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# 问题描述

当用户成功预订好了房间的时候，这时下一步要进行订单模块和订单的结算模块。

# 基本要求

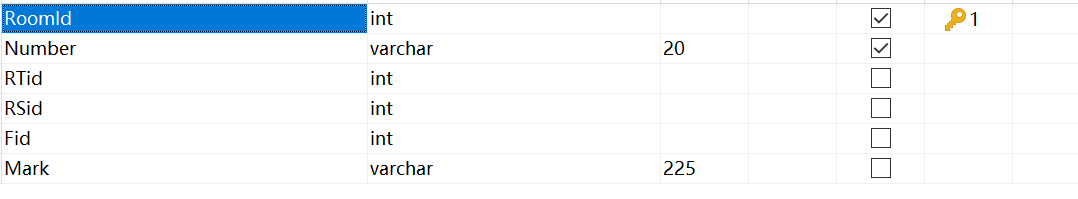
在用户把商品添加到购物车之后想要把商品买下之后就需要订单管理。将个人信息同订户信息一起绑定到数据库表中。第一需要创建订单，创建好的订单还需要能够保存下来，供后面的查看。在购物车模块里面点击结算按钮之后将会跳转到创建订单页面。

# 概要设计

在数据库中写表RoomInfo用来记录各房间的订单信息，采用GridView控件绑定sql server数据库来展示订单，在后端的逻辑代码中计算正确。

# 详细设计

RoomInfo表：



## QuitHome结算

### 前台

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeBehind="QuitHome.aspx.cs" Inherits="HotelManage.QuitHome" %>

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

<title>用户退房结算（表）</title>

<script type = "text/javascript" src = "js/jquery.min.js"></script>

<script src="Scripts/jquery-1.4.1-vsdoc.js" type="text/javascript"></script>

<script type="text/javascript">

$(document).ready

(

function () {

var divcss = { background: 'white', height: '630px' };

var txtcss = { background: 'transparent' };

var bt = { display: 'none' };

$("#Button6").bind("click", function () {

$("#research").css(divcss);

$(".text").css(txtcss);

$("#txtRemark").css(txtcss);

$("td").css(txtcss);

$(".buttom").css(bt);

window.print();

});

}

);

</script>

<style type="text/css">

table{border:solid 1px #747474}

tr{border:solid 1px #747474}

td{border:solid 1px #747474}

#table{ font-size:16px; font-family:微软雅黑; position:relative; top:50px; left:201px;border-radius:15px 15px 0px 0px;}

.tdstyle{ background-color:#ffffff;text-align:center;}

.text{margin-left: 0px;Height:40px; width:272px; border:0px; font-size:20px; font-family:微软雅黑; background-color:#ffffff}

.buttom{ background:#00AA68; width:100px; height:30px; cursor:pointer;font-size:20px; font-family:微软雅黑; border:1px solid #CCCCCC;border-radius:8px;}

body{text-align:center; overflow-y:auto;overflow-X:auto;}

.gd{font-size:14px; position:relative; top:10px;text-align: center;}

#bk{ border: solid 2px white;border-radius:15px; width:1170px ; height:630px; position:relative;top:-7px; background-color:#ffffff}

#research{ height:290px; background-color:#ffffff; width:100%;border-radius:15px 15px 0px 0px; font-size:15px; color:#000000;-webkit-box-shadow:#ffffff 0px 0px 10px;-moz-box-shadow:#666 0px 0px 10px}

.style1

{

background-color: #ffffff;

width: 150px;

}

.style2

{

background-color: #ffffff;

height: 101px;

width: 150px;

}

</style>

</asp:Content>

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

<div id="bk" class="style2">

<!-- $("#btnSubmit").bind("click", function () { window.top.location = "index.aspx"; alert('退房成功！房间状态已更新为打扫状态，请尽快打扫。'); });-->

<div id="research">

<div id="table">

<table cellpadding="0" cellspacing="0" width="860">

<tr>

<td class="tdstyle" colspan="4" height="52"><span style=" font-size:24px;">&nbsp; 用户退房结算详情表

<span style=" font-size:24px;">

<input id="Button6" type="button" value="预览并打印" class="buttom" style=" width:120px"/></span>

</span></td>

</tr>

<tr>

<td class="style1" >&nbsp; 顾客编号：</td>

<td width="270" >

<asp:TextBox ID="txtGid" runat="server" CssClass="text" ></asp:TextBox>

</td>

<td width="130" class="tdstyle">&nbsp; 顾客姓名：</td>

<td width="270" height="40">

<asp:TextBox ID="txtGname" runat="server" CssClass="text"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style1">&nbsp; 顾客等级：</td>

<td class="style3">

<asp:TextBox ID="txtTName" runat="server" CssClass="text"></asp:TextBox>

</td>

<td class="tdstyle">&nbsp; 房间类型：</td>

<td height="37">

<asp:TextBox ID="txtRTName" runat="server" CssClass="text"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style1">&nbsp; 顾客折扣：</td>

<td class="style3">

<asp:TextBox ID="txtTRate" runat="server" CssClass="text"></asp:TextBox>

</td>

<td class="tdstyle">&nbsp; 房间编号：</td>

<td height="37">

<asp:TextBox ID="txtRoomName" runat="server" CssClass="text"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style1">&nbsp; 交付押金：</td>

<td>

<asp:TextBox ID="txtCharge" runat="server" CssClass="text"></asp:TextBox>

</td>

<td class="tdstyle">&nbsp; 入住时间：</td>

<td height="37">

<asp:TextBox ID="txtInTime" runat="server" CssClass="text"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style1">&nbsp; 结算金额：</td>

<td>

<asp:TextBox ID="txtPrice" runat="server" CssClass="text"></asp:TextBox>

</td>

<td class="tdstyle">&nbsp; 登记离开时间：</td>

<td height="37">

<asp:TextBox ID="txtOutTime" runat="server" CssClass="text"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style1">&nbsp; 实际入住天数：</td>

<td>

<asp:TextBox ID="txtFactDays" runat="server" CssClass="text"></asp:TextBox>

</td>

<td class="tdstyle">&nbsp; 实际离开时间：</td>

<td height="37">

<asp:TextBox ID="txtNow" runat="server" CssClass="text"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style2">退房说明：</td>

<td colspan="3" >

<asp:TextBox ID="txtRemark" runat="server" Width="700px" Height="101px"

TextMode="MultiLine" Font-Names="微软雅黑" Font-Size="16pt"

BackColor="#ffffff" style="margin-left: 0px" ></asp:TextBox>

</td>

</tr>

<tr>

<td colspan="4" style="height:40px" class="tdstyle">

<asp:Button ID="btnSubmit" runat="server" Text="确认退房" CssClass="buttom"

onclick="btnSubmit\_Click" />

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

<asp:Button ID="Button2" runat="server" CssClass="buttom" Text="取消" />

</td>

</tr>

</table>

</div>

</div>

</div>

</asp:Content>

### 后台

using BLL;

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace HotelManage

{

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

{

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

{

bind();

}

public void bind()

{

int roomid = Convert.ToInt32(Request.QueryString["roomid"]);

DataTable dt = BLL\_Hotel.Cha\_OneRecord(roomid);

this.txtGid.Text = dt.Rows[0]["gid"].ToString();

this.txtGname.Text = dt.Rows[0]["gname"].ToString();

this.txtTName.Text = dt.Rows[0]["tname"].ToString();

this.txtRTName.Text = dt.Rows[0]["rtname"].ToString();

this.txtTRate.Text = dt.Rows[0]["trate"].ToString() + "折";

this.txtRoomName.Text = dt.Rows[0]["number"].ToString();

this.txtCharge.Text = dt.Rows[0]["charge"].ToString() + "元";

this.txtInTime.Text = dt.Rows[0]["intime"].ToString();

this.txtOutTime.Text = dt.Rows[0]["outtime"].ToString();

now = DateTime.Now;

DateTime intime = Convert.ToDateTime(this.txtInTime.Text); //获取入住日期

factnum = (now - intime).Days; //计算入住的实际天数

int daynum = Convert.ToInt32(dt.Rows[0]["daynum"]);

this.txtFactDays.Text = factnum.ToString() + "天";

this.txtNow.Text = now.ToString();

price = Convert.ToDouble(dt.Rows[0]["rtprice"]) \* factnum \* Convert.ToDouble(dt.Rows[0]["trate"]);//实际收费

//当天入住不满6个小时按半天收费，超过6个小时按一天收费。

int hour = (now - intime).Hours;

if (hour <= 6)

{

price = price + ((Convert.ToDouble(dt.Rows[0]["rtprice"])) \* 0.5);

}

else

{

price = price + ((Convert.ToDouble(dt.Rows[0]["rtprice"])));

}

double tui = Convert.ToDouble(dt.Rows[0]["charge"]) - price;

double jiao = price - Convert.ToDouble(dt.Rows[0]["charge"]);

this.txtPrice.Text = price.ToString() + "元";

if (daynum >= factnum)

{

this.txtRemark.Text = "用户登记入住天数为【" + daynum + "天】，实际入住天数为【" + factnum + "】天。该客户本次消费需退还押金【" + tui + "】元。";

}

else

{

this.txtRemark.Text = "用户登记入住天数为【" + daynum + "天】，实际入住天数为【" + factnum + "】天。该客户本次消费需缴纳押金【" + jiao + "】元。";

}

}

double price; //实际价格

DateTime now; //实际离开时间

int factnum; //实际入住天数

//退房

protected void btnSubmit\_Click(object sender, EventArgs e)

{

int roomid = Convert.ToInt32(Request.QueryString["roomid"]);

//修改入住信息表

DataTable dt = BLL\_Hotel.Cha\_OneRecord(roomid);

int reid = Convert.ToInt32(dt.Rows[0]["reid"]);

BLL\_Hotel.Gai\_Record(now.ToString(), factnum, price, reid);

//退房时 修改房间状态为“未入住”

BLL\_Hotel.Gai\_roomstate(roomid, 5);

//客户本次消费金额更新到客户信息表里

BLL\_Hotel.Gai\_GuestChargeSum(Convert.ToInt32(dt.Rows[0]["gid"]), price);

BLL\_Hotel.Gai\_TradeCount(price);

Response.Write("<script>alert('退房成功！');location.href='Right.aspx';</script>");

}

}

}

## 点击预订：

### 前端

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeBehind="Skip.aspx.cs" Inherits="HotelManage.Skip" %>

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

</asp:Content>

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

</asp:Content>

### 后端

using BLL;

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace HotelManage

{

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

{

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

{

//判断用户点击的房间信息 进行跳转到相应的页面

int roomid = int.Parse(Request.QueryString["roomid"].ToString());

DataTable dt = BLL\_Hotel.Cha\_One(roomid);

if (dt.Rows[0]["stateid"].ToString() == "1")

{ //如果房间状态为已预定

Response.Redirect("ReserveDetail.aspx?roomid=" + roomid);

}

else if (dt.Rows[0]["stateid"].ToString() == "2") //如果房间状态为 已入住

{

Response.Redirect("roomdetail.aspx?roomid=" + roomid);

}

else if (dt.Rows[0]["stateid"].ToString() == "3") //如果房间状态为 未入住

{

Response.Redirect("Guestinfo.aspx?roomid=" + roomid);

}

else if (dt.Rows[0]["stateid"].ToString() == "6") //如果房间 状态为"未开通"

{

Response.Redirect("CreRoom.aspx?roomid=" + roomid);

}

else //如果房间状态为维修中或者打扫中

{

BLL\_Hotel.Gai\_roomstate(roomid, 3);

Response.Write("<script>alert('房间状态已更新为未入住！');location.href='right.aspx';</script>");

}

}

}

}

# 运行与测试



# 总结与心得

在编写项目的时候也发现了自身的很多弱点，相信在以后的学习中一定能消灭这些弱点。总的来说，编写项目给自己带来了很大的提升，明白了很多编程的理念，更加熟悉了ASP,NET的编程结构，很多在书本上学习不到的知识点都得以体现。