

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; }
    }
}
```

2. 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<subjects> 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<subjects> plist = new List<subjects>();

        while (dr.Read())
        {
            plist.Add(new subjects { 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;
    }
}

```

3. In School Management

Site.master

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

<!DOCTYPE html>

[illegible]

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

<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>


```
<div>
  <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
  </asp:ContentPlaceHolder>
</div>
</form>
</body>
</html>
```

[illegible]

```
<%@ 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="showssubjects.aspx.cs" Inherits="school_management.showssubjects" %>
<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>
    <br />
    <br />
    <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();
        }
    }
}
```