

# 系统登陆功能的实现过程

1. 创建数据与添加表并创建表的字段如下：

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. On the left, the 'Object Explorer' pane displays the database structure for 'hds1140856\_db'. The 'Tables' folder is expanded, showing the table 'dbo.ZJHL\_Users'. The table's columns are listed in the 'Columns' pane:

- Id (bigint, not null)
- Name (nvarchar(50), null)
- Password (nvarchar(50), null)
- Phone (nvarchar(11), null)
- MailBox (nvarchar(150), null)
- QQ (nvarchar(50), null)
- Weixin (nvarchar(50), null)
- CreateDate (datetime, null)
- UsetType (int, null)
- NikeName (nvarchar(50), null)
- Age (int, not null)
- Sex (bit, not null)

The 'SQL Query Editor' pane on the right contains the following SQL query:

```
SELECT * FROM dbo.ZJHL_Users
```

The 'Results' pane at the bottom shows the output of the query, displaying a table with 3 rows and 10 columns: Id, Name, Password, Phone, MailBox, QQ, Weixin, CreateDate, UsetType, and NikeName.

Id	Name	Password	Phone	MailBox	QQ	Weixin	CreateDate	UsetType	NikeName
1	admin	123456	13168128477	1028658349@qq.com	1028658349	18218429396	2017-03-21 14:56:41.000	1	系
2	metrox	123456	15118164480	lin_hong_guan_msn@hotmail.com	296863766	1	2017-02-20 11:28:05.000	1	林
3	zjhl	123456	13168128477	1028658349@qq.com	1028658349	11	2017-02-20 11:28:27.000	1	林

2. 设计好登陆页面与对应 HTML 如下：

The screenshot shows a web browser displaying a login page for '湛江浩联 后台管理系统'. The page has a blue header and a white login form. The form contains the following fields and buttons:

- Username field (placeholder: '用户名')
- Password field (placeholder: '密码')
- Remember me checkbox (placeholder: '记住我')
- Login button (placeholder: '登陆')

The HTML code for the login form is shown on the right, with red arrows pointing to the corresponding elements in the browser view:

```
<li><a href='../index.aspx'>返回首页</a></li>
```

```
<div class="block clearfix">
  <span class="block input-icon input-icon-right">
    <input type="text" class="form-control" placeholder="用户名" name="UserName">
  </span>
</div>
```

```
<div class="block clearfix">
  <input type="password" class="form-control" placeholder="密码" name="Password">
</div>
```

```
<div class="space"></div>
<div class="checkbox">
  <input type="checkbox" class="checkbox" name="RememberMe">
  <input type="checkbox" class="checkbox" name="RememberMe">
</div>
```

```
<button type="button" class="width-38 pull-right btn btn-sm btn-primary" id="login_btn">
  登陆
</button>
```

3. 为登陆按钮添加点击事件

```

//登陆按钮单击事件
$( '#login_btn' ).on( 'click', function () {
    var num = 0;
    var str = "";
    //得到文本框的内容并遍历
    $("input[type='text']").each(function (n) {
        if ($(this).val() == "") {
            //内容为空时提示信息
            layer.alert(str += "" + $(this).attr("name") + "不能为空! \r\n", {
                title: '系统登陆',
                icon: 0,
            });
            num++;
            return false;
        }
    });
    if (num > 0) { return false; }
    else {
        //得到输入的用户名
        var uname = $("input[name='LoginName']").val();
        //得到输入的密码
        var pwd = $("input[name='Password']").val();
        //执行登陆方法
        Login(uname, pwd);
    }
});

```

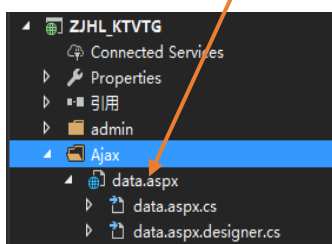
4. 添加登陆方法如下：

```

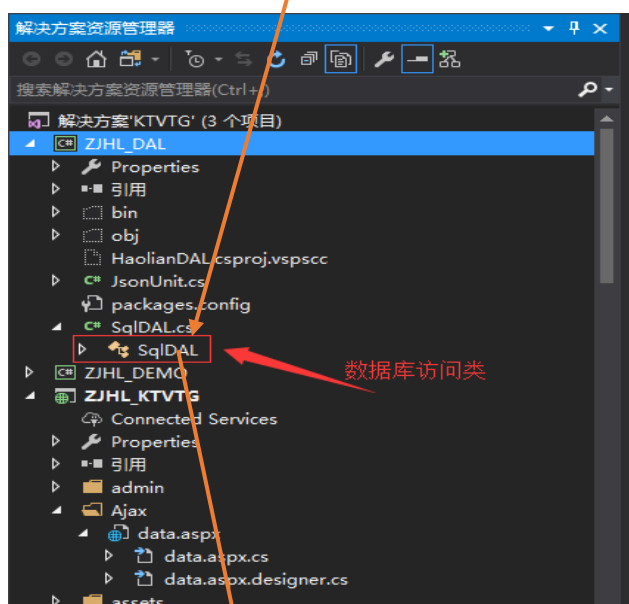
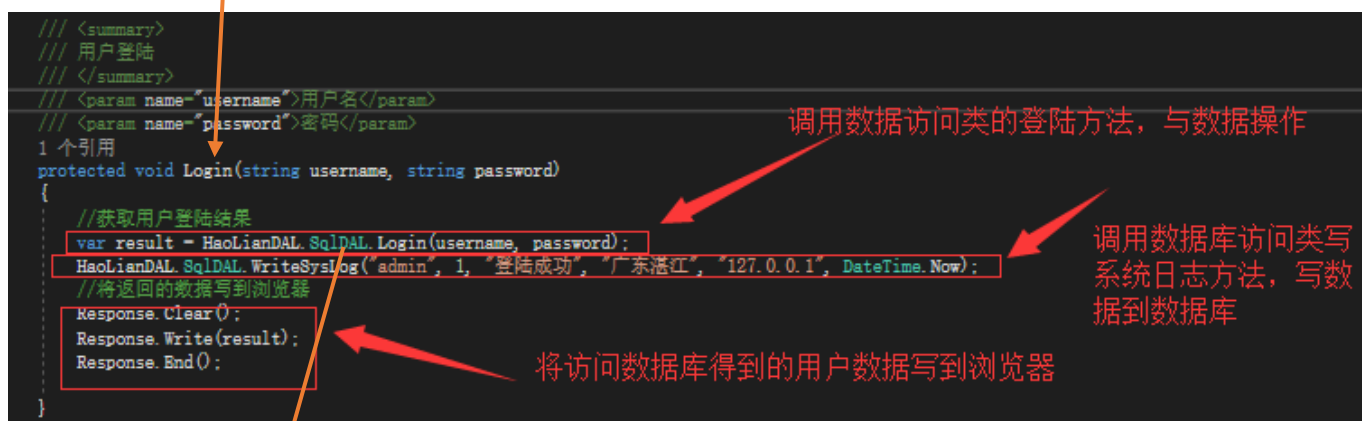
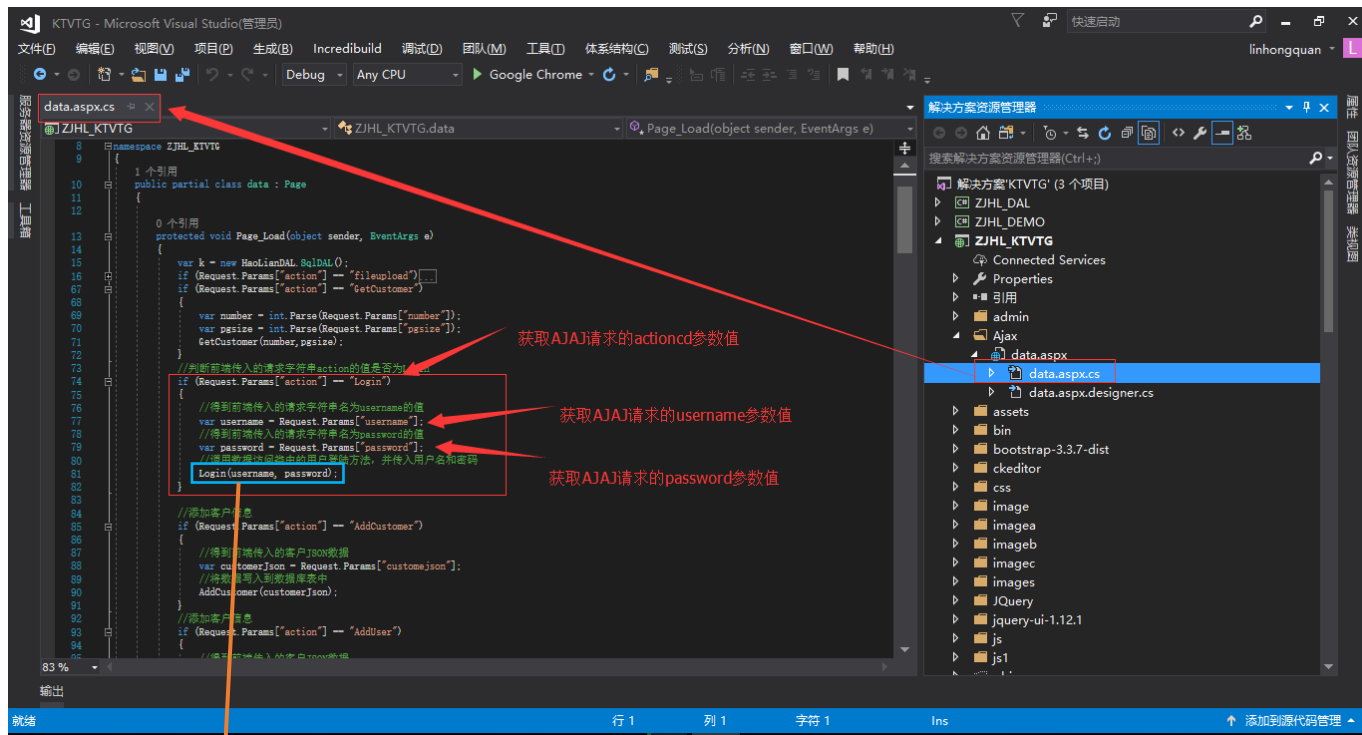
function Login(username, password) {
    /*前端发送AJAX请求获取后台数据*/
    $.ajax({
        /*AJAX请求类型*/
        type: 'POST',
        /*要通过AJAX访问的地址*/
        url: 'http:// ' + window.location.host + '/Ajax/data.aspx?action=Login&username=' + username + '&password=' + password,
        /*AJAX访问后台成功,response为成功返回的数据*/
        success: function (response) {
            /*将JSON字符串转换成对象*/
            var obj = eval(response)[0];
            //判断用户名和密码是否正确
            if (obj != undefined) {
                //保存登陆成功的用户数据到浏览器的本地储存
                var userdata = JSON.stringify(obj);
                //alert(userdata);
                localStorage.setItem('userdata', userdata);
                //显示登陆成功信息
                layer.alert('登陆成功!', {
                    title: '系统登陆',
                    icon: 1,
                });
                location.href = "index.aspx"; //跳到后台管理主页面
                layer.close(index); //关闭窗口
            }
            else {
                //用户名或密码不对
                layer.alert('用户名或密码不正确!', {
                    title: '系统登陆',
                    icon: 0,
                });
            }
        }
    });
}

```

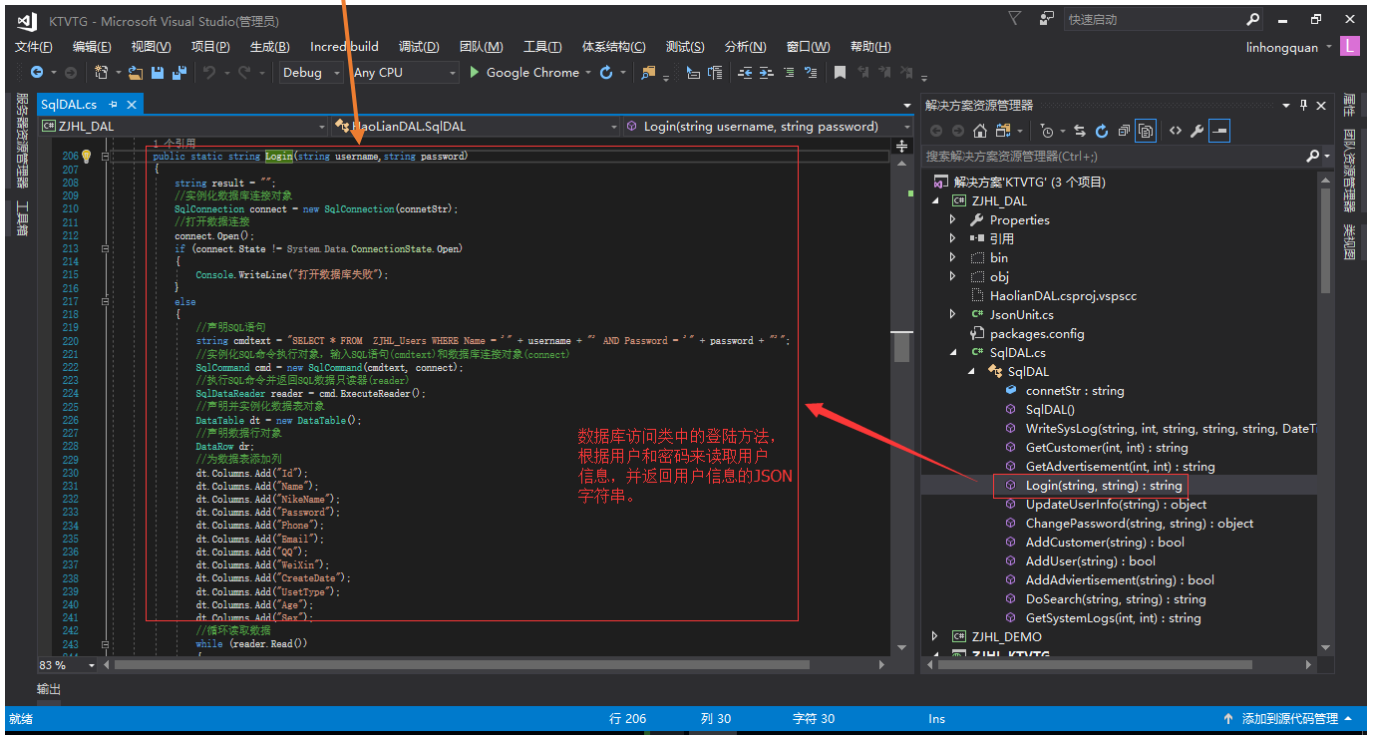
5. 经过上面的 4 个步骤已完成前端的登陆检测与 AJAX 请求处理功能，AJAX 请求地址页面为“/Ajax/data.aspx”其中“action=Login”和“username=username”和“password=password”为请求的参数



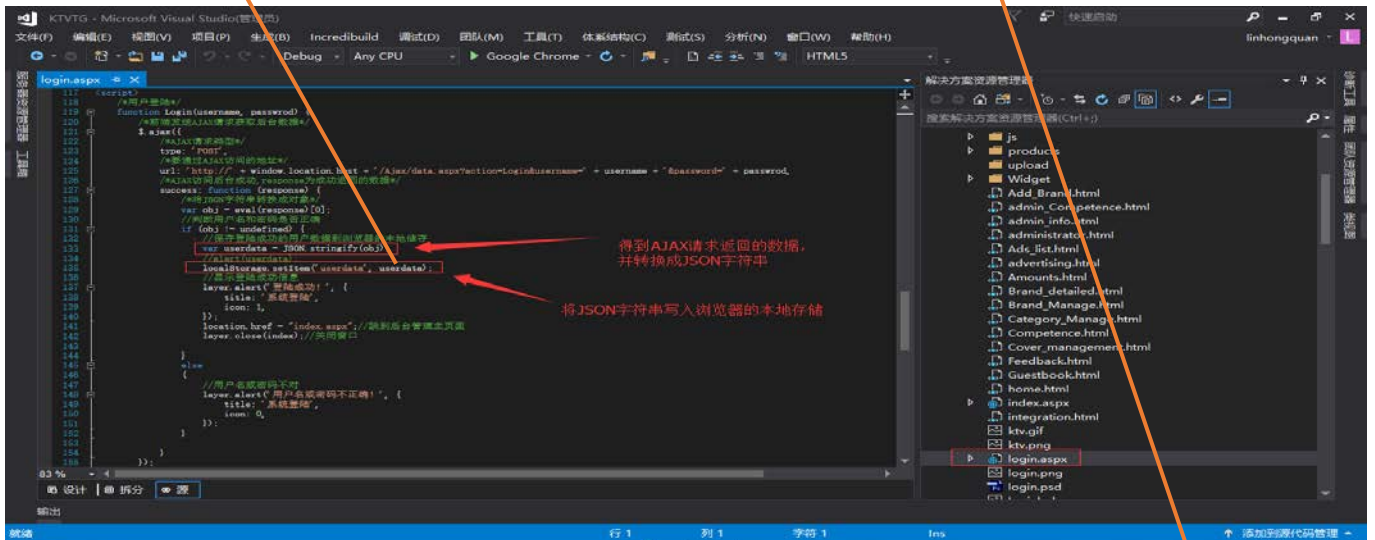
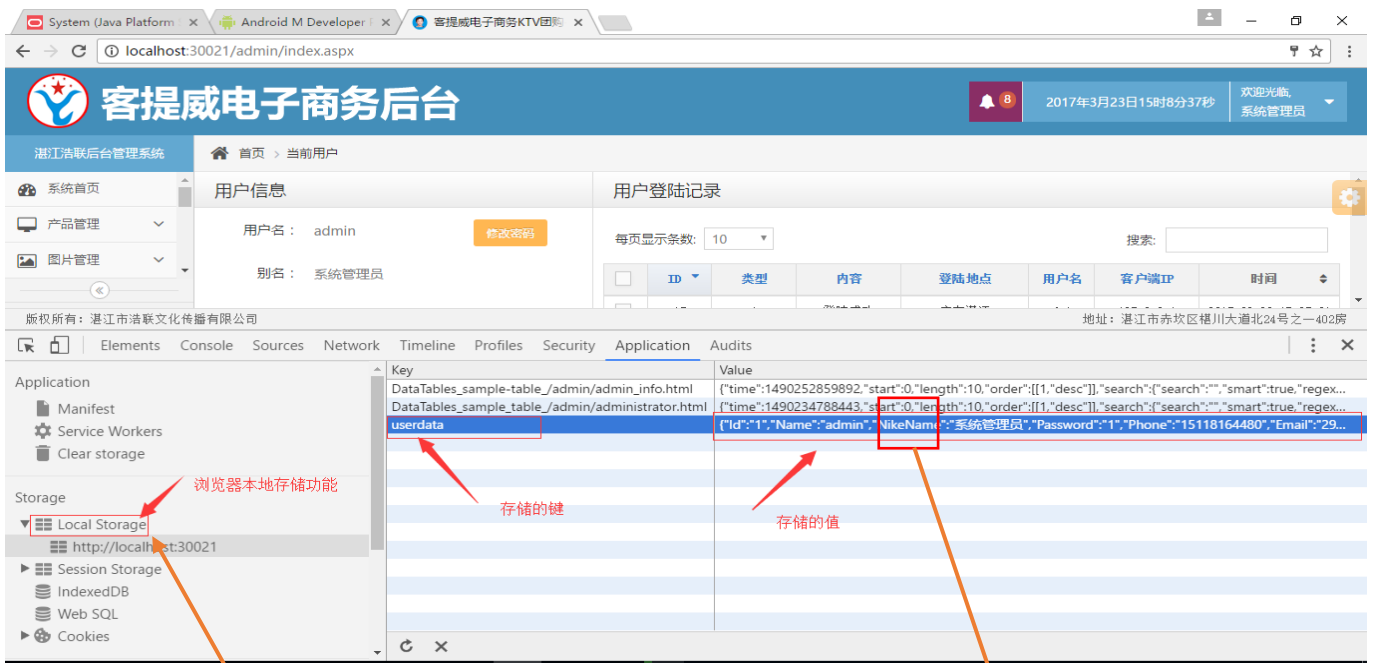
6. 下面实现后台如何处理 AJAX 请求：



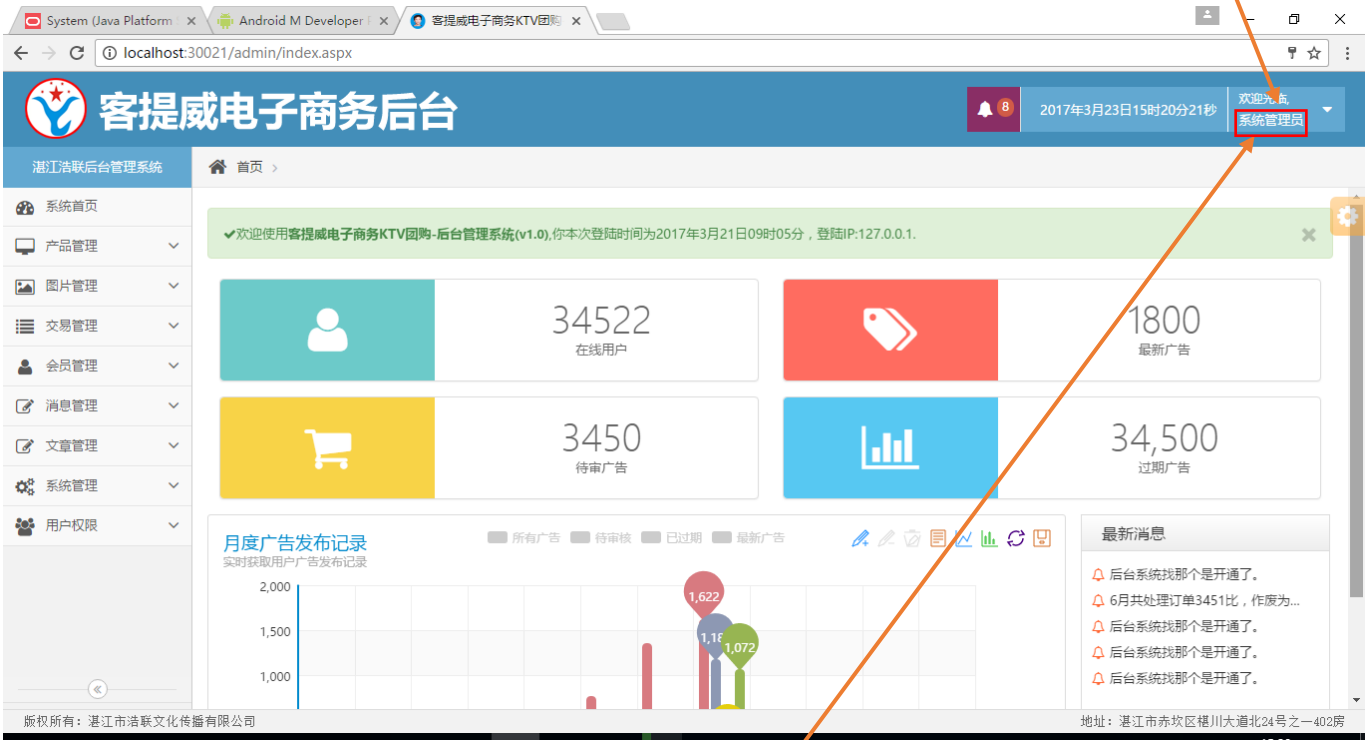
7. 数据库访问类的登陆方法(Login)读取用户数据并返回 JSON 字符串如下图：



8. 成功读取后，并写入浏览器如下图：



9. 登陆成功后会跳到到管理主页面如下图：



10. 读取本地存储的数据

