**Source Code Of School Management Practice Project :**

**Github Link:**

<https://github.com/11812142/SimpliLearnProject/tree/master/ASP.%20NET/Simpli_Practice3/school_management>

1. **Bal Library**

**Subject.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace bal

{

public class subjectcs

{

public int subjects\_id1 { get; set; }

public string subjects\_name1 { get; set; }

}

public class classes

{

public int class\_roomno { get; set; }

public string class\_strength { get; set; }

}

public class student

{

public int student\_id { get; set; }

public string student\_name { get; set; }

public int student\_class { get; set; }

}

}

1. **Dal Library**

**Schooldetail.cs**

using System;

using System.Collections.Generic;

using System.Data.SqlClient;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using bal;

namespace dataaccess

{

public class schooldetails

{

public List<classes> GetProducts()

{

SqlConnection c = new SqlConnection("Data Source=DESKTOP-9E6TH3I\\SQLEXPRESS;Initial Catalog=school;Integrated Security=True");

SqlCommand cmd = new SqlCommand("select \*from classes", c);

c.Open();

SqlDataReader dr = cmd.ExecuteReader();

List<classes> plist = new List<classes>();

while (dr.Read())

{

plist.Add(new classes { class\_roomno = Convert.ToInt32(dr[0]), class\_strength= dr[1].ToString() });

}

c.Close();

c.Dispose();

return plist;

}

public List<subjectcs> GetProducts1()

{

SqlConnection c = new SqlConnection("Data Source=DESKTOP-9E6TH3I\\SQLEXPRESS;Initial Catalog=school;Integrated Security=True");

SqlCommand cmd = new SqlCommand("select \*from subjects", c);

c.Open();

SqlDataReader dr = cmd.ExecuteReader();

List<subjectcs> plist = new List<subjectcs>();

while (dr.Read())

{

plist.Add(new subjectcs { subjects\_id1 = Convert.ToInt32(dr[0]), subjects\_name1 = dr[1].ToString() });

}

c.Close();

c.Dispose();

return plist;

}

public List<student> GetProducts2()

{

SqlConnection c = new SqlConnection("Data Source=DESKTOP-9E6TH3I\\SQLEXPRESS;Initial Catalog=school;Integrated Security=True");

SqlCommand cmd = new SqlCommand("select \*from student ", c);

c.Open();

SqlDataReader dr = cmd.ExecuteReader();

List<student> plist = new List<student>();

while (dr.Read())

{

plist.Add(new student { student\_id= Convert.ToInt32(dr[0]),student\_name = dr[1].ToString(),student\_class = Convert.ToInt32(dr[2]) });

}

c.Close();

c.Dispose();

return plist;

}

}

}

1. **In School Management**

**Site.master**

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="school.master.cs" Inherits="school\_management.school" %>

<!DOCTYPE html>

<html>

<head runat="server">

<title></title>

<asp:ContentPlaceHolder ID="head" runat="server">

</asp:ContentPlaceHolder>

</head>

<body bgcolor="lavender" >

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

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<asp:Image ID="Image1" runat="server" Height="331px" ImageUrl="~/images/Image1.jpg" style="margin-top: 0px" Width="358px" />

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<asp:Label ID="Label1" runat="server" Font-Bold="True" Font-Italic="True" Font-Overline="True" Font-Size="X-Large" Font-Underline="False" ForeColor="#0099FF" style="margin-left: 0px" Text="SCHOOL MANAGEMENT" Width="500px"></asp:Label>

<br />

<br />

<br />

<div>

<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">

</asp:ContentPlaceHolder>

</div>

</form>

</body>

</html>

**Show Schooldetails.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/school.Master" AutoEventWireup="true" CodeBehind="show school details.aspx.cs" Inherits="school\_management.show\_class\_details" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

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<asp:LinkButton ID="LinkButton1" runat="server" BackColor="pink" BorderStyle="Groove" Font-Bold="True" Font-Italic="True" Font-Size="17pt" Height="32px" PostBackUrl="~/showclasses.aspx" Width="122px">show class</asp:LinkButton>

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<asp:LinkButton ID="LinkButton2" runat="server" BackColor="Pink" BorderStyle="Groove" Font-Bold="True" Font-Italic="True" Font-Size="17pt" PostBackUrl="~/showtstudent.aspx">show students</asp:LinkButton>

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<asp:LinkButton ID="LinkButton3" runat="server" BackColor="Pink" BorderStyle="Groove" Font-Bold="True" Font-Italic="True" Font-Size="17pt" PostBackUrl="~/showsubjects.aspx">show subjects</asp:LinkButton>

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</asp:Content>

**Show classes.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/school.Master" AutoEventWireup="true" CodeBehind="showclasses.aspx.cs" Inherits="school\_management.showclasses" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<asp:Label ID="Label2" runat="server" Font-Bold="True" Font-Italic="True" Font-Size="15pt" Font-Underline="True" Text="class details:"></asp:Label>

<br />

<br />

<asp:GridView ID="GridView1" runat="server" BackColor="White" BorderColor="#999999" BorderStyle="None" BorderWidth="1px" CellPadding="3" GridLines="Vertical" Height="319px" style="margin-left: 20px" Width="1083px">

<AlternatingRowStyle BackColor="#DCDCDC" />

<FooterStyle BackColor="#CCCCCC" ForeColor="Black" />

<HeaderStyle BackColor="#000084" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#999999" ForeColor="Black" HorizontalAlign="Center" />

<RowStyle BackColor="#EEEEEE" ForeColor="Black" />

<SelectedRowStyle BackColor="#008A8C" Font-Bold="True" ForeColor="White" />

<SortedAscendingCellStyle BackColor="#F1F1F1" />

<SortedAscendingHeaderStyle BackColor="#0000A9" />

<SortedDescendingCellStyle BackColor="#CAC9C9" />

<SortedDescendingHeaderStyle BackColor="#000065" />

</asp:GridView>

</asp:Content>

**Show classes.aspx.cs**

using bal;

using dataaccess;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace school\_management

{

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

{

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

{

schooldetails b = new schooldetails();

List<classes> products = new List<classes>();

products = b.GetProducts();

GridView1.DataSource = products;

GridView1.DataBind();

}

}

}

**Show Student.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/school.Master" AutoEventWireup="true" CodeBehind="showsubjects.aspx.cs" Inherits="school\_management.showsubjects" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<asp:Label ID="Label2" runat="server" Font-Bold="True" Font-Italic="True" Font-Overline="False" Font-Size="15pt" Font-Underline="True" Text="subjects details:"></asp:Label>

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<asp:GridView ID="GridView1" runat="server" BackColor="White" BorderColor="#999999" BorderStyle="Solid" BorderWidth="1px" CellPadding="3" ForeColor="Black" GridLines="Vertical" Height="240px" style="margin-top: 0px" Width="1131px">

<AlternatingRowStyle BackColor="#CCCCCC" />

<FooterStyle BackColor="#CCCCCC" />

<HeaderStyle BackColor="Black" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#999999" ForeColor="Black" HorizontalAlign="Center" />

<SelectedRowStyle BackColor="#000099" Font-Bold="True" ForeColor="White" />

<SortedAscendingCellStyle BackColor="#F1F1F1" />

<SortedAscendingHeaderStyle BackColor="#808080" />

<SortedDescendingCellStyle BackColor="#CAC9C9" />

<SortedDescendingHeaderStyle BackColor="#383838" />

</asp:GridView>

</asp:Content>

**Show student.aspx.cs**

using bal;

using dataaccess;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace school\_management

{

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

{

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

{

schooldetails b = new schooldetails();

List<subjectcs> products = new List<subjectcs>();

products = b.GetProducts1();

GridView1.DataSource = products;

GridView1.DataBind();

}

}

}

**Show Subject.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/school.Master" AutoEventWireup="true" CodeBehind="showtstudent.aspx.cs" Inherits="school\_management.showteacher" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<asp:Label ID="Label2" runat="server" Font-Bold="True" Font-Italic="True" Font-Size="15pt" Font-Underline="True" Text="student details:"></asp:Label>

<asp:GridView ID="GridView1" runat="server" BackColor="White" BorderColor="White" BorderStyle="Ridge" BorderWidth="2px" CellPadding="3" CellSpacing="1" GridLines="None" Height="265px" style="margin-top: 48px" Width="1145px">

<FooterStyle BackColor="#C6C3C6" ForeColor="Black" />

<HeaderStyle BackColor="#4A3C8C" Font-Bold="True" ForeColor="#E7E7FF" />

<PagerStyle BackColor="#C6C3C6" ForeColor="Black" HorizontalAlign="Right" />

<RowStyle BackColor="#DEDFDE" ForeColor="Black" />

<SelectedRowStyle BackColor="#9471DE" Font-Bold="True" ForeColor="White" />

<SortedAscendingCellStyle BackColor="#F1F1F1" />

<SortedAscendingHeaderStyle BackColor="#594B9C" />

<SortedDescendingCellStyle BackColor="#CAC9C9" />

<SortedDescendingHeaderStyle BackColor="#33276A" />

</asp:GridView>

&nbsp;

</asp:Content>

**Show subjects.aspx.cs**

using bal;

using dataaccess;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace school\_management

{

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

{

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

{

schooldetails b = new schooldetails();

List<student> products = new List<student>();

products = b.GetProducts2();

GridView1.DataSource = products;

GridView1.DataBind();

}

}

}