

大 连 海 事 大 学

.NET 体系及编程 实验报告

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一、系统分析与设计

学生信息管理系统是校园网络中一个重要的应用系统，它大大改善了学校教学、科研与管理的基础环境，在一定程度上反映出学校管理现代化的水平。信息管理系统提供了强大的学生档案管理功能，方便管理员对学生信息的添加、修改、删除、查询等操作。本系统开发的总体任务是实现学生信息管理的系统化、规范化、自动化、达到提高学生信息管理效率的目的。

1.需求分析

随着我国教育产业化的飞速发展，社会对教育水平和教学管理软硬件的要求日益提高，尤其是对一个学校能够具有一整套完善的教学管理软件提出了更多的要求。为了适应这种形式，教育系统尤其是大学不仅首先要有坚实的硬件基础，还要有一整套完善的教学管理软件管理系统。而要实现这一功能，就要求学校管理者配备一套高效的教育管理网络系统，以便在学校内实施良好的一整套完善的管理且以最快的速度响应教师和学生需求，及时为他们提供服务，为他们提供一个高效、便捷的环境。学生信息管理系统是校园网络中一个重要的应用系统，它大大改善了学校教学、科研与管理的基础环境，在一定程度上反映出学校管理现代化的水平。

学生信息管理系统在开发过程中的关键部分可概括为以下几个部分：

- 1、可能会使用到该系统的用户：系统管理员、教师、学生；
- 2、各类用户的权限不一样。例如系统管理员可以添加、修改、查询学生档案资料和学生成绩，学生只能查询自己的档案、成绩，教师可以填写学生的成绩信息。

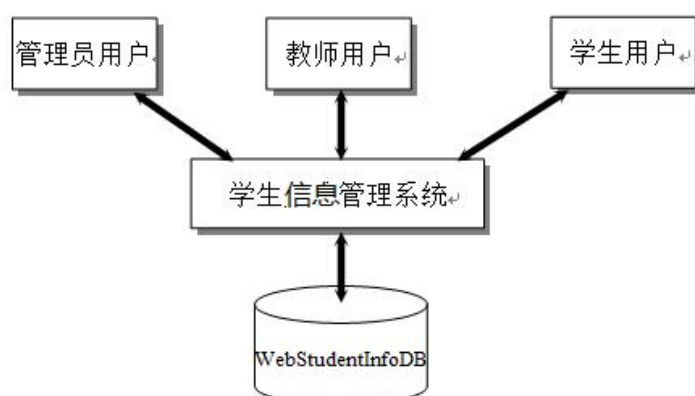
由此可见，学生信息管理系统需要满足 3 个方面的需求：管理员使用系统对全部数据进行维护操作；教师对于自己相关的部分数据实体进行操作；学生作为查询者对数据实体进行查询操作。

2.概要设计

学生信息管理网站用于实现学生、教师、课程的管理，以及课程安排、教师网上输入成绩和学生网上成绩查询等。其主要功能如下：

- 1.用户分为学生、教师和管理员 3 种类型。
- 2.管理员编辑，添加学生、教师、课程，班级。
- 3.管理员可以安排教师讲授课程以及查看学生成绩。

- 4.学生可以查看自己的成绩。
- 5.教师可以输入和修改所授课程的学生成绩以及查看该成绩。



该学生信息管理系统是用 ASP.NET+C#+ Microsoft SQL 数据库,在系统中分为三个部分管理员、任课教师和学生。

网站设计要求如下:

- 1.学生 ID、教师 ID、课程 ID 和管理员 ID 都是唯一的。
- 2.一个学生可以选修多门课程,一个教师可以讲授多门课程,但每门课程最多只有一个教师讲授。
- 3.在第一次输入各类人员的信息时,密码均为 123.
- 4.教师只能输入自己上课课程的学生成绩,学生只能查看自己的成绩,管理可以查看所有学生成绩。

3. 数据库设计

学生信息管理网站采用 SQL Server 2019 设计数据库,数据库名称为 WebStudentInfoDB,其中包含 6 个表。


学生表 student:该表用于存放学生的基本信息(由管理员输入),包含的列有 ID IDCard(学号)、name(姓名)、sex(性别)、ClassID(班级号)、Birthday(生日),Tel(电话),GetScore(修得的学分) JoinDate(入学日期) Address(地址)和 password(密码),其中 ID 为主键。

	列名	数据类型	允许 Null 值
🔑	ID	int	<input type="checkbox"/>
	IDCard	nvarchar(200)	<input checked="" type="checkbox"/>
	Password	nvarchar(200)	<input checked="" type="checkbox"/>
	Name	nvarchar(200)	<input checked="" type="checkbox"/>
	Sex	nvarchar(200)	<input checked="" type="checkbox"/>
	ClassID	int	<input checked="" type="checkbox"/>
	Birthday	nvarchar(200)	<input checked="" type="checkbox"/>
	Tel	nvarchar(200)	<input checked="" type="checkbox"/>
	GetScore	nvarchar(200)	<input checked="" type="checkbox"/>
	JoinDate	nvarchar(200)	<input checked="" type="checkbox"/>
▶	Address	nvarchar(200)	<input checked="" type="checkbox"/>
	[Content]	nvarchar(2000)	<input checked="" type="checkbox"/>
	spass	nchar(10)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>



教师表 teacher:该表用于存放教师的基本信息(由管理员输入), 包含的列有 id idcard(学工号)、name(姓名)、age(年龄)、NickName (职称) 和[Content](备注), password (密码), 其中 ID 为主键。

LAPTOP-R8GOP95...B - dbo.Teacher		LAPTOP-R8GOP95...DB - dbc	
	列名	数据类型	允许 Null 值
🔑	ID	int	<input type="checkbox"/>
	IDCard	nvarchar(200)	<input checked="" type="checkbox"/>
	Password	nvarchar(200)	<input checked="" type="checkbox"/>
	Name	nvarchar(200)	<input checked="" type="checkbox"/>
	Age	nvarchar(200)	<input checked="" type="checkbox"/>
	NickName	nvarchar(200)	<input checked="" type="checkbox"/>
▶	[Content]	nvarchar(2000)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

管理员表 admin: 该表用于存放管理员的基本信息(由管理员输入), 包含的列有 ID(管理员编号)、account(管理员账户),name (姓名) 和 password(密码), 其中 ID 为主键。

LAPTOP-R8GOP95...DB - dbo.Admin			
	列名	数据类型	允许 Null 值
	ID	int	<input type="checkbox"/>
	Account	nvarchar(200)	<input checked="" type="checkbox"/>
	Password	nvarchar(200)	<input checked="" type="checkbox"/>
	Name	nvarchar(200)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

课程表 **course**: 该表用于存放所有课程的课程名和上课情况的信息(由管理员输入), 包含的列有 ID(课程号)、CourseName (课程名)、[Content] (上课时间, 上课地点)、其中 ID 为主键。

LAPTOP-R8GOP95...DB - dbo.Course			
	列名	数据类型	允许 Null 值
	ID	int	<input type="checkbox"/>
	CourseName	nvarchar(200)	<input checked="" type="checkbox"/>
	TeacherID	int	<input checked="" type="checkbox"/>
	[Content]	nvarchar(2000)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

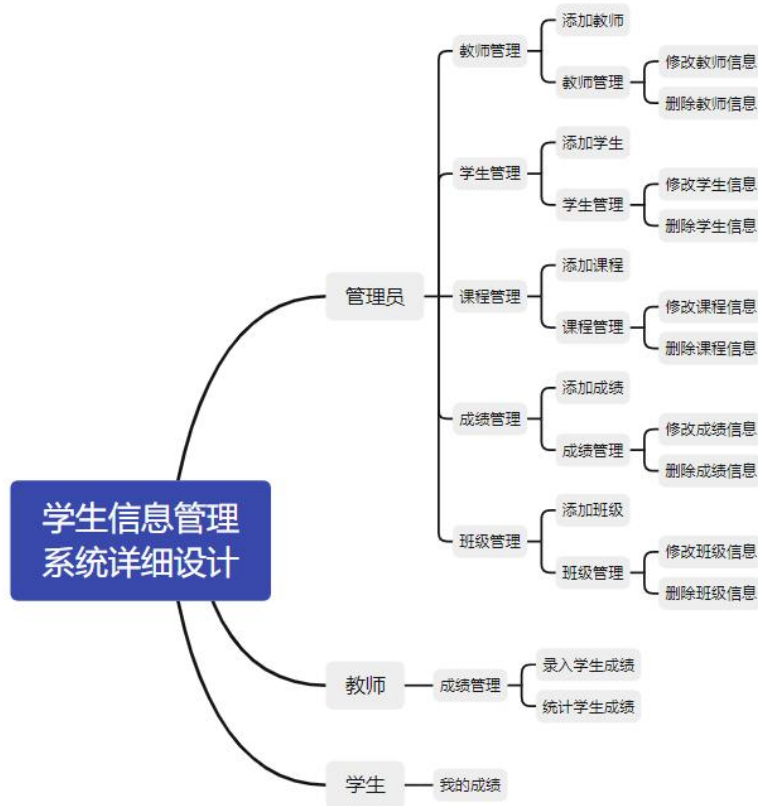
成绩表 **score**: 该表用于存放所有学生的成绩(由任课教师输入或修改), 包含的列有 ID, ScoreName (分数) StudentID (学生 ID)、CourseID (课程 ID) StudentIDcard (学生学号) StudentName (学生姓名)、CourseName (课程名)、和 TeacherIDcard (上课教师工号), 主键为 ID, [Content] (备注)。

LAPTOP-R8GOP95...oDB - dbo.Score			
	列名	数据类型	允许 Null 值
🔑	ID	int	<input type="checkbox"/>
	ScoreName	nvarchar(200)	<input checked="" type="checkbox"/>
	StudentID	int	<input checked="" type="checkbox"/>
	CourseID	int	<input checked="" type="checkbox"/>
▶	[Content]	nvarchar(2000)	<input checked="" type="checkbox"/>
	StudentIDcard	nvarchar(50)	<input checked="" type="checkbox"/>
	StudentName	nvarchar(50)	<input checked="" type="checkbox"/>
	CourseName	nvarchar(50)	<input checked="" type="checkbox"/>
	TeacherIDcard	nvarchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

班级表：ID ClassName（班级名）

LAPTOP-R8GOP959...B - dbo.Classes			
	列名	数据类型	允许 Null 值
🔑	ID	int	<input type="checkbox"/>
	ClassName	nvarchar(200)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

4.详细设计



二、实验编程设计

1.主界面：



Default.aspx 代码：

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

```
<!DOCTYPE html>
```

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

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

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Logi.aspx 代码：

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Login.aspx.cs" Inherits="Login" %>
```

```
<!DOCTYPE html>
```

```
<html lang="en" class="app">
```

```
<head>
```

```
<meta charset="utf-8" />
```



```

GroupName="登录身份" Text="管理员" ForeColor="Red" />
        <br />
    &nbsp;</form>
    </section>
</div>
</section>
<!-- footer -->
<footer id="footer">
    <div class="text-center padder">
        <p>
            <small>&copy; 学生信息管理系统</small>
        </p>
    </div>
</footer>
</body>
</html>

```

Login.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using WebApplication1.App_Code;

```

Index.aspx代码

```

public partial class Login : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    CommDB mydb = new CommDB();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void BUTTON1_ServerClick(object sender, EventArgs e)
    {
        string mysql;
        int i;
        string uname = "";
    }
}

```

```

string s1 = Request.Form["Account"];
string s2 = Request.Form["Password"];
//string input2 = Request["input2"].ToString();
//Response.Write(s1);

if (RadioButton1.Checked)    //学生登陆
{
    SqlDataReader sdr1;
    //查询数据库
    sdr1 = data.GetDataReader("select * from Student where IDCard=' " +
this.Account.Value.Trim() + "' and Password=' " + this.Password.Value.Trim() + "'");

    if (sdr1.Read())
    {
        Session["StudentID"] = sdr1["id"].ToString();
        Session["StudentName"] = sdr1["Name"].ToString();
        Alert.AlertAndRedirect("恭喜您登录成功!", "StudentIndex.aspx");
    }
    else
    {
        Alert.AlertAndRedirect("登录失败!", "Login.aspx");
    }
}
else if (RadioButton2.Checked)    //教师登陆
{
    SqlDataReader sdr1;
    //查询数据库
    sdr1 = data.GetDataReader("select * from Teacher where IDCard=' " +
this.Account.Value.Trim() + "' and Password=' " + this.Password.Value.Trim() + "'");

    if (sdr1.Read())
    {
        Session["TeacherID"] = sdr1["id"].ToString();
        Session["TeacherName"] = sdr1["Name"].ToString();
        Alert.AlertAndRedirect("恭喜您登录成功!", "TeacherIndex.aspx");
    }
    else
    {
        Alert.AlertAndRedirect("登录失败!", "Login.aspx");
    }
}
else if (RadioButton3.Checked)    //管理员登陆
{
    SqlDataReader sdr1;

```

```

//查询数据库
sdr1 = data.GetDataReader("select * from Admin where Account=' " +
this.Account.Value.Trim() + "' and Password=' " + this.Password.Value.Trim() + "'");

if (sdr1.Read())
{
    Session["AdminID"] = sdr1["id"].ToString();
    Session["AdminName"] = sdr1["Name"].ToString();
    Alert.AlertAndRedirect("恭喜您登录成功! ", "Index.aspx");
}
else
{
    Alert.AlertAndRedirect("登录失败! ", "Login.aspx");
}
}
else //没有选择用户类型
    Response.Write("<script>alert('抱歉，必须选择用户类型!')</script>");
}
}

```

Index.aspx.cs 代码:

```

using System;
using System.Collections.Generic;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

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

    }
}

```

2.管理员界面：



Index.aspx 代码：

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Index.aspx.cs"
Inherits="Admin_Index" %>

<!DOCTYPE html>
<html lang="en" class="app">
<head>
    <meta charset="utf-8" />
    <title>Index</title>
    <meta name="description" content="app, web app, responsive, admin dashboard, admin,
flat, flat ui, ui kit, off screen nav" />
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1"
/>
    <link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
    <script src="/Content/js/jquery.min.js"></script>
    <script src="/Content/js/bootstrap.js"></script>
    <script src="/Content/js/app.js"></script>
</head>
<body class="">
    <section class="vbox">
        <header class="bg-white-only header header-md navbar navbar-fixed-top-xs">
            <div class="navbar-header aside bg-info nav-xs">
                <a class="btn btn-link visible-xs"
data-toggle="class:nav-off-screen,open" data-target="#nav,html">
                    <i class="icon-list"></i>
            </div>
        </header>
    </section>
</body>
</html>
```

```

    </a>
    <a asp-controller="Home" asp-action="Index" class="navbar-brand text-lt">
        <i class="icon-bell"></i>
        <!---->
        <span class="hidden-nav-xs m-l-sm">Student</span>
    </a>
    <a class="btn btn-link visible-xs" data-toggle="dropdown"
data-target=".user">
        <i class="icon-settings"></i>
    </a>
</div>
<ul class="nav navbar-nav hidden-xs">
    <li>
        <a href="#nav,.navbar-header" data-toggle="class:nav-xs,nav-xs"
class="text-muted">
            <i class="fa fa-indent text"></i>
            <i class="fa fa-dedent text-active"></i>
        </a>
    </li>
</ul>
<div class="navbar-brand ">
    <span style="color:#999">学生信息管理系统
        <span class="musicbar animate inline m-l-sm"
style="width:20px;height:20px">
            <span class="bar1 a1 bg-primary lter"></span>
            <span class="bar2 a2 bg-info lt"></span>
            <span class="bar3 a3 bg-success"></span>
            <span class="bar4 a4 bg-warning dk"></span>
            <span class="bar5 a5 bg-danger dker"></span>
        </span>
    </span>
</div>
<div class="navbar-right ">
    <ul class="nav navbar-nav m-n hidden-xs nav-user user">
        <li class="dropdown">
            <a href="#" class="dropdown-toggle bg clear"
data-toggle="dropdown">
                设置 <b class="caret"></b>
            </a>
            <ul class="dropdown-menu animated fadeInRight">
                <%--<li>
                    <span class="arrow top"></span>
                    <a data="MyInfo.aspx" class="auto">个人信息</a>
                </li>

```

```

        <li class="divider"></li>--%>
        <li>
            <a href="/Login.aspx">退出</a>
        </li>
    </ul>
</li>
</ul>
</div>
</header>
<section>
    <section class="hbox stretch">
        <!-- 导航部分 -->
        <aside class="bg-black dk nav-xs aside hidden-print" id="nav">
            <section class="vbox">
                <section class="w-f-md scrollable">
                    <div class="slim-scroll" data-height="auto"
data-disable-fade-out="true" data-distance="0" data-size="10px" data-railOpacity="0.2">
                        <!-- nav -->
                        <nav class="nav-primary hidden-xs">
                            <ul class="nav" data-ride="collapse">
                                <li class="hidden-nav-xs padder m-t m-b-sm
text-xs text-muted">
                                    基本功能
                                </li>
                                <li>
                                    <a href="#" class="auto">
                                        <span class="pull-right text-muted">
                                            <i class="fa fa-angle-left
text"></i>
                                            <i class="fa fa-angle-down
text-active"></i>
                                        </span>
                                        <i class="icon-screen-desktop icon">
                                        </i>
                                        <span>教师管理</span>
                                    </a>
                                    <ul class="nav dk text-sm">
                                        <li>
                                            <a
class="auto">
                                                <i class="fa fa-angle-right
text-xs"></i>
                                                <span>添加教师</span>
                                            </a>

```

```

</li>
<li>
    <a          data="TeacherManage.aspx"
class="auto">
        <i    class="fa    fa-angle-right
text-xs"></i>
            <span>教师管理</span>
        </a>
    </li>
</ul>
</li>
<li>
    <a href="#" class="auto">
        <span class="pull-right text-muted">
            <i    class="fa    fa-angle-left
text"></i>
                <i    class="fa    fa-angle-down
text-active"></i>
                    </span>
                    <i class="icon-screen-desktop icon">
                    </i>
                    <span>学生管理</span>
                </a>
                <ul class="nav dk text-sm">
                    <li>
                        <a          data="AddStudent.aspx"
class="auto">
                            <i    class="fa    fa-angle-right
text-xs"></i>
                                <span>添加学生</span>
                            </a>
                        </li>
                        <li>
                            <a          data="StudentManage.aspx"
class="auto">
                                <i    class="fa    fa-angle-right
text-xs"></i>
                                    <span>学生管理</span>
                                </a>
                        </li>
                    </ul>
                </li>
                <li>
                    <a href="#" class="auto">

```



```

text"></i>
text-active"></i>

class="auto">
text-xs"></i>
<a data="CourseManage.aspx" class="auto">
text-xs"></i>

text"></i>
text-active"></i>

class="auto">
text-xs"></i>

```

```

<span class="pull-right text-muted">
    <i class="fa fa-angle-left"
    <i class="fa fa-angle-down"

</span>
<i class="icon-screen-desktop icon">
</i>
<span>课程管理</span>
</a>
<ul class="nav dk text-sm">
    <li>
        <a data="AddCourse.aspx"
            <i class="fa fa-angle-right"
            <span>添加课程</span>
        </a>
        <i class="fa fa-angle-right"
        <span>课程管理</span>
    </a>
    </li>
</ul>
</li>
<li>
    <a href="#" class="auto">
        <span class="pull-right text-muted">
            <i class="fa fa-angle-left"
            <i class="fa fa-angle-down"

        </span>
        <i class="icon-screen-desktop icon">
        </i>
        <span>班级管理</span>
    </a>
    <ul class="nav dk text-sm">
        <li>
            <a data="AddClasses.aspx"
                <i class="fa fa-angle-right"

```

```

                                <span>添加班级</span>
                            </a>
                        </li>
                        <li>
                            <a
                                data="ClassesManage.aspx"
                                class="auto">
                                    <i class="fa fa-angle-right
                                        text-xs"></i>
                                        <span>班级管理</span>
                                    </a>
                                </li>
                            </ul>
                        </li>
                        <li>
                            <a href="#" class="auto">
                                <span class="pull-right text-muted">
                                    <i class="fa fa-angle-left
                                        text"></i>
                                        <i class="fa fa-angle-down
                                            text-active"></i>
                                        </span>
                                    <i class="icon-screen-desktop icon">
                                        </i>
                                    <span>成绩统计</span>
                                </a>
                                <ul class="nav dk text-sm">
                                    <li>
                                        <a
                                            data="ScoreStatistics.aspx"
                                            class="auto">
                                                <i class="fa fa-angle-right
                                                    text-xs"></i>
                                                    <span>成绩统计</span>
                                                </a>
                                            </li>
                                        </ul>
                                    </li>
                                </ul>
                            </nav>
                            <!-- / nav -->
                        </div>
                    </section>
                </section>
            </aside>
            <!-- 内容部分 -->

```

```

<section id="content">
  <section class="hbox stretch">
    <section>
      <section class="vbox">
        <section class="scrollable" paddler-lg w-f-md"
id="bjax-target" style="bottom:0;">
          <div class="row row-sm" style="padding-top:2%;">
            <iframe src="admin_main.aspx" id="mainIfram"
style="border:none;" width="100%" name="right" scrolling="no" height="1200px"></iframe>
          </div>
        </section>
      </section>
    </section>
  </section>
</section>
</section>
</section>
</section>
</body>
</html>
<script>
  $(".auto").on("click", function () {
    $("#mainIfram").attr("src", $(this).attr("data"));
  });
</script>

```

2.1.1 显示学生信息界面：

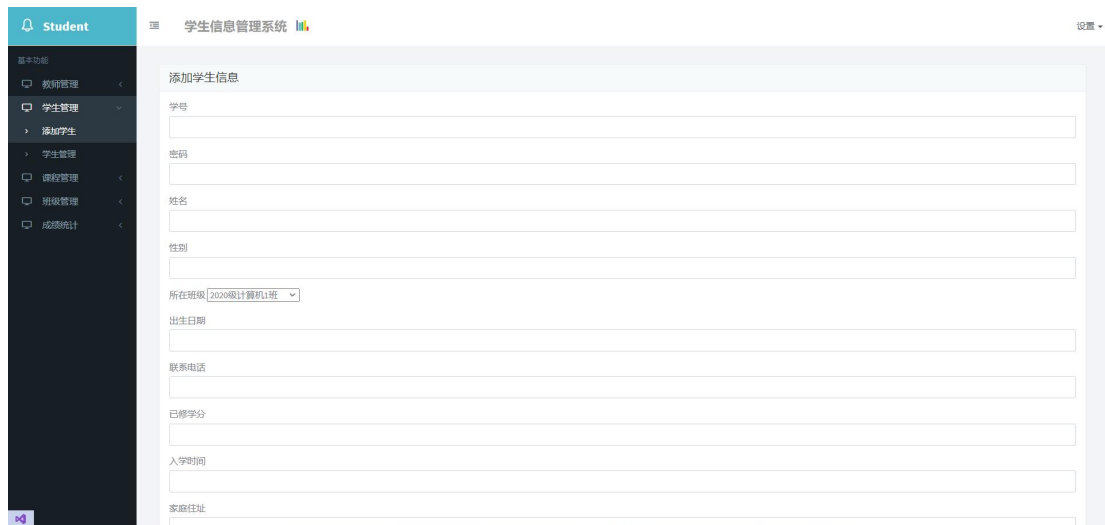
Student 学生信息管理系统 设置

当前位置：学生信息管理

学号: 查询

学号	密码	姓名	性别	所在班级	出生日期	联系电话	已修学分	入学日期	家庭地址	操作	操作
2220201979	123	张帅	男	2020级网络工程1班	2001.05.02	13934758979	120	2020.09.01	凌海路1号瀚海六612	修改	删除
2220201971	123	李白	男	2020级网络工程2班	2000.08.13	13312345679	109	2020.09.01	xxx	修改	删除
2220201972	123	兰陵王	男	2020级计算机2班	2001.06.13	13989793468	110	2020.09.01	无	修改	删除
2220201973	123	不知火舞	女	2020级计算机1班	2001.07.26	13534897975	132	2020.09.01	无	修改	删除
2220201974	123	阿柯	女	2020级计算机3班	2001.12.14	13975893479	115	2020.09.01	无	修改	删除

2.1.2 添加学生信息界面:



AddStudent.aspx 代码:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AddStudent.aspx.cs"
Inherits="Admin_AddStudent" %>

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable padder">
            <div class="row">
                <div class="col-sm-12">
                    <form data-validate="parsley" method="post" runat="server">
                        <section class="panel panel-default">
                            <header class="panel-heading">
                                <span class="h4">添加学生信息</span>
                            </header>
                            <div class="panel-body">
                                <div class="form-group">
                                    <label>学号</label>
                                    <input type="text" class="form-control" id="IDCard"
```

```

name="IDCard" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>密码</label>
        <input type="text" class="form-control"
id="Password" name="Password" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>姓名</label>
        <input type="text" class="form-control" id="Name"
name="Name" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>性别</label>
        <input type="text" class="form-control" id="Sex"
name="Sex" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>所在班级</label>
        <asp:DropDownList ID="GetClasses"
runat="server"></asp:DropDownList>
    </div>
    <div class="form-group">
        <label>出生日期</label>
        <input type="text" class="form-control"
id="Birthday" name="Birthday" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>联系电话</label>
        <input type="text" class="form-control" id="Tel"
name="Tel" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>已修学分</label>
        <input type="text" class="form-control"
id="GetScore" name="GetScore" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>入学时间</label>
        <input type="text" class="form-control"
id="JoinDate" name="JoinDate" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>家庭住址</label>

```

```

<input type="text" class="form-control" id="Address"
name="Address" runat="server" data-required="true">
</div>
<div class="form-group">
<label>备注</label>
<input type="text" class="form-control" id="Content"
name="Content" runat="server" data-required="true">
</div>
</div>
<footer class="panel-footer text-left bg-light lter">
<button type="submit" class="btn btn-success btn-s-xs"
runat="server" onclick="Button2_Click">提交</button>
</footer>
</section>
</form>
</div>
</div>
</section>
</section>
<a href="#" class="hide nav-off-screen-block" data-toggle="class:nav-off-screen, open"
data-target="#nav,html"></a>
</section>

```

AddStudent.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Admin_AddStudent : System.Web.UI.Page
{
    SqlHelper mydata = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack) {
            string sql = "select * from Classes";
            DataSet ds = mydata.GetDs(sql, "tbl");
            for (int i = 0; i < ds.Tables[0].Rows.Count; i++)

```

```

        {
            GetClasses.Items.Add(new
ListItem(ds.Tables[0].Rows[i]["ClassName"].ToString(),
ds.Tables[0].Rows[i]["id"].ToString()));
        }
    }

protected void Button2_Click(object sender, EventArgs e)
{
    SqlDataReader sdr1;
    sdr1 = mydata.GetDataReader("select * from Student where IDCard=' " +
this.IDCard.Value.Trim() + "' ");

    if (sdr1.Read())
    {
        js.Alertjs("学号不能相同！");
    }
    else
    {
        try
        {
            mydata.RunSql("insert into
Student (IDCard, Password, Name, Sex, ClassID, Birthday, Tel, GetScore, JoinDate, Address, Content)
values(' " + IDCard.Value + "', ' " + Password.Value + "', ' " + Name.Value + "', ' " + Sex.Value
+ "', ' " + GetClasses.SelectedValue + "', ' " + Birthday.Value + "', ' " + Tel.Value + "', ' " +
GetScore.Value + "', ' " + JoinDate.Value + "', ' " + Address.Value + "', ' " + Content.Value +
"' )");

            js.Alertjs("添加成功！");
        }
        catch
        {
            js.Alertjs("添加失败！");
        }
    }
}

```

2.1.3 修改学生信息界面：

ModifyStudent.aspx 代码：

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="ModifyStudent.aspx.cs"
Inherits="Admin_ModifyStudent" %>

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable padder">
            <div class="row">
                <div class="col-sm-12">
                    <form data-validate="parsley" method="post" runat="server">
                        <section class="panel panel-default">
                            <header class="panel-heading">
                                <span class="h4">修改学生信息</span>
                            </header>
                            <div class="panel-body">
                                <div class="form-group">
                                    <label>学号</label>
                                    <input type="text" class="form-control" id="IDCard"
name="IDCard" runat="server" data-required="true">
                                </div>
```



```

        <div class="form-group">
            <label>密码</label>
            <input type="text" class="form-control"
id="Password" name="Password" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>姓名</label>
            <input type="text" class="form-control" id="Name"
name="Name" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>性别</label>
            <input type="text" class="form-control" id="Sex"
name="Sex" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>所在班级</label>
            <asp:DropDownList ID="GetClasses"
runat="server"></asp:DropDownList>
        </div>
        <div class="form-group">
            <label>出生日期</label>
            <input type="text" class="form-control"
id="Birthday" name="Birthday" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>联系电话</label>
            <input type="text" class="form-control" id="Tel"
name="Tel" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>已修学分</label>
            <input type="text" class="form-control"
id="GetScore" name="GetScore" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>入学时间</label>
            <input type="text" class="form-control"
id="JoinDate" name="JoinDate" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>家庭住址</label>
            <input type="text" class="form-control" id="Address"
name="Address" runat="server" data-required="true">

```

```

        </div>
        <div class="form-group">
            <label>备注</label>
            <input type="text" class="form-control" id="Content"
name="Content" runat="server" data-required="true">
        </div>
    </div>
    <footer class="panel-footer text-left bg-light lter">
        <button type="submit" class="btn btn-success btn-s-xs"
runat="server" onserverclick="Button2_Click">提交</button>
    </footer>
</section>
</form>
</div>
</div>
</section>
</section>
<a href="#" class="hide nav-off-screen-block" data-toggle="class:nav-off-screen, open"
data-target="#nav,html"></a>
</section>

```

ModifyStudent.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Admin_ModifyStudent : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    //页面首次加载执行方法
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            SqlDataReader dr = data.GetDataReader("select * from Student where id=" +
Request["id"].ToString());

```

```

        if (dr.Read())
        {
            IDCard.Value = dr["IDCard"].ToString();
            Password.Value = dr["Password"].ToString();
            Name.Value = dr["Name"].ToString();
            Sex.Value = dr["Sex"].ToString();
            Birthday.Value = dr["Birthday"].ToString();
            Tel.Value = dr["Tel"].ToString();
            GetScore.Value = dr["GetScore"].ToString();
            JoinDate.Value = dr["JoinDate"].ToString();
            Address.Value = dr["Address"].ToString();
            Content.Value = dr["Content"].ToString();

        }

        string sql = "select * from Classes";
        DataSet ds = data.GetDs(sql, "tbl");
        for (int i = 0; i < ds.Tables[0].Rows.Count; i++)
        {
            GetClasses.Items.Add(new
                ListItem(ds.Tables[0].Rows[i]["ClassName"].ToString(),
                ds.Tables[0].Rows[i]["id"].ToString()));
        }
    }

    //点击修改执行方法
    protected void Button2_Click(object sender, EventArgs e)
    {

        string sql = "update Student set IDCard=' " + IDCard.Value + "',Password=' " +
            Password.Value + "',Name=' " + Name.Value + "',Sex=' " + Sex.Value +
            "',ClassID=' " + GetClasses.SelectedValue + "',Birthday=' " + Birthday.Value + "',Tel=' " +
            Tel.Value + "',GetScore=' " + GetScore.Value + "',JoinDate=' " + JoinDate.Value +
            "',Address=' " + Address.Value + "',Content=' " + Content.Value + "' where id=" +
            Request["id"].ToString();
        data.RunSql(sql);

        Alert.AlertAndRedirect("修改信息成功", "StudentManage.aspx");

    }
}

```

2.2.1 显示课程信息界面：



CourseManage.aspx 代码：

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="CourseManage.aspx.cs"
Inherits="Admin_CourseManage" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

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

```
<head id="Head1" runat="server">
```

```
<title>学生信息管理系统</title>
```

```
<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
```

```
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
```

```
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
```

```
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
```

```
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
```

```
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
```

```
<script src="/Content/js/jquery.min.js"></script>
```

```
<script src="/Content/js/bootstrap.js"></script>
```

```
<script src="/Content/js/app.js"></script>
```

```
</head>
```

```
<body>
```

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

```
<table cellpadding="0" class="table table-responsive" cellspacing="0"
width="100%" border="0">
```

```
<tbody>
```

```
<tr>
```

```
<td valign="top" width="100%" bgcolor="#ffffff" style="height: 61px">
```

```
<table cellpadding="5" cellspacing="0" width="100%" border="0">
```

```
<tr>
```

```

        <td class="manageHead">当前位置： 课程信息管理
    </td>
</tr>
<tr>
    <td align="center" style="padding: 10px 0;">课程名称:
    <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
    <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="查询" /></td>
</tr>
<tr>
    <td align="left">
        <asp:GridView ID="GvInfo" CssClass="table
table-responsive" runat="server" AllowPaging="True" AutoGenerateColumns="False"
        BackColor="White" CellPadding="5"
        DataKeyNames="id" OnPageIndexChanging="GvInfo_PageIndexChanging"
        OnRowDataBound="GvInfo_RowDataBound"
        OnRowDeleting="GvInfo_RowDeleting" Width="100%">
            <PagerSettings FirstPageText="首页"
            LastPageText="尾页" Mode="NextPreviousFirstLast"
            NextPageText="下一页" PageButtonCount="12"
            PreviousPageText="上一页" />
            <RowStyle HorizontalAlign="Left" />
            <Columns>
                <asp:TemplateField HeaderText="课程名称">
                    <ItemTemplate>
                        <asp:Label ID="IDCard"
runat="server" Text='<%# Bind("CourseName") %>' Width="150px"></asp:Label>
                    </ItemTemplate>
                    <ItemStyle HorizontalAlign="Left"
Width="150px" />
                </asp:TemplateField>
                <asp:TemplateField HeaderText="授课教师">
                    <ItemTemplate>
                        <asp:Label ID="TeacherName"
runat="server" Text='<%# Bind("TeacherName") %>' Width="150px"></asp:Label>
                    </ItemTemplate>
                    <ItemStyle HorizontalAlign="Left"
Width="150px" />
                </asp:TemplateField>
                <asp:TemplateField HeaderText="上课时间及地
点">
                    <ItemTemplate>
                        <asp:Label ID="Content"
runat="server" Text='<%# Bind("Content") %>' Width="200px"></asp:Label>

```

```

        </ItemTemplate>
        <ItemStyle HorizontalAlign="Left"

Width="200px" />

    </asp:TemplateField>
    <asp:TemplateField HeaderText="操作">
        <ItemTemplate>
            <asp:HyperLink ID="HyperLink1"
ForeColor="Blue" runat="server" NavigateUrl='<%# "ModifyCourse.aspx?id="+Eval("id") %>'
                Text="修改"

Width="120px"></asp:HyperLink>

        </ItemTemplate>
        <ItemStyle HorizontalAlign="Left"

Width="120px" />

    </asp:TemplateField>
    <asp:TemplateField HeaderText="操作"

ShowHeader="False">

        <ItemTemplate>
            <asp:LinkButton ID="LinkButton1"
runat="server" CausesValidation="False" CommandName="Delete"
                Text="删除" ForeColor="Blue"

Width="120px"></asp:LinkButton>

        </ItemTemplate>
        <ItemStyle HorizontalAlign="Left"

Width="120px" />

    </asp:TemplateField>
</Columns>
<PagerTemplate>
    <table border="0" width="100%">
        <tr>
            <td>
                <asp:LinkButton
ID="LinkButtonFirstPage" runat="server" CommandArgument="First" CommandName="Page"
                    Visible="<%#
((GridView)Container.NamingContainer).PageIndex != 0 %>">首页 </asp:LinkButton>
                <asp:LinkButton
ID="LinkButtonPreviousPage" runat="server" CommandArgument="Prev"
                    CommandName="Page"
Visible="<%# ((GridView)Container.NamingContainer).PageIndex != 0 %>">上一页
</asp:LinkButton>

                <asp:LinkButton
ID="LinkButtonNextPage" runat="server" CommandArgument="Next" CommandName="Page"
                    Visible="<%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">下一页 </asp:LinkButton>

```

```

<asp:LinkButton
ID="LinkButtonLastPage" runat="server" CommandArgument="Last" CommandName="Page"
Visible="<%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">尾页 </asp:LinkButton>
共
<asp:Label ID="LabelPageCount" runat="server" Text="
<%# ((GridView)Container.NamingContainer).PageCount %>"> </asp:Label>页
第
<asp:Label ID="Label2" runat="server" Text="<%#
((GridView)Container.NamingContainer).PageIndex + 1 %>"> </asp:Label>页
</td>
<td align="right" width="20%"></td>
</tr>
</table>
</PagerTemplate>
<HeaderStyle BackColor="#F6F6F6" />
</asp:GridView>
<asp:Label ID="Label4" runat="server"
ForeColor="Red"></asp:Label></td>
</tr>
</table>
</td>
</tr>
</tbody>
</table>
</form>
</body>
</html>

```

CourseManage.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using System.IO;

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

```

```

{
    SqlHelper data = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Get_Info();
        }
    }
    protected void GvInfo_RowDeleting(object sender, GridViewDeleteEventArgs e)
    {
        SqlHelper mydata = new SqlHelper();

        string ID = GvInfo.DataKeys[e.RowIndex].Values[0].ToString();
        try
        {
            mydata.RunSql("delete from Course where id=' " + ID + "'");

            js.Alertjs("删除成功!");
            GvInfo.EditIndex = -1;
            Get_Info();
        }
        catch
        {
            js.Alertjs("删除失败!");
        }
    }
    private void Get_Info()
    {
        try
        {
            GvInfo.DataSource = GetCodeBy(0);
            GvInfo.DataBind();
        }
        catch
        {
        }
    }
    protected void GvInfo_PageIndexChanging(object sender, GridViewPageEventArgs e)
    {

```



```

        GvInfo.PageIndex = e.NewPageIndex;
        Get_Info();
    }

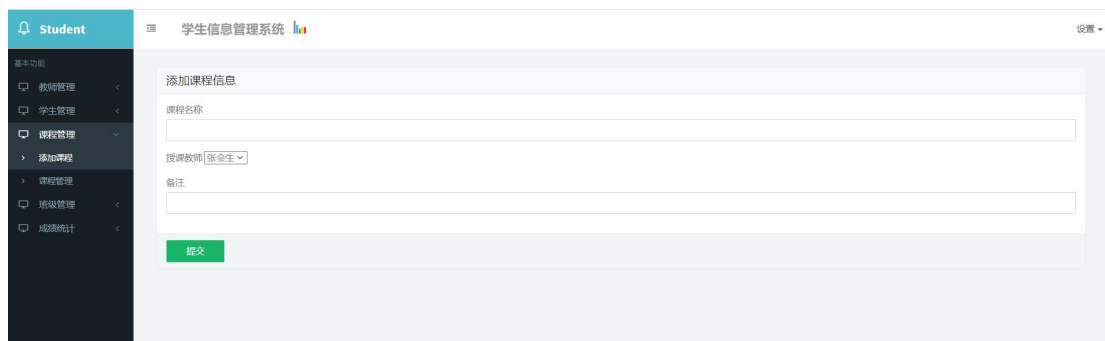
    protected void GvInfo_RowDataBound(object sender, GridViewRowEventArgs e)
    {
        //鼠标移动变色
        if (e.Row.RowType == DataControlRowType.DataRow)
        {
            //当鼠标放上去的时候 先保存当前行的背景颜色 并给附一颜色
            e.Row.Attributes.Add("onmouseover",
"currentcolor=this.style.backgroundColor;this.style.backgroundColor='#f6f6f6',this.styl
e.fontWeight='';");
            //当鼠标离开的时候 将背景颜色还原的以前的颜色
            e.Row.Attributes.Add("onmouseout",
"this.style.backgroundColor=currentcolor,this.style.fontWeight='';");
        }
        //单击行改变行背景颜色
        if (e.Row.RowType == DataControlRowType.DataRow)
        {
            e.Row.Attributes.Add("onclick", "this.style.backgroundColor='#f6f6f6';
this.style.color='buttontext';this.style.cursor='default';");
        }
    }

    public DataSet GetCodeBy(int iCount)
    {
        string strTop = "";
        if (iCount > 1)
        {
            strTop = "top " + iCount.ToString();
        }
        //查询语句
        string sql = "select " + strTop + " a.*,b.Name TeacherName from [Course] a join
Teacher b on a.TeacherID=b.id where a.CourseName like '%" + TextBox1.Text + "%' ";
        DataSet ds = data.GetDs(sql, "tbl");
        return ds;
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Get_Info();
    }
}

```

2.2.2 添加课程信息界面:



AddCourse.aspx 代码:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AddCourse.aspx.cs"
Inherits="Admin_AddCourse" %>

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable paddler">
            <div class="row">
                <div class="col-sm-12">
                    <form data-validate="parsley" method="post" runat="server">
                        <section class="panel panel-default">
                            <header class="panel-heading">
                                <span class="h4">添加课程信息</span>
                            </header>
                            <div class="panel-body">
                                <div class="form-group">
                                    <label>课程名称</label>
                                    <input type="text" class="form-control"
id="CourseName" name="CourseName" runat="server" data-required="true">
                                </div>
                                <div class="form-group">
                                    <label>授课教师</label>
```

```

                                <asp:DropDownList ID="GetTeacher"
runat="server"></asp:DropDownList>
                                </div>
                                <div class="form-group">
                                    <label>备注</label>
                                    <input type="text" class="form-control" id="Content"
name="Content" runat="server" data-required="true">
                                </div>
                            </div>
                            <footer class="panel-footer text-left bg-light lter">
                                <button type="submit" class="btn btn-success btn-s-xs"
runat="server" onclick="Button2_Click">提交</button>
                            </footer>
                        </section>
                    </form>
                </div>
            </div>
        </section>
    </section>
    <a href="#" class="hide nav-off-screen-block" data-toggle="class:nav-off-screen, open"
data-target="#nav,html"></a>
</section>

```

AddCourse.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Admin_AddCourse : System.Web.UI.Page
{
    SqlHelper mydata = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack) {
            string sql = "select * from Teacher";
            DataSet ds = mydata.GetDs(sql, "tbl");
            for (int i = 0; i < ds.Tables[0].Rows.Count; i++)

```

```

        {
            GetTeacher.Items.Add(new
ListIItem(ds.Tables[0].Rows[i]["Name"].ToString(),
ds.Tables[0].Rows[i]["id"].ToString()));
        }
    }
}

protected void Button2_Click(object sender, EventArgs e)
{
    SqlDataReader sdr1;
    sdr1 = mydata.GetDataReader("select * from Course where CourseName=' " +
this.CourseName.Value.Trim() + " " ");

    if (sdr1.Read())
    {
        js.Alertjs("课程名称不能相同！");
    }
    else
    {
        try
        {
            mydata.RunSql("insert into Course (CourseName, TeacherID, Content)
values(' " + CourseName.Value + " ', ' " + GetTeacher.SelectedValue + " ', ' " + Content.Value +
" ' )");

            js.Alertjs("添加成功！");
        }
        catch
        {
            js.Alertjs("添加失败！");
        }
    }
}
}

```

2.2.3 修改课程信息界面:

Student 学生信息管理系统

基本功能

- 教师管理
- 学生管理
- 课程管理
- 添加课程
- 课程管理
- 班级管理
- 成绩统计

修改课程信息

课程名称: 模拟电子技术

授课教师: 张会生

备注: 1-8周 周二, 周四15:30-17:05 百川楼202

提交

ModifyCourse.aspx 代码:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="ModifyCourse.aspx.cs"
Inherits="Admin_ModifyCourse" %>

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable padder">
            <div class="row">
                <div class="col-sm-12">
                    <form data-validate="parsley" method="post" runat="server">
                        <section class="panel panel-default">
                            <header class="panel-heading">
                                <span class="h4">修改课程信息</span>
                            </header>
                            <div class="panel-body">
                                <div class="form-group">
                                    <label>课程名称</label>
                                    <input type="text" class="form-control" />
                                </div>
                            </div>
                        </section>
                    </form>
                </div>
            </div>
        </section>
    </section>
</section>
```

```

id="CourseName" name="CourseName" runat="server" data-required="true">
    </div>
    <div class="form-group">
        <label>授课教师</label>
        <asp:DropDownList ID="GetTeacher"
runat="server"></asp:DropDownList>
    </div>
    <div class="form-group">
        <label>备注</label>
        <input type="text" class="form-control" id="Content"
name="Content" runat="server" data-required="true">
    </div>
</div>
<footer class="panel-footer text-left bg-light lter">
    <button type="submit" class="btn btn-success btn-s-xs"
runat="server" onserverclick="Button2_Click">提交</button>
</footer>
</section>
</form>
</div>
</div>
</section>
</section>
<a href="#" class="hide nav-off-screen-block" data-toggle="class:nav-off-screen, open"
data-target="#nav,html"></a>
</section>

```

ModifyCourse.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Admin_ModifyCourse : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    //页面首次加载执行方法
    protected void Page_Load(object sender, EventArgs e)

```

```

{
    if (!IsPostBack)
    {

        SqlDataReader dr = data.GetDataReader("select * from Course where id=" +
Request["id"].ToString());
        if (dr.Read())
        {
            CourseName.Value = dr["CourseName"].ToString();
            Content.Value = dr["Content"].ToString();

        }
        string sql = "select * from Teacher";
        DataSet ds = data.GetDs(sql, "tbl");
        for (int i = 0; i < ds.Tables[0].Rows.Count; i++)
        {
            GetTeacher.Items.Add(new
ListItem(ds.Tables[0].Rows[i]["Name"].ToString(),
ds.Tables[0].Rows[i]["id"].ToString()));
        }
    }
}

//点击修改执行方法
protected void Button2_Click(object sender, EventArgs e)
{
    string sql = "update Course set CourseName='" + CourseName.Value + "', TeacherID=' " +
GetTeacher.SelectedValue + "', Content=' " + Content.Value + "' where id=" +
Request["id"].ToString();
    data.RunSql(sql);

    Alert.AlertAndRedirect("修改信息成功", "CourseManage.aspx");
}
}

```

2.3.1 显示教师信息界面：

工号	密码	姓名	年龄	职称	备注	操作	操作
17131	123	张会生	45	高级教师	xxxx	修改	删除
17132	123	金迪	32	高级教师	信息学院辅导员	修改	删除
17133	123	李爱国	42	特级教师	电子设计大赛评委老师	修改	删除

2.3.2 添加教师信息界面：

添加教师信息

工号

密码

姓名

年龄

职称

备注

提交

AddTeacher.aspx 代码：

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AddTeacher.aspx.cs"
Inherits="Admin_AddTeacher" %>

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable paddar">
            <div class="row">
                <div class="col-sm-12">
                    <form data-validate="parsley" method="post" runat="server">
```



```

<section class="panel panel-default">
    <header class="panel-heading">
        <span class="h4">添加教师信息</span>
    </header>
    <div class="panel-body">
        <div class="form-group">
            <label>工号</label>
            <input type="text" class="form-control" id="IDCard"
name="IDCard" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>密码</label>
            <input type="text" class="form-control"
id="Password" name="Password" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>姓名</label>
            <input type="text" class="form-control" id="Name"
name="Name" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>年龄</label>
            <input type="text" class="form-control" id="Age"
name="Age" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>职称</label>
            <input type="text" class="form-control"
id="NickName" name="NickName" runat="server" data-required="true">
        </div>
        <div class="form-group">
            <label>备注</label>
            <input type="text" class="form-control" id="Content"
name="Content" runat="server" data-required="true">
        </div>
    </div>
    <footer class="panel-footer text-left bg-light lter">
        <button type="submit" class="btn btn-success btn-s-xs"
runat="server" onclick="Button2_Click">提交</button>
    </footer>
</section>
</form>
</div>
</div>

```

```

        </section>
    </section>
    <a href="#" class="hide nav-off-screen-block" data-toggle="class:nav-off-screen, open"
data-target="#nav,html"></a>
</section>

```

AddTeacher.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
public partial class Admin_AddTeacher : System.Web.UI.Page
{
    SqlHelper mydata = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void Button2_Click(object sender, EventArgs e)
    {
        SqlDataReader sdr1;
        sdr1 = mydata.GetDataReader("select * from Teacher where IDCard=' " +
this.IDCard.Value.Trim() + "' ");

        if (sdr1.Read())
        {
            js.Alertjs("工号不能相同! ");
        }
        else
        {
            try
            {
                mydata.RunSql("insert into
Teacher(IDCard,Password,Name,Age,NickName,Content) values(' " + IDCard.Value + "', ' " +
Password.Value + "', ' " + Name.Value + "', ' " + Age.Value + "', ' " + NickName.Value + "', ' "
+ Content.Value + "')");
                js.Alertjs("添加成功! ");
            }
            catch { }
        }
    }
}

```

```

    }
    catch
    {
        js.Alertjs("添加失败!");
    }
}
}

```

2.3.3 修改教师信息界面:

ModifyTeacher.aspx 代码:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="ModifyTeacher.aspx.cs"
Inherits="Admin_ModifyTeacher" %>

```

```

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable paddner">
            <div class="row">
                <div class="col-sm-12">
                    <form data-validate="parsley" method="post" runat="server">
                        <section class="panel panel-default">
                            <header class="panel-heading">
                                <span class="h4">修改教师信息</span>
                            </header>
                            <div class="panel-body">

```


ModifyTeacher.aspx.cs 代码:

```
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Admin_ModifyTeacher : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    //页面首次加载执行方法
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            SqlDataReader dr = data.GetDataReader("select * from Teacher where id=" +
Request["id"].ToString());
            if (dr.Read())
            {
                IDCard.Value = dr["IDCard"].ToString();
                Password.Value = dr["Password"].ToString();
                Name.Value = dr["Name"].ToString();
                Age.Value = dr["Age"].ToString();
                NickName.Value = dr["NickName"].ToString();
                Content.Value = dr["Content"].ToString();
            }
        }
    }
    //点击修改执行方法
    protected void Button2_Click(object sender, EventArgs e)
    {
        string sql = "update Teacher set IDCard=' " + IDCard.Value + "',Password=' " +
Password.Value + "',Name=' " + Name.Value + "',Age=' " + Age.Value + "',NickName=' " +
NickName.Value + "',Content=' " + Content.Value + "' where id=" + Request["id"].ToString();
        data.RunSql(sql);
    }
}
```

```

        Alert.AlertAndRedirect("修改信息成功","TeacherManage.aspx");
    }
}

```

2.4.1 班级管理:



ClassesManage.aspx 代码:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="ClassesManage.aspx.cs"
Inherits="Admin_ClassesManage" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
    <title>学生信息管理系统</title>
    <link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
    <script src="/Content/js/jquery.min.js"></script>
    <script src="/Content/js/bootstrap.js"></script>
    <script src="/Content/js/app.js"></script>
</head>
<body>
    <form id="form1" runat="server">
        <table cellpadding="0" class="table table-responsive" cellspacing="0"
width="100%" border="0">
            <tbody>
                <tr>
                    <td valign="top" width="100%" bgcolor="#ffffff" style="height: 61px">
                        <table cellpadding="5" cellspacing="0" width="100%" border="0">
                            <tr>

```

```

        <td class="manageHead">当前位置： 班级管理
    </td>
</tr>
<tr>
    <td align="center" style="padding: 10px 0;">班级名称:
    <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
    <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="查询" /></td>
</tr>
<tr>
    <td align="left">
        <asp:GridView ID="GvInfo" CssClass="table
table-responsive" runat="server" AllowPaging="True" AutoGenerateColumns="False"
        BackColor="White" CellPadding="5"
        DataKeyNames="id" OnPageIndexChanging="GvInfo_PageIndexChanging"
        OnRowDataBound="GvInfo_RowDataBound"
        OnRowDeleting="GvInfo_RowDeleting" Width="100%">
            <PagerSettings FirstPageText="首页"
            LastPageText="尾页" Mode="NextPreviousFirstLast"
            NextPageText="下一页" PageButtonCount="12"
            PreviousPageText="上一页" />
            <RowStyle HorizontalAlign="Left" />
            <Columns>
                <asp:TemplateField HeaderText="班级名称">
                    <ItemTemplate>
                        <asp:Label ID="ClassName"
runat="server" Text='<%# Bind("ClassName") %>' Width="120px"></asp:Label>
                    </ItemTemplate>
                    <ItemStyle HorizontalAlign="Left"
Width="120px" />
                </asp:TemplateField>
                <asp:TemplateField HeaderText="操作">
                    <ItemTemplate>
                        <asp:HyperLink ID="HyperLink1"
ForeColor="Blue" runat="server" NavigateUrl='<%# "ModifyClasses.aspx?id="+Eval("id") %>'
                        Text="修改"
Width="120px"></asp:HyperLink>
                    </ItemTemplate>
                    <ItemStyle HorizontalAlign="Left"
Width="120px" />
                </asp:TemplateField>
                <asp:TemplateField HeaderText="操作"
ShowHeader="False">
                    <ItemTemplate>

```

```

                                <asp:LinkButton ID="LinkButton1"
runat="server" CausesValidation="False" CommandName="Delete"
                                Text="删除" ForeColor="Blue"
Width="120px"></asp:LinkButton>

                                </ItemTemplate>
                                <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                        </Columns>
                        <PagerTemplate>
                                <table border="0" width="100%">
                                        <tr>
                                                <td>
                                                        <asp:LinkButton
ID="LinkButtonFirstPage" runat="server" CommandArgument="First" CommandName="Page"
                                                        Visible=" <%#
((GridView)Container.NamingContainer).PageIndex != 0 %>">首页 </asp:LinkButton>
                                                        <asp:LinkButton
ID="LinkButtonPreviousPage" runat="server" CommandArgument="Prev"
                                                        CommandName="Page"
Visible=" <%# ((GridView)Container.NamingContainer).PageIndex != 0 %>">上一页
</asp:LinkButton>
                                                        <asp:LinkButton
ID="LinkButtonNextPage" runat="server" CommandArgument="Next" CommandName="Page"
                                                        Visible=" <%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">下一页 </asp:LinkButton>
                                                        <asp:LinkButton
ID="LinkButtonLastPage" runat="server" CommandArgument="Last" CommandName="Page"
                                                        Visible=" <%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">尾页 </asp:LinkButton>
                                                        共
                                                        <asp:Label ID="LabelPageCount" runat="server" Text="
<%# ((GridView)Container.NamingContainer).PageCount %>"> </asp:Label>页
                                                        第
                                                        <asp:Label ID="Label2" runat="server" Text=" <%#
((GridView)Container.NamingContainer).PageIndex + 1 %>"> </asp:Label>页
                                                </td>
                                                <td align="right" width="20%"></td>
                                        </tr>
                                </table>
                        </PagerTemplate>
                        <HeaderStyle BackColor="#F6F6F6" />

```



```

</asp:GridView>
<asp:Label ID="Label4" runat="server"
ForeColor="Red"></asp:Label></td>
</tr>
</table>
</td>
</tr>
</tbody>
</table>
</form>
</body>
</html>

```

ClassesManage.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using System.IO;

public partial class Admin_ClassesManage : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Get_Info();
        }
    }
    //删除方法
    protected void GvInfo_RowDeleting(object sender, GridViewDeleteEventArgs e)
    {
        SqlHelper mydata = new SqlHelper();

        string ID = GvInfo.DataKeys[e.RowIndex].Values[0].ToString();
        try

```

```

{
    mydata.RunSql("delete from Classes where id='" + ID + "'");

    js.Alertjs("删除成功!");
    GvInfo.EditIndex = -1;
    Get_Info();
}
catch
{
    js.Alertjs("删除失败!");
}

}

private void Get_Info()
{
    try
    {
        GvInfo.DataSource = GetCodeBy(0);
        GvInfo.DataBind();
    }
    catch
    {
    }
}

protected void GvInfo_PageIndexChanging(object sender, GridViewPageEventArgs e)
{
    GvInfo.PageIndex = e.NewPageIndex;
    Get_Info();
}

protected void GvInfo_RowDataBound(object sender, GridViewRowEventArgs e)
{
    //鼠标移动变色
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        //当鼠标放上去的时候 先保存当前行的背景颜色 并给附一颜色
        e.Row.Attributes.Add("onmouseover",
            "currentcolor=this.style.backgroundColor;this.style.backgroundColor='#f6f6f6',this.style
            e.fontWeight='';");
        //当鼠标离开的时候 将背景颜色还原的以前的颜色
        e.Row.Attributes.Add("onmouseout",
            "this.style.backgroundColor=currentcolor,this.style.fontWeight='';");
    }
}

```

```

//单击行改变行背景颜色
if (e.Row.RowType == DataControlRowType.DataRow)
{
    e.Row.Attributes.Add("onclick", "this.style.backgroundColor='#f6f6f6';
this.style.color='buttontext';this.style.cursor='default';");
}

}

public DataSet GetCodeBy(int iCount)
{
    string strTop = "";
    if (iCount > 1)
    {
        strTop = "top " + iCount.ToString();
    }
    //查询语句
    string sql = "select " + strTop + " * from [Classes] where ClassName like '%"
+ TextBox1.Text + "%' ";
    DataSet ds = data.GetDs(sql, "tbl");
    return ds;
}

protected void Button1_Click(object sender, EventArgs e)
{
    Get_Info();
}
}

```

2.5.1 成绩统计页面：



ScoreStatistics.aspx 代码：

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="ScoreStatistics.aspx.cs"
Inherits="Admin_ScoreStatistics" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
    <title>学生信息管理系统</title>
    <link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
    <script src="/Content/js/jquery.min.js"></script>
    <script src="/Content/js/bootstrap.js"></script>
    <script src="/Content/js/app.js"></script>
</head>
<body>
    <form id="form1" runat="server">
        <table cellpadding="0" class="table table-responsive" cellspacing="0"
width="100%" border="0">
            <tbody>
                <tr>
                    <td valign="top" width="100%" bgcolor="#ffffff" style="height: 61px">
                        <table cellpadding="5" cellspacing="0" width="100%" border="0">
                            <tr>
                                <td class="manageHead">当前位置：成绩统计
                                </td>
                            </tr>
                            <tr>
                                <td align="center" style="padding: 10px 0;">学生名称：
                                <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
                                班级：
                                <asp:TextBox ID="TextBox2"
                                runat="server"></asp:TextBox>
                                <asp:Button ID="Button1" runat="server"
                                OnClick="Button1_Click" Text="查询" /></td>
                            </tr>
                            <tr>
                                <td align="left">
                                    <asp:GridView ID="GvInfo" CssClass="table
table-responsive" runat="server" AllowPaging="True" AutoGenerateColumns="False"
                                    BackColor="White" CellPadding="5"
                                    DataKeyNames="StudentName" OnPageIndexChanging="GvInfo_PageIndexChanging"
                                    OnRowDataBound="GvInfo_RowDataBound"
                                    OnRowDeleting="GvInfo_RowDeleting" Width="100%">

```

```

        <PagerSettings FirstPageText="首页"
LastPageText="尾页" Mode="NextPreviousFirstLast"
        NextPageText="下一页" PageButtonCount="12"
PreviousPageText="上一页" />

        <RowStyle HorizontalAlign="Left" />
        <Columns>
            <asp:TemplateField HeaderText="学生">
                <ItemTemplate>
                    <asp:Label ID="StudentName"
runat="server" Text='<%# Bind("StudentName") %>' Width="120px"></asp:Label>
                </ItemTemplate>
                <ItemStyle HorizontalAlign="Left"
Width="120px" />
            </asp:TemplateField>
            <asp:TemplateField HeaderText="班级">
                <ItemTemplate>
                    <asp:Label ID="ClassName"
runat="server" Text='<%# Bind("ClassName") %>' Width="120px"></asp:Label>
                </ItemTemplate>
                <ItemStyle HorizontalAlign="Left"
Width="120px" />
            </asp:TemplateField>
            <asp:TemplateField HeaderText="课程">
                <ItemTemplate>
                    <asp:Label ID="CourseName"
runat="server" Text='<%# Bind("CourseName") %>' Width="120px"></asp:Label>
                </ItemTemplate>
                <ItemStyle HorizontalAlign="Left"
Width="120px" />
            </asp:TemplateField>
            <asp:TemplateField HeaderText="分数">
                <ItemTemplate>
                    <asp:Label ID="ScoreName"
runat="server" Text='<%# Bind("ScoreName") %>' Width="120px"></asp:Label>
                </ItemTemplate>
                <ItemStyle HorizontalAlign="Left"
Width="120px" />
            </asp:TemplateField>
        </Columns>
        <PagerTemplate>
            <table border="0" width="100%">
                <tr>
                    <td>

```

```

<asp:LinkButton
ID="LinkButtonFirstPage" runat="server" CommandArgument="First" CommandName="Page"
Visible="<%#
((GridView)Container.NamingContainer).PageIndex != 0 %>">首页 </asp:LinkButton>
<asp:LinkButton
ID="LinkButtonPreviousPage" runat="server" CommandArgument="Prev"
CommandName="Page"
Visible="<%# ((GridView)Container.NamingContainer).PageIndex != 0 %>">上一页
</asp:LinkButton>
<asp:LinkButton
ID="LinkButtonNextPage" runat="server" CommandArgument="Next" CommandName="Page"
Visible="<%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">下一页 </asp:LinkButton>
<asp:LinkButton
ID="LinkButtonLastPage" runat="server" CommandArgument="Last" CommandName="Page"
Visible="<%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">尾页 </asp:LinkButton>
共
<asp:Label ID="LabelPageCount" runat="server" Text="
<%# ((GridView)Container.NamingContainer).PageCount %>"> </asp:Label>页
第
<asp:Label ID="Label2" runat="server" Text="<%#
((GridView)Container.NamingContainer).PageIndex + 1 %>"> </asp:Label>页
</td>
<td align="right" width="20%"></td>
</tr>
</table>
</PagerTemplate>
<HeaderStyle BackColor="#F6F6F6" />
</asp:GridView>
<asp:Label ID="Label4" runat="server"
ForeColor="Red"></asp:Label></td>
</tr>
</table>
</td>
</tr>
</tbody>
</table>
</form>
</body>
</html>

```

ScoreStatistics.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using System.IO;

public partial class Admin_ScoreStatistics : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Get_Info();
        }
    }
    protected void GvInfo_RowDeleting(object sender, GridViewDeleteEventArgs e)
    {
        SqlHelper mydata = new SqlHelper();

        string ID = GvInfo.DataKeys[e.RowIndex].Values[0].ToString();
        try
        {
            mydata.RunSql("delete from Score where id='" + ID + "'");

            js.Alertjs("删除成功!");
            GvInfo.EditIndex = -1;
            Get_Info();
        }
        catch
        {
            js.Alertjs("删除失败!");
        }
    }
}

```

```

private void Get_Info()
{
    try
    {
        GvInfo.DataSource = GetCodeBy(0);
        GvInfo.DataBind();
    }
    catch
    {

    }
}

protected void GvInfo_PageIndexChanging(object sender, GridViewPageEventArgs e)
{
    GvInfo.PageIndex = e.NewPageIndex;
    Get_Info();
}

protected void GvInfo_RowDataBound(object sender, GridViewRowEventArgs e)
{
    //鼠标移动变色
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        //当鼠标放上去的时候 先保存当前行的背景颜色 并给附一颜色
        e.Row.Attributes.Add("onmouseover",
"currentcolor=this.style.backgroundColor;this.style.backgroundColor='#f6f6f6',this.styl
e.fontWeight='';");
        //当鼠标离开的时候 将背景颜色还原的以前的颜色
        e.Row.Attributes.Add("onmouseout",
"this.style.backgroundColor=currentcolor,this.style.fontWeight='';");
    }
    //单击行改变行背景颜色
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        e.Row.Attributes.Add("onclick", "this.style.backgroundColor='#f6f6f6';
this.style.color='buttontext';this.style.cursor='default';");
    }
}

public DataSet GetCodeBy(int iCount)
{
    string strTop = "";
    if (iCount > 1)
    {
        strTop = "top " + iCount.ToString();
    }
}

```



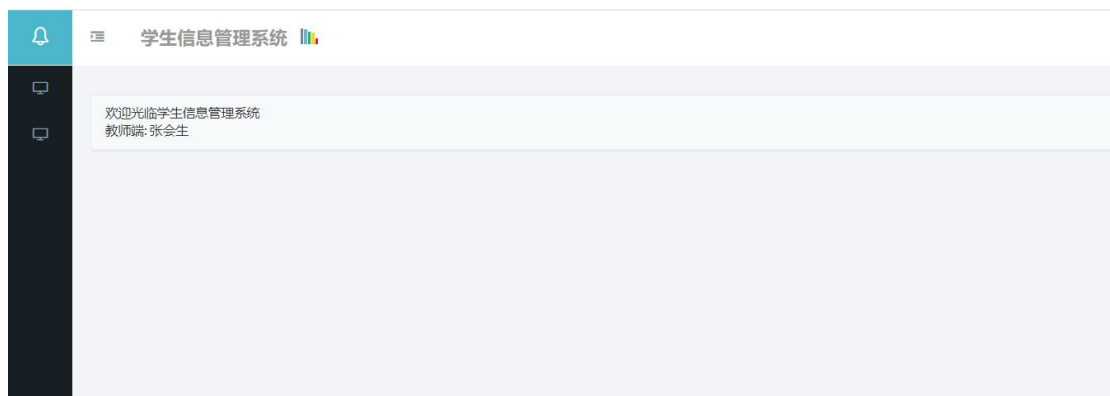
```

    }
    //查询语句
    string sql = "select " + strTop + " sum(cast(a.ScoreName as decimal(12,2)))
ScoreName,b.Name StudentName,c.CourseName,d.Name TeacherName,e.ClassName from [Score] a
join Student b on a.StudentID=b.id join Course c on a.CourseID=c.id join Teacher d on
c.TeacherID=d.id join Classes e on b.ClassID=e.id where b.Name like '%" + TextBox1.Text
+ "%' and e.ClassName like '%" + TextBox2.Text + "%' group by
b.Name,c.CourseName,d.Name,e.ClassName ";
    //string sql = "select " + strTop + " b.Name StudentName,sum(cast(a.ScoreName as
decimal(12,2))) ScoreName from [Score] a join Student b on a.StudentID=b.id where b.Name
like '%" + TextBox1.Text + "%' group by b.Name ";
    DataSet ds = data.GetDs(sql, "tbl");
    return ds;
}

protected void Button1_Click(object sender, EventArgs e)
{
    Get_Info();
}
}

```

3.教师界面：



teacher_main.aspx

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="teacher_main.aspx.cs"
Inherits="Admin_teacher_main" %>
<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>

```

```

<script src="/Content/js/app.js"></script>
<section class="panel panel-default">
    <header class="panel-heading">
        欢迎光临学生信息管理系统
    <br />
    <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
    <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
</header>
</section>

```

3.1.1 我的课程界面：



TeacherCourseManage.aspx 代码：

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="TeacherCourseManage.aspx.cs"
Inherits="Admin_TeacherCourseManage" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
    <title>学生信息管理系统</title>
    <link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
    <script src="/Content/js/jquery.min.js"></script>
    <script src="/Content/js/bootstrap.js"></script>
    <script src="/Content/js/app.js"></script>
</head>
<body>
    <form id="form1" runat="server">
        <table cellpadding="0" class="table table-responsive" cellspacing="0"
width="100%" border="0">
            <tbody>
                <tr>
                    <td valign="top" width="100%" bgcolor="#ffffff" style="height: 61px">

```

```

<table cellpadding="0" cellspacing="5" width="100%" border="0">
    <tr>
        <td class="manageHead">当前位置： 课程信息管理
        </td>
    </tr>
    <tr>
        <td align="center" style="padding: 10px 0;">课程名称：
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
        <asp:Button ID="Button1" runat="server"
        OnClick="Button1_Click" Text="查询" /></td>
    </tr>
    <tr>
        <td align="left">
            <asp:GridView ID="GvInfo" CssClass="table
            table-responsive" runat="server" AllowPaging="True" AutoGenerateColumns="False"
            BackColor="White" CellPadding="5"
            DataKeyNames="id" OnPageIndexChanging="GvInfo_PageIndexChanging"
            OnRowDataBound="GvInfo_RowDataBound"
            OnRowDeleting="GvInfo_RowDeleting" Width="100%">
                <PagerSettings FirstPageText="首页"
                LastPageText="尾页" Mode="NextPreviousFirstLast"
                NextPageText="下一页" PageButtonCount="12"
                PreviousPageText="上一页" />
                <RowStyle HorizontalAlign="Left" />
                <Columns>
                    <asp:TemplateField HeaderText="课程名称">
                        <ItemTemplate>
                            <asp:Label ID="IDCard"
                            runat="server" Text='<%# Bind("CourseName") %>' Width="150px"></asp:Label>
                        </ItemTemplate>
                        <ItemStyle HorizontalAlign="Left"
                        Width="150px" />
                    </asp:TemplateField>
                    <asp:TemplateField HeaderText="授课教师">
                        <ItemTemplate>
                            <asp:Label ID="TeacherName"
                            runat="server" Text='<%# Bind("TeacherName") %>' Width="150px"></asp:Label>
                        </ItemTemplate>
                        <ItemStyle HorizontalAlign="Left"
                        Width="150px" />
                    </asp:TemplateField>
                    <asp:TemplateField HeaderText="上课时间及地
                    点">
                        <ItemTemplate>

```

```

                                <asp:Label ID="Content"
runat="server" Text='<%# Bind("Content") %>' Width="200px"></asp:Label>
                                </ItemTemplate>
                                <ItemStyle HorizontalAlign="Left"
Width="200px" />

                                </asp:TemplateField>
                                <asp:TemplateField HeaderText="操作">
                                    <ItemTemplate>
                                        <asp:HyperLink ID="HyperLink1"
ForeColor="Blue" runat="server" NavigateUrl='<%# "ModifyCourse1.aspx?id="+Eval("id") %>'
                                            Text="修改"
Width="120px"></asp:HyperLink>

                                    </ItemTemplate>
                                    <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                                <asp:TemplateField HeaderText="操作"
ShowHeader="False">
                                    <ItemTemplate>
                                        <asp:LinkButton ID="LinkButton1"
runat="server" CausesValidation="False" CommandName="Delete"
                                            Text="删除" ForeColor="Blue"
Width="120px"></asp:LinkButton>

                                    </ItemTemplate>
                                    <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                            </Columns>
                            <PagerTemplate>
                                <table border="0" width="100%">
                                    <tr>
                                        <td>
                                            <asp:LinkButton
ID="LinkButtonFirstPage" runat="server" CommandArgument="First" CommandName="Page"
                                                Visible="<%#
((GridView)Container.NamingContainer).PageIndex != 0 %>">首页 </asp:LinkButton>
                                            <asp:LinkButton
ID="LinkButtonPreviousPage" runat="server" CommandArgument="Prev"
                                                CommandName="Page"
Visible="<%# ((GridView)Container.NamingContainer).PageIndex != 0 %>">上一页
</asp:LinkButton>

                                            <asp:LinkButton
ID="LinkButtonNextPage" runat="server" CommandArgument="Next" CommandName="Page"
                                                Visible="<%#

```

```

((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">下一页 </asp:LinkButton>
<asp:LinkButton
ID="LinkButtonLastPage" runat="server" CommandArgument="Last" CommandName="Page"
Visible=" <%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">尾页 </asp:LinkButton>
共
<asp:Label ID="LabelPageCount" runat="server" Text="
<%# ((GridView)Container.NamingContainer).PageCount %>"> </asp:Label>页
第
<asp:Label ID="Label2" runat="server" Text=" <%#
((GridView)Container.NamingContainer).PageIndex + 1 %>"> </asp:Label>页
</td>
<td align="right" width="20%"></td>
</tr>
</table>
</PagerTemplate>
<HeaderStyle BackColor="#F6F6F6" />
</asp:GridView>
<asp:Label ID="Label4" runat="server"
ForeColor="Red"></asp:Label></td>
</tr>
</table>
</td>
</tr>
</tbody>
</table>
</form>
</body>
</html>

```

TeacherCourseManage.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using System.IO;

```

```

public partial class Admin_TeacherCourseManage : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Get_Info();
        }
    }
    protected void GvInfo_RowDeleting(object sender, GridViewDeleteEventArgs e)
    {
        SqlHelper mydata = new SqlHelper();

        string ID = GvInfo.DataKeys[e.RowIndex].Values[0].ToString();
        try
        {
            mydata.RunSql("delete from Course where id='" + ID + "'");

            js.Alertjs("删除成功!");
            GvInfo.EditIndex = -1;
            Get_Info();
        }
        catch
        {
            js.Alertjs("删除失败!");
        }
    }
    private void Get_Info()
    {
        try
        {
            GvInfo.DataSource = GetCodeBy(0);
            GvInfo.DataBind();
        }
        catch
        {
        }
    }
}

```

```

protected void GvInfo_PageIndexChanging(object sender, GridViewPageEventArgs e)
{
    GvInfo.PageIndex = e.NewPageIndex;
    Get_Info();
}

protected void GvInfo_RowDataBound(object sender, GridViewRowEventArgs e)
{
    //鼠标移动变色
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        //当鼠标放上去的时候 先保存当前行的背景颜色 并给附一颜色
        e.Row.Attributes.Add("onmouseover",
            "currentcolor=this.style.backgroundColor;this.style.backgroundColor='#f6f6f6',this.styl
            e.fontWeight='';");
        //当鼠标离开的时候 将背景颜色还原的以前的颜色
        e.Row.Attributes.Add("onmouseout",
            "this.style.backgroundColor=currentcolor,this.style.fontWeight='';");
    }
    //单击行改变行背景颜色
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        e.Row.Attributes.Add("onclick", "this.style.backgroundColor='#f6f6f6';
            this.style.color='buttontext';this.style.cursor='default';");
    }
}

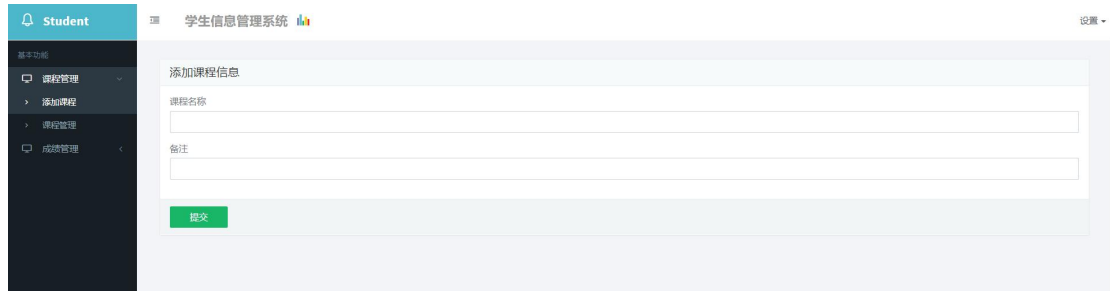
public DataSet GetCodeBy(int iCount)
{
    string strTop = "";
    if (iCount > 1)
    {
        strTop = "top " + iCount.ToString();
    }
    //查询语句
    string sql = "select " + strTop + " a.*,b.Name TeacherName from [Course] a join
Teacher b on a.TeacherID=b.id where a.CourseName like '%" + TextBox1.Text + "%' and
a.TeacherID='" + Session["TeacherID"] + "' ";
    DataSet ds = data.GetDs(sql, "tbl");
    return ds;
}

protected void Button1_Click(object sender, EventArgs e)
{
    Get_Info();
}

```

```
}  
}
```

3.1.2 添加课程:



3.2.1 成绩管理界面:



分数	学生	班级	课程	教师	备注	操作	操作
92	张帅	2020级网络工程1班	高等数学	张金生	xxx	修改	删除
87	李日	2020级网络工程2班	模拟电子技术	李爱国	xxx	修改	删除
84	张帅	2020级网络工程1班	马克思主义基本原理	金迪		修改	删除

ScoreManage.aspx 代码:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="ScoreManage.aspx.cs"  
Inherits="Admin_ScoreManage" %>  
  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head id="Head1" runat="server">  
    <title>学生信息管理系统</title>  
    <link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />  
    <link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />  
    <link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />  
    <link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />  
    <link rel="stylesheet" href="/Content/css/font.css" type="text/css" />  
    <link rel="stylesheet" href="/Content/css/app.css" type="text/css" />  
    <script src="/Content/js/jquery.min.js"></script>  
    <script src="/Content/js/bootstrap.js"></script>  
    <script src="/Content/js/app.js"></script>  
</head>  
<body>  
    <form id="form1" runat="server">
```



```

        <table cellpadding="0" class="table table-responsive" cellspacing="0"
width="100%" border="0">
        <tbody>
            <tr>
                <td valign="top" width="100%" bgcolor="#ffffff" style="height: 61px">
                    <table cellpadding="5" cellspacing="0" border="0">
                        <tr>
                            <td class="manageHead">当前位置： 成绩信息管理
                        </td>
                    </tr>
                    <tr>
                        <td align="center" style="padding: 10px 0;">学生名称：
                        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
                        <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="查询" /></td>
                    </tr>
                    <tr>
                        <td align="left">
                            <asp:GridView ID="GvInfo" CssClass="table
table-responsive" runat="server" AllowPaging="True" AutoGenerateColumns="False"
                            BackColor="White" CellPadding="5"
                            DataKeyNames="id" OnPageIndexChanging="GvInfo_PageIndexChanging"
                            OnRowDataBound="GvInfo_RowDataBound"
                            OnRowDeleting="GvInfo_RowDeleting" Width="100%">
                                <PagerSettings FirstPageText="首页"
                                LastPageText="尾页" Mode="NextPreviousFirstLast"
                                NextPageText="下一页" PageButtonCount="12"
                                PreviousPageText="上一页" />
                                <RowStyle HorizontalAlign="Left" />
                                <Columns>
                                    <asp:TemplateField HeaderText="分数">
                                        <ItemTemplate>
                                            <asp:Label ID="ScoreName"
runat="server" Text='<%# Bind("ScoreName") %>' Width="120px"></asp:Label>
                                        </ItemTemplate>
                                        <ItemStyle HorizontalAlign="Left"
Width="120px" />
                                    </asp:TemplateField>
                                    <asp:TemplateField HeaderText="学生">
                                        <ItemTemplate>
                                            <asp:Label ID="StudentName"
runat="server" Text='<%# Bind("StudentName") %>' Width="120px"></asp:Label>
                                        </ItemTemplate>
                                        <ItemStyle HorizontalAlign="Left"

```

```

Width="120px" />

</asp:TemplateField>
<asp:TemplateField HeaderText="班级">
    <ItemTemplate>
        <asp:Label ID="ClassName"
runat="server" Text='<%# Bind("ClassName") %>' Width="120px"></asp:Label>
    </ItemTemplate>
    <ItemStyle HorizontalAlign="Left"

Width="120px" />

</asp:TemplateField>
<asp:TemplateField HeaderText="课程">
    <ItemTemplate>
        <asp:Label ID="CourseName"
runat="server" Text='<%# Bind("CourseName") %>' Width="120px"></asp:Label>
    </ItemTemplate>
    <ItemStyle HorizontalAlign="Left"

Width="120px" />

</asp:TemplateField>
<asp:TemplateField HeaderText="教师">
    <ItemTemplate>
        <asp:Label ID="TeacherName"
runat="server" Text='<%# Bind("TeacherName") %>' Width="120px"></asp:Label>
    </ItemTemplate>
    <ItemStyle HorizontalAlign="Left"

Width="120px" />

</asp:TemplateField>
<asp:TemplateField HeaderText="备注">
    <ItemTemplate>
        <asp:Label ID="Content"
runat="server" Text='<%# Bind("Content") %>' Width="120px"></asp:Label>
    </ItemTemplate>
    <ItemStyle HorizontalAlign="Left"

Width="120px" />

</asp:TemplateField>
<asp:TemplateField HeaderText="操作">
    <ItemTemplate>
        <asp:HyperLink ID="HyperLink1"
ForeColor="Blue" runat="server" NavigateUrl='<%# "ModifyScore.aspx?id="+Eval("id") %>',
Text="修改"

Width="120px"></asp:HyperLink>
    </ItemTemplate>
    <ItemStyle HorizontalAlign="Left"

Width="120px" />

</asp:TemplateField>

```

```

        <asp:TemplateField HeaderText="操作"
ShowHeader="False">
            <ItemTemplate>
                <asp:LinkButton ID="LinkButton1"
runat="server" CausesValidation="False" CommandName="Delete"
                Text="删除" ForeColor="Blue"
Width="120px"></asp:LinkButton>
            </ItemTemplate>
            <ItemStyle HorizontalAlign="Left"
Width="120px" />
        </asp:TemplateField>
    </Columns>
    <PagerTemplate>
        <table border="0" width="100%">
            <tr>
                <td>
                    <asp:LinkButton
ID="LinkButtonFirstPage" runat="server" CommandArgument="First" CommandName="Page"
                    Visible=" <%#
((GridView)Container.NamingContainer).PageIndex != 0 %>">首页 </asp:LinkButton>
                    <asp:LinkButton
ID="LinkButtonPreviousPage" runat="server" CommandArgument="Prev"
                    CommandName="Page"
Visible=" <%# ((GridView)Container.NamingContainer).PageIndex != 0 %>">上一页
</asp:LinkButton>
                    <asp:LinkButton
ID="LinkButtonNextPage" runat="server" CommandArgument="Next" CommandName="Page"
                    Visible=" <%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">下一页 </asp:LinkButton>
                    <asp:LinkButton
ID="LinkButtonLastPage" runat="server" CommandArgument="Last" CommandName="Page"
                    Visible=" <%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">尾页 </asp:LinkButton>
                    共
                    <asp:Label ID="LabelPageCount" runat="server" Text="
<%# ((GridView)Container.NamingContainer).PageCount %>"> </asp:Label>页
                    第
                    <asp:Label ID="Label2" runat="server" Text=" <%#
((GridView)Container.NamingContainer).PageIndex + 1 %>"> </asp:Label>页
                </td>
                <td align="right" width="20%"></td>
            </tr>

```

```

        </table>
    </PagerTemplate>
    <HeaderStyle BackColor="#F6F6F6" />
</asp:GridView>
<asp:Label ID="Label4" runat="server"
ForeColor="Red"></asp:Label></td>
    </tr>
</table>
</td>
</tr>
</tbody>
</table>
</form>
</body>
</html>

```

ScoreManage.aspx.cs 代码:

```

using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using WebApplication1.App_Code;

namespace WebApplication1.Teachercode
{
    public partial class InputSC : System.Web.UI.Page
    {
        CommDB mydb = new CommDB();
        DataSet myds = new DataSet();
        string mysql;
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!Page.IsPostBack)
            {
                mysql = "SELECT cno FROM course WHERE tno='" + Session["uno"] + "'";
                myds = mydb.ExecuteQuery(mysql, "course");
                if (myds.Tables["course"].Rows.Count > 0)
                {
                    DropDownList1.DataSource = myds.Tables["course"];
                    DropDownList1.DataTextField = "cno";
                    DropDownList1.DataBind();
                }
            }
        }
    }
}

```

```

        else
            Response.Write("<script>alert(' 没有安排任何上课课程!')</script>");
            Button2.Visible = false;
            Button3.Visible = false;
        }
    }

protected void Button1_Click(object sender, EventArgs e)
{
    string mysql;
    mysql = "SELECT * FROM score WHERE tno=' " + Session["uno"] + "' AND cno = ' " +
DropDownList1.SelectedValue + "' ORDER BY sno";
    myds = mydb.ExecuteQuery(mysql, "score");
    if (myds.Tables["score"].Rows.Count > 0)
    {
        GridView1.DataSource = myds.Tables["score"];
        GridView1.DataBind();
        Button2.Visible = true;
        Button3.Visible = true;
    }
    else
        Response.Write("<script>alert(' 没有学生选修或提交该课程!')</script>");
}

protected void Button2_Click(object sender, EventArgs e)
{
    //保存成绩
    savedata();
    Response.Write("<script>alert(' 输入的成绩已保存!')</script>");
}

protected void savedata() //保存成绩过程
{
    string no;
    TextBox txtbh;
    int i;
    for (i = 0; i < GridView1.Rows.Count; i++)
    {
        txtbh = GridView1.Rows[i].FindControl("TextBox1") as TextBox;
        //在该行中找TextBox1控件
        no = GridView1.Rows[i].Cells[0].Text; //提取该行的学号
        Update(no, txtbh.Text); //调用自定义过程进行更新
    }
}

```

```

protected void Update(string no, string fs)
//自定义过程，用UPDATE语句修改分数
{
    mysql = "UPDATE score SET degree=" + fs + " WHERE sno = '" +
        no + "' AND cno='" + DropDownList1.SelectedValue + "'";
    mydb.ExecuteNonQuery(mysql);
}
}
}

```

3.2.2 添加学生成绩界面:

AddScore.aspx 代码:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="AddScore.aspx.cs"
Inherits="Admin_AddScore" %>

<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section id="content">
    <section class="">
        <section class="scrollable padder">
            <div class="row">
                <div class="col-sm-12">

```

```

        <form data-validate="parsley" method="post" runat="server">
            <section class="panel panel-default">
                <header class="panel-heading">
                    <span class="h4">添加成绩信息</span>
                </header>
                <div class="panel-body">
                    <div class="form-group">
                        <label>分数</label>
                        <input type="text" class="form-control"
id="ScoreName" name="ScoreName" runat="server" data-required="true">
                    </div>
                    <div class="form-group">
                        <label>学生</label>
                        <asp:DropDownList ID="GetStudent"
runat="server"></asp:DropDownList>
                    </div>
                    <div class="form-group">
                        <label>课程</label>
                        <asp:DropDownList ID="GetCourse"
runat="server"></asp:DropDownList>
                    </div>
                    <div class="form-group">
                        <label>备注</label>
                        <input type="text" class="form-control" id="Content"
name="Content" runat="server" data-required="true">
                    </div>
                </div>
                <footer class="panel-footer text-left bg-light lter">
                    <button type="submit" class="btn btn-success btn-s-xs"
runat="server" onclick="Button2_Click">提交</button>
                </footer>
            </section>
        </form>
    </div>
</div>
</section>
<a href="#" class="hide nav-off-screen-block" data-toggle="class:nav-off-screen, open"
data-target="#nav,html"></a>
</section>

```

AddScore.aspx.cs 代码:

```

using System;
using System.Data;

```

```

using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
public partial class Admin_AddScore : System.Web.UI.Page
{
    SqlHelper mydata = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack) {
            string sql = "select * from Student";
            DataSet ds = mydata.GetDs(sql, "tbl");
            for (int i = 0; i < ds.Tables[0].Rows.Count; i++)
            {
                GetStudent.Items.Add(new
                ListItem(ds.Tables[0].Rows[i]["Name"].ToString(),
                ds.Tables[0].Rows[i]["id"].ToString()));
            }
            sql = "select * from Course";
            ds = mydata.GetDs(sql, "tbl");
            for (int i = 0; i < ds.Tables[0].Rows.Count; i++)
            {
                GetCourse.Items.Add(new
                ListItem(ds.Tables[0].Rows[i]["CourseName"].ToString(),
                ds.Tables[0].Rows[i]["id"].ToString()));
            }
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            try
            {
                mydata.RunSql("insert into Score (ScoreName, StudentID, CourseID, Content)
                values(' " + ScoreName.Value + "', ' " + GetStudent.SelectedValue + "', ' " +
                GetCourse.SelectedValue + "', ' " + Content.Value + "')");
                js.Alertjs("添加成功!");
            }
            catch

```



```

    {
        js.Alertjs("添加失败!");
    }
}
}
}

```

4. 学生界面:



student_main 代码:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="student_main.aspx.cs"
Inherits="Admin_student_main" %>
<link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
<link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
<script src="/Content/js/jquery.min.js"></script>
<script src="/Content/js/bootstrap.js"></script>
<script src="/Content/js/app.js"></script>
<section class="panel panel-default">
    <header class="panel-heading">
        欢迎光临学生信息管理系统
    <br />
    <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
    <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
    </header>
</section>

```

Student.aspx.cs 代码:

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;

```

```

using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

public partial class Admin_student_main : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Label1.Text = "学生端:";
            Label2.Text = Session["StudentName"].ToString();
        }
    }
}

```

4.1.1 成绩查询界面:



StudentScoreManager.aspx

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="StudentScoreManage.aspx.cs"
Inherits="Admin_StudentScoreManage" %>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head id="Head1" runat="server">
    <title>学生信息管理系统</title>
    <link rel="stylesheet" href="/Content/css/bootstrap.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/animate.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font-awesome.min.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/simple-line-icons.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/font.css" type="text/css" />
    <link rel="stylesheet" href="/Content/css/app.css" type="text/css" />
    <script src="/Content/js/jquery.min.js"></script>
    <script src="/Content/js/bootstrap.js"></script>

```

```

        <script src="/Content/js/app.js"></script>
</head>
<body>
    <form id="form1" runat="server">
        <table cellpadding="0" class="table table-responsive" cellspacing="0"
width="100%" border="0">
            <tbody>
                <tr>
                    <td valign="top" width="100%" bgcolor="#ffffff" style="height: 61px">
                        <table cellpadding="5" cellspacing="0" border="0" width="100%">
                            <tr>
                                <td class="manageHead">当前位置： 成绩信息管理
                                </td>
                            </tr>
                            <tr>
                                <td align="center" style="padding: 10px 0;">学生名称:
                                <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
                                <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="查询" /></td>
                            </tr>
                            <tr>
                                <td align="left">
                                    <asp:GridView ID="GvInfo" CssClass="table
table-responsive" runat="server" AllowPaging="True" AutoGenerateColumns="False"
                                    BackColor="White" CellPadding="5"
                                    DataKeyNames="id" OnPageIndexChanging="GvInfo_PageIndexChanging"
                                    OnRowDataBound="GvInfo_RowDataBound"
                                    OnRowDeleting="GvInfo_RowDeleting" Width="100%">
                                        <PagerSettings FirstPageText="首页"
LastPageText="尾页" Mode="NextPreviousFirstLast"
NextPageText="下一页" PageButtonCount="12"
PreviousPageText="上一页" />
                                        <RowStyle HorizontalAlign="Left" />
                                        <Columns>
                                            <asp:TemplateField HeaderText="分数">
                                                <ItemTemplate>
                                                    <asp:Label ID="ScoreName"
runat="server" Text='<%# Bind("ScoreName") %>' Width="120px"></asp:Label>
                                                </ItemTemplate>
                                                <ItemStyle HorizontalAlign="Left"
Width="120px" />
                                            </asp:TemplateField>
                                            <asp:TemplateField HeaderText="学生">
                                                <ItemTemplate>

```

```

                                <asp:Label ID="StudentName"
runat="server" Text='<%# Bind("StudentName") %>' Width="120px"></asp:Label>
                                </ItemTemplate>
                                <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                                <asp:TemplateField HeaderText="班级">
                                    <ItemTemplate>
                                        <asp:Label ID="ClassName"
runat="server" Text='<%# Bind("ClassName") %>' Width="120px"></asp:Label>
                                    </ItemTemplate>
                                    <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                                <asp:TemplateField HeaderText="课程">
                                    <ItemTemplate>
                                        <asp:Label ID="CourseName"
runat="server" Text='<%# Bind("CourseName") %>' Width="120px"></asp:Label>
                                    </ItemTemplate>
                                    <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                                <asp:TemplateField HeaderText="教师">
                                    <ItemTemplate>
                                        <asp:Label ID="TeacherName"
runat="server" Text='<%# Bind("TeacherName") %>' Width="120px"></asp:Label>
                                    </ItemTemplate>
                                    <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                                <asp:TemplateField HeaderText="备注">
                                    <ItemTemplate>
                                        <asp:Label ID="Content"
runat="server" Text='<%# Bind("Content") %>' Width="120px"></asp:Label>
                                    </ItemTemplate>
                                    <ItemStyle HorizontalAlign="Left"
Width="120px" />

                                </asp:TemplateField>
                                <%--<asp:TemplateField HeaderText="操作">
                                    <ItemTemplate>
                                        <asp:HyperLink ID="HyperLink1"
ForeColor="Blue" runat="server" NavigateUrl='<%# "ModifyScore.aspx?id="+Eval("id") %>'
                                            Text="修改"
Width="120px"></asp:HyperLink>

```

```

        </ItemTemplate>
        <ItemStyle HorizontalAlign="Left"

Width="120px" />

        </asp:TemplateField>
        <asp:TemplateField HeaderText="操作"

ShowHeader="False">

                <ItemTemplate>
                        <asp:LinkButton ID="LinkButton1"
runat="server" CausesValidation="False" CommandName="Delete"
                                Text="删除" ForeColor="Blue"
Width="120px"></asp:LinkButton>

                </ItemTemplate>
                <ItemStyle HorizontalAlign="Left"

Width="120px" />

        </asp:TemplateField>--%>
</Columns>
<PagerTemplate>
        <table border="0" width="100%">
                <tr>
                        <td>
                                <asp:LinkButton
ID="LinkButtonFirstPage" runat="server" CommandArgument="First" CommandName="Page"
                                        Visible="--%#
((GridView)Container.NamingContainer).PageIndex != 0 %>">首页 </asp:LinkButton>
                                <asp:LinkButton
ID="LinkButtonPreviousPage" runat="server" CommandArgument="Prev"
                                        CommandName="Page"
Visible="--%# ((GridView)Container.NamingContainer).PageIndex != 0 %>">上一页
</asp:LinkButton>

                                <asp:LinkButton
ID="LinkButtonNextPage" runat="server" CommandArgument="Next" CommandName="Page"
                                        Visible="--%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">下一页 </asp:LinkButton>
                                <asp:LinkButton
ID="LinkButtonLastPage" runat="server" CommandArgument="Last" CommandName="Page"
                                        Visible="--%#
((GridView)Container.NamingContainer).PageIndex !=
((GridView)Container.NamingContainer).PageCount - 1 %>">尾页 </asp:LinkButton>
                                共
                                <asp:Label ID="LabelPageCount" runat="server" Text="--%#
((GridView)Container.NamingContainer).PageCount %>"> </asp:Label>页
                                第
                                <asp:Label ID="Label2" runat="server" Text="--%#

```

```

((GridView)Container.NamingContainer).PageIndex + 1 %>"> </asp:Label>页
</td>
<td align="right" width="20%"></td>
</tr>
</table>
</PagerTemplate>
<HeaderStyle BackColor="#F6F6F6" />
</asp:GridView>
<asp:Label ID="Label4" runat="server"
ForeColor="Red"></asp:Label></td>
</tr>
</table>
</td>
</tr>
</tbody>
</table>
</form>
</body>
</html>

```

StudentScoreManager.aspx.cs

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using System.IO;

public partial class Admin_StudentScoreManage : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Get_Info();
        }
    }
}

```

```

protected void GvInfo_RowDeleting(object sender, GridViewDeleteEventArgs e)
{
    SqlHelper mydata = new SqlHelper();

    string ID = GvInfo.DataKeys[e.RowIndex].Values[0].ToString();
    try
    {
        mydata.RunSql("delete from Score where id=' " + ID + "'");

        js.Alertjs("删除成功!");
        GvInfo.EditIndex = -1;
        Get_Info();
    }
    catch
    {

        js.Alertjs("删除失败!");
    }

}

private void Get_Info()
{
    try
    {
        GvInfo.DataSource = GetCodeBy(0);
        GvInfo.DataBind();
    }
    catch
    {

    }

}

protected void GvInfo_PageIndexChanging(object sender, GridViewPageEventArgs e)
{
    GvInfo.PageIndex = e.NewPageIndex;
    Get_Info();
}

protected void GvInfo_RowDataBound(object sender, GridViewRowEventArgs e)
{
    //鼠标移动变色
    if (e.Row.RowType == DataControlRowType.DataRow)
    {
        //当鼠标放上去的时候 先保存当前行的背景颜色 并给附一颜色
        e.Row.Attributes.Add("onmouseover",

```

```

"currentcolor=this.style.backgroundColor;this.style.backgroundColor='#f6f6f6',this.styl
e.fontWeight='';");
    //当鼠标离开的时候 将背景颜色还原的以前的颜色
    e.Row.Attributes.Add("onmouseout",
"this.style.backgroundColor=currentcolor,this.style.fontWeight='';");
}
//单击行改变行背景颜色
if (e.Row.RowType == DataControlRowType.DataRow)
{
    e.Row.Attributes.Add("onclick", "this.style.backgroundColor='#f6f6f6';
this.style.color='buttontext';this.style.cursor='default';");
}

}

public DataSet GetCodeBy(int iCount)
{
    string strTop = "";
    if (iCount > 1)
    {
        strTop = "top " + iCount.ToString();
    }
    //查询语句
    string sql = "select " + strTop + " a.*,b.Name StudentName,c.CourseName,d.Name
TeacherName,e.ClassName from [Score] a join Student b on a.StudentID=b.id join Course c on
a.CourseID=c.id join Teacher d on c.TeacherID=d.id join Classes e on b.ClassID=e.id where
b.Name like '%" + TextBox1.Text + "%' and a.StudentID='" + Session["StudentID"] + "' ";
    DataSet ds = data.GetDs(sql,"tbl");
    return ds;
}

protected void Button1_Click(object sender, EventArgs e)
{
    Get_Info();
}
}

```

5. CommDB.cs 代码:

```

using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;

namespace WebApplication1.App_Code

```



```

{
    public class CommDB
    {
        public CommDB()
        { }

        public int Rownum(string sql, string tname, ref string sname)
        {
            int i = 0;
            SqlConnection myconn;
            myconn = new SqlConnection("Data Source=DESKTOP-7U309CB;Initial
Catalog=StudDB;Integrated Security=True");
            myconn.Open();
            SqlCommand mycmd = new SqlCommand(sql, myconn);
            SqlDataReader myreader = mycmd.ExecuteReader();
            while (myreader.Read()) //循环读取信息
            {
                sname = myreader[0].ToString();
                i++;
            }
            myconn.Close();
            return i;
        }

        //*****
        //执行SQL语句，返回是否成功执行。SQL语句最好是如下：
        //UPDATE 表名 SET 字段名=value, 字段名=value WHERE 字段名=value
        //DELETE FROM 表名 WHERE 字段名=value
        //INSERT INTO 表名 (字段名, 字段名) values (value, value)
        //*****
        public Boolean ExecuteNonQuery(string sql)
        {
            SqlConnection myconn;
            myconn = new SqlConnection("Data Source=DESKTOP-7U309CB;Initial
Catalog=StudDB;Integrated Security=True");
            myconn.Open();
            SqlCommand mycmd = new SqlCommand(sql, myconn);
            try
            {
                mycmd.ExecuteNonQuery();
                myconn.Close();
            }
            catch
            {
                myconn.Close();
            }
        }
    }
}

```

```

        return false;
    }
    return true;
}

//*****
//执行SELECT语句, 返回DataSet对象
//*****
public DataSet ExecuteQuery(string sql, string tname)
{
    SqlConnection myconn;
    myconn = new SqlConnection("Data Source=DESKTOP-7U309CB;Initial
Catalog=StudDB;Integrated Security=True");
    myconn.Open();
    SqlDataAdapter myda = new SqlDataAdapter(sql, myconn);
    DataSet myds = new DataSet();
    myda.Fill(myds, tname);
    myconn.Close();
    return myds;
}

}

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
using System.IO;

public partial class Admin_StudentScoreManage : System.Web.UI.Page
{
    SqlHelper data = new SqlHelper();
    Alert js = new Alert();
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {

```

```

        Get_Info();
    }
}

protected void GvInfo_RowDeleting(object sender, GridViewDeleteEventArgs e)
{
    SqlHelper mydata = new SqlHelper();

    string ID = GvInfo.DataKeys[e.RowIndex].Values[0].ToString();
    try
    {
        mydata.RunSql("delete from Score where id=' " + ID + "'");

        js.Alertjs("删除成功!");
        GvInfo.EditIndex = -1;
        Get_Info();
    }
    catch
    {

        js.Alertjs("删除失败!");
    }
}

private void Get_Info()
{
    try
    {
        GvInfo.DataSource = GetCodeBy(0);
        GvInfo.DataBind();
    }
    catch
    {

    }
}

protected void GvInfo_PageIndexChanging(object sender, GridViewPageEventArgs e)
{
    GvInfo.PageIndex = e.NewPageIndex;
    Get_Info();
}

protected void GvInfo_RowDataBound(object sender, GridViewRowEventArgs e)
{
    //鼠标移动变色
    if (e.Row.RowType == DataControlRowType.DataRow)

```

```

        {
            //当鼠标放上去的时候 先保存当前行的背景颜色 并给附一颜色
            e.Row.Attributes.Add("onmouseover",
"currentcolor=this.style.backgroundColor;this.style.backgroundColor='#f6f6f6',this.styl
e.fontWeight='';");
            //当鼠标离开的时候 将背景颜色还原的以前的颜色
            e.Row.Attributes.Add("onmouseout",
"this.style.backgroundColor=currentcolor,this.style.fontWeight='';");
        }
        //单击行改变行背景颜色
        if (e.Row.RowType == DataControlRowType.DataRow)
        {
            e.Row.Attributes.Add("onclick", "this.style.backgroundColor='#f6f6f6' ;
this.style.color='buttontext';this.style.cursor='default';");
        }
    }

    public DataSet GetCodeBy(int iCount)
    {
        string strTop = "";
        if (iCount > 1)
        {
            strTop = "top " + iCount.ToString();
        }
        //查询语句
        string sql = "select " + strTop + " a.*,b.Name StudentName,c.CourseName,d.Name
TeacherName,e.ClassName from [Score] a join Student b on a.StudentID=b.id join Course c on
a.CourseID=c.id join Teacher d on c.TeacherID=d.id join Classes e on b.ClassID=e.id where
b.Name like '%" + TextBox1.Text + "%' and a.StudentID='" + Session["StudentID"] + "' ";
        DataSet ds = data.GetDs(sql, "tbl");
        return ds;
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Get_Info();
    }
}

```

三、实验总结

作为一个完整的学生信息管理系统，本系统的主要实现的功能包括用户登录、学生管理、教师管理、课程管理、班级管理，成绩管理等，基本上可以满足大部分用户的需求。

本系统的亮点之处在于系统的扩展性很强。当需要为学生信息管理系统添加新的功能时，只需要改动极少的代码甚至无需改动就可以实现。各模块独立性很高，模块之间的耦合性很低，

使得修改代码、添加功能变得简单可行。本系统的不足之处在于功能稍显简单。由于时间有限，系统的功能总体来看比较少，缺少学生修改密码，教师修改密码，学生自主选课，学生查看课表等功能，只能在以后根据需求慢慢增加了。

在开发本系统的过程中遇到了一些问题，主要是一些技术不太了解。最终通过查阅相关资料还是一解决了这些问题。通过这次的大作业，我学到了很多知识。深刻体会到了前期的设计对后期实现时的影响，如果在项目前期不能进行很好的设计，在后期开发时就会造成很多麻烦。