**Dot Net Phase 4 – Custom Support Logger**

**Bank Practice Project**

Github: <https://github.com/11812142/PHASE4.NET/tree/master/azure-web-forms-master>

**SourceCode**

**Sql query**

create database school

use school

create table student(student\_id int primary key,student\_name varchar(25),student\_class int )

create table subjects(subjects\_id int primary key,subjects\_name varchar(25))

create table classes(class\_id int primary key,class\_strength varchar(30))

create table marks(student\_id int primary key,student\_name varchar(20),subject\_marks int)

create index student\_index on student(student\_id,student\_name,student\_class)

create index subjects\_index on subjects(subjects\_id,subjects\_name)

create index classes\_index on classes(class\_id,class\_strength)

insert into student values(1,'Aditi',12)

insert into student values(2,'Ajay',11)

insert into student values(3,'Shefali',8)

insert into student values(4,'Sawaraj',12)

insert into student values(5,'Riya',10)

insert into subjects values(101,'EVS')

insert into subjects values(166,'Science')

insert into subjects values(243,'Hindi')

insert into subjects values(301,'English')

insert into subjects values(445,'Maths')

insert into classes values(01,'Fourty Five')

insert into classes values(02,'Twenty')

insert into classes values(03,'Thirty')

insert into classes values(04,'Fourty Four')

insert into classes values(05,'Fifty')

select\*from student

select\*from subjects

select\*from classes

insert into marks values(1,'Aditya',77)

insert into marks values(2,'Riya',69)

insert into marks values(3,'Raj',98)

insert into marks values(4,'Shweta',86)

insert into marks values(5,'Zain',80)

select \* from marks

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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<br />

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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">

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<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>

<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();

}

}

}