;
    }

    c++;
}

int[] year = new int[5];

c = 0;

foreach (ListItem item in CheckBoxList2.Items)
{
    if (item.Selected)
    {
        year[c] = 1;
    }

    c++;
}

int[] branch = new int[3];

c = 0;

foreach (ListItem item in CheckBoxList3.Items)
{
    if (item.Selected)
    {
        branch[c] = 1;
    }

    c++;
}

```

```

// string command2 = "insert into elections
values('"+title.Value+"','"+dt1.ToString()+"','"+dt2.ToString()+"','"+description.Value+"','"+course[0]+"','"+c

```

```

ourse[1]+","+course[2]+","+course[3]+","+course[4]+","+course[5]+","+course[6]+","+year[0]+","+year[1
]+","+year[2]+","+year[3]+","+year[4]+","+branch[0]+","+branch[1]+","+branch[2]+");

```

```

string command = "insert into elections(title,starttime,endtime,descriptionelection,bme) values ('" +
title.Value + "','" + dt1.ToString() + "','" + dt2.ToString() + "','" + description.Value + "','" + 0 + "')";

```

```

SqlCommand cmd = new SqlCommand(command, con);

```

```

try {

```

```

    cmd.ExecuteNonQuery();

```

```

}

```

```

catch(SqlException exre)

```

```

{

```

```

    Label1.Text = "Error. Maybe Election is already added?";

```

```

}

```

```

con.Close();

```

```

}

```

```

}

```

Candidate Register:

```

using System;

```

```

using System.Collections.Generic;

```

```

using System.Configuration;

```

```

using System.Data.SqlClient;

```

```

using System.Linq;

```

```

using System.Web;

```

```

using System.Web.UI;

```

```

using System.Web.UI.WebControls;

```

```

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

```

```

{
    SqlConnection con;

    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void LinkButton1_Click(object sender, EventArgs e)
    {
        string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();

        con = new SqlConnection(str);

        con.Open();

        string command = "insert into users values('" + rollnum.Value + "','" + firstname.Value + "','" +
        lastname.Value + "','" + mobile.Value + "','" + email.Value + "','" + state.Value + "','" + birthdate.Value +
        "','" + pointer.Value + "','" + DropDownList1.SelectedValue + "','" + DropDownList2.SelectedValue + "','" +
        DropDownList3.SelectedValue + "','" + DropDownList4.SelectedValue + "','" +
        RadioButtonList1.SelectedValue + "','" + DropDownList5.SelectedValue + "','" + pass.Value + "')";

        SqlCommand cmd = new SqlCommand(command, con);

        try {
            cmd.ExecuteNonQuery();
        }

        catch(SqlException sdfe)
        {
            Response.Write("Error. Check if you are already registered with same ID.");
        }

        con.Close();

        Response.Redirect("Default.aspx?uid=" + rollnum.Value);
    }
}

```

Candidate Login:

```
using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data.SqlClient;

using System.Linq;

using System.Web;

using System.Web.Security;

using System.Web.UI;

using System.Web.UI.WebControls;

public partial class _Default : System.Web.UI.Page
{
    SqlConnection con;

    protected void Page_Load(object sender, EventArgs e)
    {
        FormsAuthentication.SetAuthCookie("", true);

        Session.Clear();

        Session.Abandon();

        Session.RemoveAll();

        if (Request.QueryString["uid"] != null)
        {
            string msg = "You have successfully registered " + Request.QueryString["uid"].ToString() + ". Please Login.";

            Label1.Text = msg;
        }
    }
}
```

```

else
    Label1.Text = null;
}

protected void LinkButton1_Click(object sender, EventArgs e)
{
    if (username.Value != null && password.Value != null && password.Value.ToLower() == "123456"
    && username.Value.ToLower() == "srit.admin")
    {
        Response.Redirect("admin.aspx");
    }
    else
    {
        string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();
        con = new SqlConnection(str);
        con.Open();

        SqlCommand cmd = new SqlCommand("select * from users where id='" + username.Value + "'",
        con);

        SqlDataReader dr = cmd.ExecuteReader();
        if (dr.Read() == true)
        {
            if (password.Value.ToString() == dr.GetString(14))
            {
                FormsAuthentication.SetAuthCookie(username.Value, true);
                Response.Redirect("Elections.aspx");
            }
            else

```

```

        {
            Label1.Text = "Wrong Password! Try again.";
        }
    }
else
{
    Label1.Text = "No user with this Username found. Please Register.";
}

con.Close();
}
}

protected void LinkButton2_Click(object sender, EventArgs e)
{
    Response.Redirect("admin.aspx");
}
}

```

Add Candidate:

```

using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data.SqlClient;

using System.Linq;

using System.Web;

```



```

using System.Web.UI;
using System.Web.UI.WebControls;

public partial class addCandidates : System.Web.UI.Page
{
    SqlConnection con;

    protected void Page_Load(object sender, EventArgs e)
    {
        Label2.Text = "";

        if(Page.IsPostBack)
        {
            string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();
            con = new SqlConnection(str);
            con.Open();

            string c = "select id from elections where title='"+DropDownList1.SelectedValue+"'";
            SqlCommand cmd = new SqlCommand(c, con);
            SqlDataReader dr = cmd.ExecuteReader();
            if (dr.Read() == true)
            {
                Label1.Text = Convert.ToString(dr.GetInt32(0));
            }
            else
            {
                Label1.Text = "";
            }

            con.Close();
        }
    }
}

```

```
}
```

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

```
{
```

```
    string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();
```

```
    con = new SqlConnection(str);
```

```
    con.Open();
```

```
    string firstColData = "";
```

```
    string name = "";
```

```
    string c = "select id from elections where title='" + DropDownList1.SelectedValue + "'";
```

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

```
    SqlDataReader dr = cmd.ExecuteReader();
```

```
    if (dr.Read() == true)
```

```
    {
```

```
        firstColData = Convert.ToString(dr.GetInt32(0));
```

```
        name = DropDownList1.SelectedValue;
```

```
    }
```

```
    else
```

```
    {
```

```
        Label1.Text = "";
```

```
    }
```

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

```
    Response.Redirect("result.aspx?id=" + firstColData + "&title=" + name);
```

```
}
```

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

```
{
```

```
    GridViewRow grdrow = (GridViewRow)((LinkButton)sender).NamingContainer;
```

```

string firstColData = grdrow.Cells[0].Text;

string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();

con = new SqlConnection(str);

con.Open();


string command3 = "select * from selected_candidates where cid='" + firstColData + "' and eid='" +
Convert.ToInt32(Label1.Text) + "' and ename='" + DropDownList1.SelectedValue + "'";

SqlCommand check_User_Name = new SqlCommand(command3, con);

int? UserExist = (int?)check_User_Name.ExecuteScalar();


if (UserExist != null && UserExist > 0)
{
    Label2.Text = "Candidate is already selected for this election";
}
else
{
    string command = "insert into selected_candidates values ('" + firstColData + "'," +
Convert.ToInt32(Label1.Text) + "," + DropDownList1.SelectedValue + "')";

    SqlCommand cmd = new SqlCommand(command, con);

    try
    {
        cmd.ExecuteNonQuery();
    }

    catch (SqlException rsde)
    {
        Label2.Text = "Already selected this candidate for this election!";
    }

    con.Close();
}

```

```

        LinkButton l1 = sender as LinkButton;

        l1.Visible = false;
    }
}

protected void details_Click(object sender, EventArgs e)
{
    GridViewRow grdrow = (GridViewRow)((LinkButton)sender).NamingContainer;
    string firstColData = grdrow.Cells[0].Text;

    Response.Redirect("viewcandidate.aspx?id=" + firstColData);
}
}

```

Edit Elections:

```

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

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

    }
}

```

Cast Votes:

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

public partial class voting : System.Web.UI.Page
{
    SqlConnection con;
    int election_id;
    string title;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Request.QueryString["id"] != null)
        {
            election_id = Convert.ToInt32(Request.QueryString["id"]);
            title = Request.QueryString["title"].ToString();
        }
        Label1.Text = "";
    }

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

```

{
    GridViewRow grdrow = (GridViewRow)((LinkButton)sender).NamingContainer;

    string firstColData = grdrow.Cells[1].Text;
    Response.Redirect("viewcandidate.aspx?id=" + firstColData);
}

protected void vote_Click(object sender, EventArgs e)
{
    string user_course;
    string user_branch;
    int user_year;
    GridViewRow grdrow = (GridViewRow)((LinkButton)sender).NamingContainer;

    string firstColData = grdrow.Cells[1].Text;
    string str = ConfigurationManager.ConnectionStrings["votingdatabase"].ToString();
    con = new SqlConnection(str);
    con.Open();

    string command3 = "select * from votes where eid='" + election_id + "' and title='" + title + "' and voter='" + Context.User.Identity.Name + "'";

    SqlCommand check_User_Name = new SqlCommand(command3, con);
    int UserExist = (int)check_User_Name.ExecuteScalar();

    if (UserExist > 0)
    {
        Label1.Text = "You Already Gave Vote For This Election";
    }
    else
    {

```

```

bool authorised = false;

string str1 = "select * from elections where id='" + election_id + "'";

string str2 = "select course,yearuser,branch from users where id='" +
Context.User.Identity.Name + "'";


SqlCommand cmd2 = new SqlCommand(str2, con);

SqlDataReader dr2 = cmd2.ExecuteReader();

dr2.Read();

user_course = dr2.GetString(0);

user_year = dr2.GetInt32(1);

user_branch = dr2.GetString(2);

dr2.Close();

SqlCommand cmd1 = new SqlCommand(str1, con);

SqlDataReader dr1 = cmd1.ExecuteReader();

if (dr1.Read() == true)
{
    //if((dr1.GetInt32(0)==1 && user_course == "btech") || (dr1.GetInt32(1) == 1 &&
user_course == "mtech") || (dr1.GetInt32(2) == 1 && user_course == "phd") ||

    // (dr1.GetInt32(3) == 1 && user_course == "mba") || (dr1.GetInt32(4) == 1 &&
user_course == "btechmtech") || (dr1.GetInt32(5) == 1 && user_course == "btechmba") ||

    // (dr1.GetInt32(6) == 1 && user_course == "mtechphd") )

    //{

    //if((dr1.GetInt32(7) == 1 && user_year == 1) ||(dr1.GetInt32(8) == 1 && user_year == 2)
|| (dr1.GetInt32(9) == 1 && user_year == 3) ||(dr1.GetInt32(10) == 1 && user_year == 4)
|| (dr1.GetInt32(11) == 1 && user_year == 5))

    //{

    // if((dr1.GetInt32(12)==1 && user_branch=="IT") ||(dr1.GetInt32(13) == 1 && user_branch
== "ECE") || (dr1.GetInt32(14) == 1 && user_branch == "BME"))

    // {

authorised = true;

```

```

        // }

        //}

        //}
    }

    dr1.Close();

    if (authorised)
    {
        string command = "insert into votes values (" + election_id + ", " + title + ", " + firstColData +
            ", " + Context.User.Identity.Name + ")";

        SqlCommand cmd = new SqlCommand(command, con);

        try
        {
            cmd.ExecuteNonQuery();
        }

        catch (SqlException e1)
        {
            Label1.Text = "Already voted!";
        }
    }

    else

        Label1.Text = "You have not been authorised by Admin to vote in this election as per your
credentials!";

    con.Close();

    LinkButton l1 = sender as LinkButton;

    l1.Visible = false;
}

}

```



```
}
```

Declaring Results:

```
using System;
```

```
using System.Collections.Generic;
```

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

```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.UI;
```

```
using System.Web.UI.WebControls;
```

```
public partial class result : System.Web.UI.Page
```

```
{
```

```
    int election_id;
```

```
    string election_name;
```

```
    SqlConnection con;
```

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

```
    {
```

```
        if (Request.QueryString["id"] != null && Request.QueryString["title"] != null)
```

```
        {
```

```
            election_id = Convert.ToInt32(Request.QueryString["id"]);
```

```
            election_name = Request.QueryString["title"];
```

```
        }
```

}

}