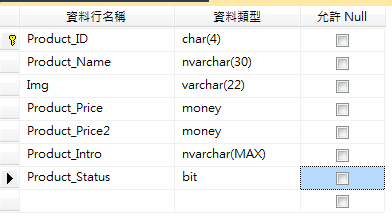
座號：08 姓名：方宜馨

階段性作業七

商品管理綜合應用(後台介面)

* 承前階段性作業六，請完成其後台管理功能，管理者自登入後可以運用後台介面進行商品上下架、新增與修改等，須達到下列要求：
  1. 建立後台管理介面，包含列出目前商品與新增商品之介面。
  2. 管理者可針對現有商品修改其內容，包含品名、描述、價格、圖片更改等。
  3. 管理者可針對現有商品進行上架與下架的作業。
  4. 管理者可利用新增商品介面進行新商品上架作業。
  5. 進行商品的新增與修改作業時，必須驗證資料正確性。
  6. 請利用SQL Server建立資料，並設計相關資料表與欄位，請至少存放10樣商品資料。
  7. 必須判斷使用者是否為登入狀態。
* 各項參考畫面如下五圖所示，畫面編排樣式及商品內容僅供參考，無需完全一樣。



資料表結構



資料檢視內容參考



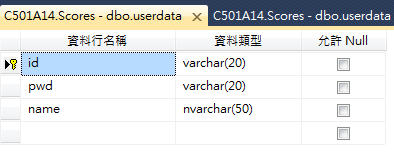




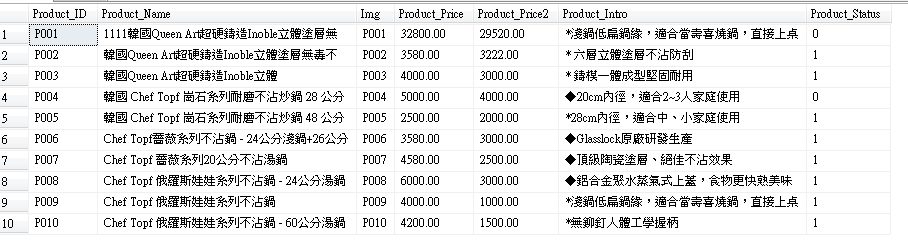
**繳交作業時，請以FTP上傳程式原始檔與本文件檔各一份，原始程式碼請另放置在一個資料夾內。**

※以上各項均須完成始得通過※

資料表設計畫面截圖：



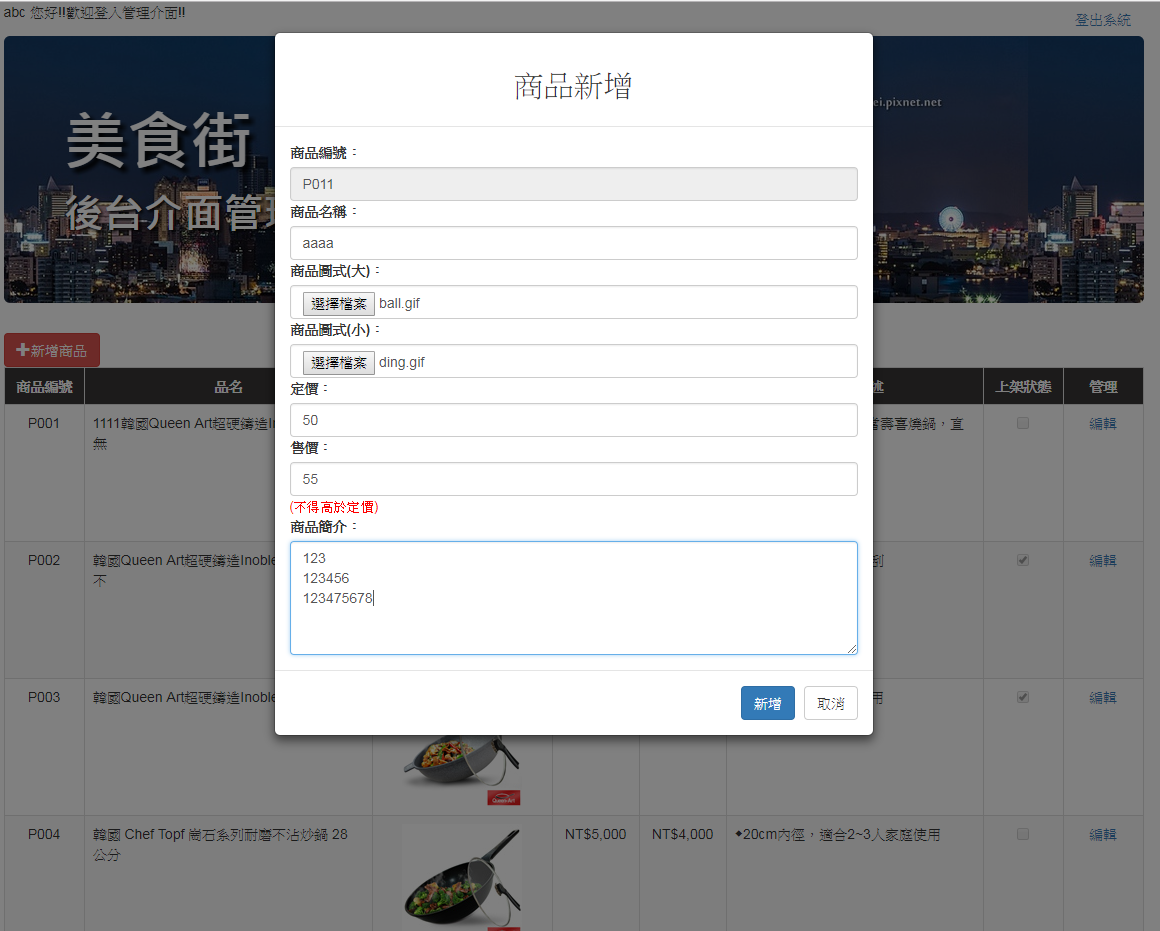
資料檢視畫面截圖：

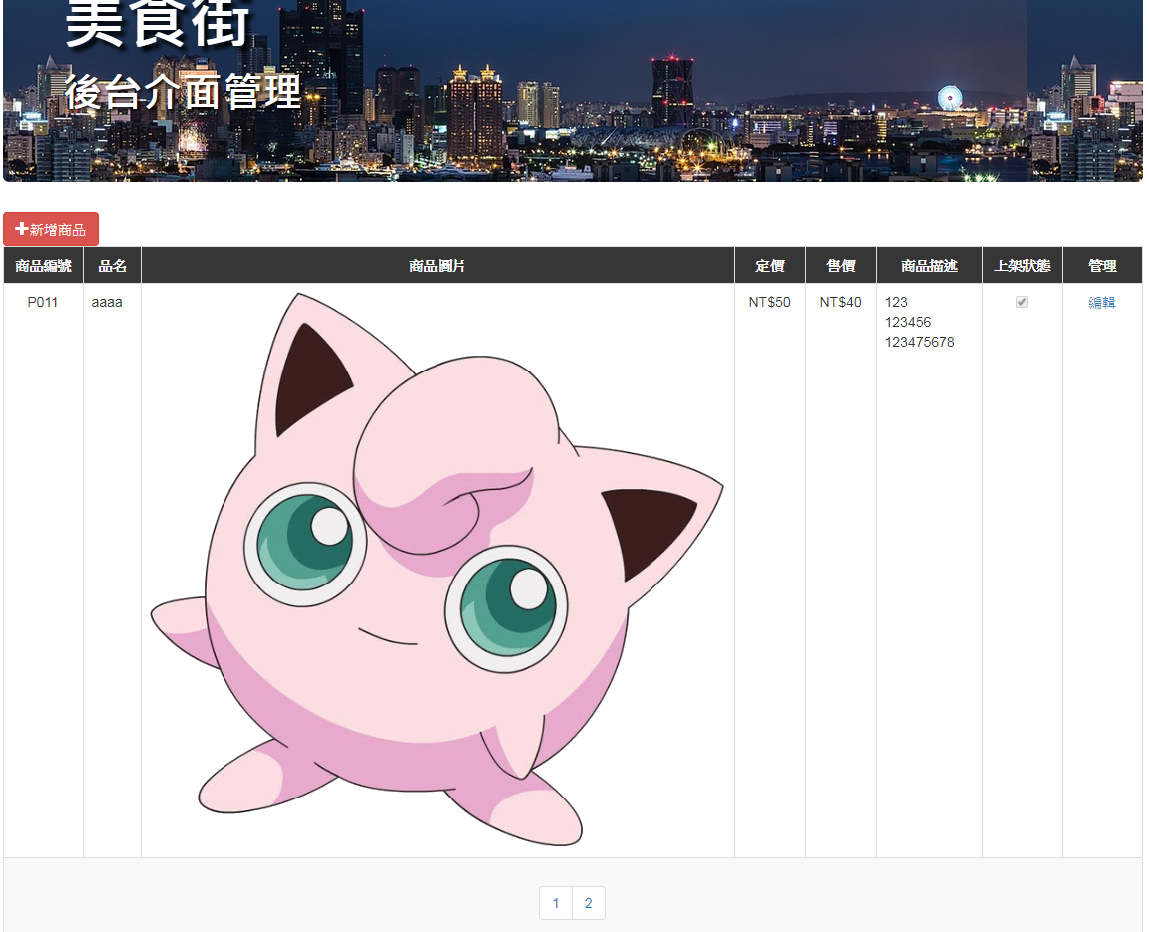


執行結果畫面截圖(至少四個圖)：











程式碼(所有的程式碼均須貼上)：

<%@ Master Language="C#" AutoEventWireup="true" CodeFile="hw6.master.cs" Inherits="hw6" %>

<!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>

<link href="Content/bootstrap.min.css" rel="stylesheet" />

<link href="Content/MyStyle.css" rel="stylesheet" />

<asp:ContentPlaceHolder ID="head" runat="server">

</asp:ContentPlaceHolder>

</head>

<body>

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

<div class="container">

<div class="row">

<div class="col-xs-9">

<asp:Label ID="lblWelcome" runat="server"></asp:Label>

</div>

<div class="col-xs-3 text-right">

<asp:LinkButton ID="LinkButton1" CssClass="btn btn-link" runat="server" OnClick="LinkButton1\_Click">登出系統</asp:LinkButton>

</div>

</div>

<div class="jumbotron MyJumBack">

<h1>美食街</h1>

<p>後台介面管理</p>

</div>

<div>

<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">

</asp:ContentPlaceHolder>

</div>

</div>

</form>

<script src="Scripts/jquery-3.2.1.min.js"></script>

<script src="Scripts/bootstrap.min.js"></script>

<script>

$('#ContentPlaceHolder1\_GridView1 tr:last-child table tr').addClass('pagination');

</script>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

public partial class hw6 : System.Web.UI.MasterPage

{

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

{

if (Session["id"] == null)

Response.Redirect("69ContentPage.aspx");

else

{

lblWelcome.Text = Session["name"].ToString() + " 您好!!歡迎登入管理介面!!";

}

}

protected void LinkButton1\_Click(object sender, EventArgs e)

{

Session["id"] = null;

Session["name"] = null;

Response.Redirect("69ContentPage.aspx");

}

}

<%@ Page Title="" Language="C#" MasterPageFile="~/hw6.master" AutoEventWireup="true" CodeFile="70hw61115.aspx.cs" Inherits="\_70hw61115" %>

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

<style>

#ContentPlaceHolder1\_GridView1 th {

text-align: center;

background-color: #373636;

color: white;

}

</style>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="Server">

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:ScoresConnectionString %>"

SelectCommand="SELECT \* FROM [Products]"

UpdateCommand="Update [Products] set Product\_Name=@Product\_Name, Product\_Price=@Product\_Price, Product\_Price2=@Product\_Price2, Product\_Intro=@Product\_Intro, Product\_Status=@Product\_Status where Product\_ID=@Product\_ID"

></asp:SqlDataSource>

<asp:LinkButton ID="LinkButton1" CssClass="btn btn-danger" runat="server" data-toggle="modal" data-target="#New\_Product"><span class="glyphicon glyphicon-plus"></span>新增商品</asp:LinkButton>

<div class="modal" id="New\_Product">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<h2 class="text-center">商品新增</h2>

</div>

<div class="modal-body">

<div>

<label for="txtProduct\_ID">商品編號：</label>

<asp:TextBox ID="txtProduct\_ID" runat="server" CssClass="form-control" ReadOnly="true"></asp:TextBox>

<%--<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_ID" ID="RequiredFieldValidator5" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>--%>

<%--<asp:RegularExpressionValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_ID" ID="RegularExpressionValidator1" runat="server" ErrorMessage="(格式錯誤)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RegularExpressionValidator>--%>

</div>

<div>

<label for="txtProduct\_Name">商品名稱：</label>

<asp:TextBox ID="txtProduct\_Name" runat="server" CssClass="form-control"></asp:TextBox>

<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Name" ID="RequiredFieldValidator6" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</div>

<div>

<label for="fulImg">商品圖式(大)：</label>

<asp:FileUpload ID="fulImg" runat="server" CssClass="form-control" />

<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="fulImg" ID="RequiredFieldValidator7" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</div>

<div>

<label for="fulSimg">商品圖式(小)：</label>

<asp:FileUpload ID="fulSimg" runat="server" CssClass="form-control" />

<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="fulSimg" ID="RequiredFieldValidator8" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</div>

<div>

<label for="txtProduct\_Price">定價：</label>

<asp:TextBox ID="txtProduct\_Price" runat="server" CssClass="form-control"></asp:TextBox>

<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Price" ID="RequiredFieldValidator9" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

<asp:CompareValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Price" Operator="DataTypeCheck" Type="Integer" ID="CompareValidator2" runat="server" ErrorMessage="(請輸入數字)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:CompareValidator>

</div>

<div>

<label for="txtProduct\_Price">售價：</label>

<asp:TextBox ID="txtProduct\_Price2" runat="server" CssClass="form-control"></asp:TextBox>

<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Price" ID="RequiredFieldValidator10" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

<asp:CompareValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Price2" Operator="LessThanEqual" ControlToCompare="txtProduct\_Price" ID="CompareValidator1" runat="server" ErrorMessage="(不得高於定價)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:CompareValidator>

<%--<asp:CompareValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Price2" Operator="LessThanEqual" ControlToCompare="txtProduct\_Price" ID="CompareValidator1" runat="server" ErrorMessage="(不得高於定價)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:CompareValidator>--%>

</div>

<div>

<label for="txtProduct\_Intro">商品簡介：</label>

<asp:TextBox ID="txtProduct\_Intro" runat="server" TextMode="MultiLine" Rows="5" CssClass="form-control"></asp:TextBox>

<asp:RequiredFieldValidator ValidationGroup="ValidationInsert" ControlToValidate="txtProduct\_Intro" ID="RequiredFieldValidator11" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</div>

</div>

<div class="modal-footer">

<asp:Button ID="Button1" runat="server" ValidationGroup="ValidationInsert" Text="新增" CssClass="btn btn-primary" OnClick="Button1\_Click" />

<input id="Reset1" type="reset" value="取消" class="btn btn-default" data-dismiss="modal" />

</div>

</div>

</div>

</div>

<asp:GridView ID="GridView1" runat="server" CssClass="table table-bordered table-hover table-striped" PagerStyle-HorizontalAlign="Center"

AutoGenerateColumns="False" DataKeyNames="Product\_ID" DataSourceID="SqlDataSource1" AllowPaging="True" OnRowCommand="GridView1\_RowCommand">

<Columns>

<asp:BoundField DataField="Product\_ID" HeaderText="商品編號" ItemStyle-VerticalAlign="Middle" ItemStyle-HorizontalAlign="Center" ReadOnly="True" SortExpression="Product\_ID" ItemStyle-Width="80px">

<ItemStyle HorizontalAlign="Center" VerticalAlign="Middle" Width="80px"></ItemStyle>

</asp:BoundField>

<asp:TemplateField HeaderText="品名" SortExpression="Product\_Name">

<EditItemTemplate>

<asp:TextBox ID="txtProduct\_Name" runat="server" Text='<%# Bind("Product\_Name") %>'></asp:TextBox>

<asp:RequiredFieldValidator ControlToValidate="txtProduct\_Name" ID="RequiredFieldValidator1" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</EditItemTemplate>

<ItemTemplate>

<asp:Label ID="Label4" runat="server" Text='<%# Bind("Product\_Name") %>'></asp:Label>

</ItemTemplate>

<ItemStyle VerticalAlign="Middle" />

</asp:TemplateField>

<asp:TemplateField HeaderText="商品圖片" SortExpression="Img" ItemStyle-VerticalAlign="Middle" ItemStyle-HorizontalAlign="Center">

<EditItemTemplate>

<img src='/ProductsImg/s<%# Eval("Img") %>.jpg' width="50%" /><br />

<label>大圖片:</label><asp:FileUpload ID="fulImg" runat="server" Width="180" />

<label>小圖片:</label><asp:FileUpload ID="fulSimg" runat="server" Width="180" />

</EditItemTemplate>

<ItemTemplate>

<img src='/ProductsImg/s<%# Eval("Img") %>.jpg' />

</ItemTemplate>

<ItemStyle HorizontalAlign="Center" VerticalAlign="Middle" Width="180"></ItemStyle>

</asp:TemplateField>

<asp:TemplateField HeaderText="定價" SortExpression="Product\_Price" ItemStyle-VerticalAlign="Middle" ItemStyle-HorizontalAlign="Center">

<EditItemTemplate>

<asp:TextBox ID="txtProduct\_Price" runat="server" Text='<%# Bind("Product\_Price") %>' Width="80px"></asp:TextBox>

<asp:RequiredFieldValidator ControlToValidate="txtProduct\_Price" ID="RequiredFieldValidator2" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</EditItemTemplate>

<ItemTemplate>

<asp:Label ID="Label1" runat="server" Text='<%# Bind("Product\_Price","{0:C0}") %>'></asp:Label>

</ItemTemplate>

<ItemStyle HorizontalAlign="Center" VerticalAlign="Middle"></ItemStyle>

</asp:TemplateField>

<asp:TemplateField HeaderText="售價" SortExpression="Product\_Price2" ItemStyle-VerticalAlign="Middle" ItemStyle-HorizontalAlign="Center">

<EditItemTemplate>

<asp:TextBox ID="txtProduct\_Price2" runat="server" Text='<%# Bind("Product\_Price2") %>' Width="80px"></asp:TextBox>

<asp:RequiredFieldValidator ControlToValidate="txtProduct\_Price2" ID="RequiredFieldValidator3" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

<asp:CompareValidator ControlToValidate="txtProduct\_Price2" Operator="LessThanEqual" ControlToCompare="txtProduct\_Price" ID="CompareValidator1" runat="server" ErrorMessage="(不得高於定價)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:CompareValidator>

</EditItemTemplate>

<ItemTemplate>

<asp:Label ID="Label2" runat="server" Text='<%# Bind("Product\_Price2","{0:C0}") %>'></asp:Label>

</ItemTemplate>

<ItemStyle HorizontalAlign="Center" VerticalAlign="Middle"></ItemStyle>

</asp:TemplateField>

<asp:TemplateField HeaderText="商品描述" SortExpression="Product\_Intro" ItemStyle-VerticalAlign="Middle">

<EditItemTemplate>

<asp:TextBox ID="txtProduct\_Intro" TextMode="MultiLine" Rows="4" Width="300px" runat="server" Text='<%# Bind("Product\_Intro") %>'></asp:TextBox>

<asp:RequiredFieldValidator ControlToValidate="txtProduct\_Intro" ID="RequiredFieldValidator4" runat="server" ErrorMessage="(必填)" Font-Size="10pt" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

</EditItemTemplate>

<ItemTemplate>

<asp:Label ID="Label3" runat="server" Text='<%# Eval("Product\_Intro").ToString().Replace("\n","<br />") %>'></asp:Label>

</ItemTemplate>

<ItemStyle VerticalAlign="Middle"></ItemStyle>

</asp:TemplateField>

<asp:CheckBoxField DataField="Product\_Status" HeaderText="上架狀態" SortExpression="Product\_Status" ItemStyle-Width="80px" ItemStyle-VerticalAlign="Middle" ItemStyle-HorizontalAlign="Center">

<ItemStyle Width="80px"></ItemStyle>

</asp:CheckBoxField>

<asp:CommandField HeaderText="管理" ShowEditButton="True" ItemStyle-Width="80px" ItemStyle-VerticalAlign="Middle" ItemStyle-HorizontalAlign="Center">

<ItemStyle Width="80px"></ItemStyle>

</asp:CommandField>

</Columns>

<PagerStyle HorizontalAlign="Center"></PagerStyle>

</asp:GridView>

</asp:Content>

using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data.SqlClient;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

public partial class \_70hw61115 : System.Web.UI.Page

{

SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["ScoresConnectionString"].ConnectionString);

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

{

txtProduct\_ID.Text = getProID();

/\*取得一個新的商品編號的函式(T-SQL)

create function fnGetProductID()

returns char(4)

as

begin

declare @pro\_id char(4)

select top 1 @pro\_id=Product\_ID from Products order by Product\_ID desc

set @pro\_id= cast(substring(@pro\_id,2,3) as int)+1

if len(@pro\_id)=2

return 'P0'+@pro\_id

return 'P'+@pro\_id

end

\*/

}

protected string getProID()

{

string ProID = "";

SqlCommand cmd = new SqlCommand("select [dbo].[fnGetProductID]()", conn);

SqlDataReader rd;

conn.Open();

rd = cmd.ExecuteReader();

rd.Read();

ProID = rd[0].ToString();

conn.Close();

return ProID;

}

protected void GridView1\_RowCommand(object sender, GridViewCommandEventArgs e)

{

if (e.CommandName == "Update")

{

FileUpload fulImg = (FileUpload)GridView1.Rows[Convert.ToInt32(e.CommandArgument)].FindControl("fulImg");

FileUpload fulSimg = (FileUpload)GridView1.Rows[Convert.ToInt32(e.CommandArgument)].FindControl("fulSimg");

int imgIndex = fulImg.FileName.IndexOf(".");

int SimgIndex = fulSimg.FileName.IndexOf(".");

if (imgIndex != -1 && SimgIndex != -1)

{

string imgSubname = fulImg.FileName.Substring(imgIndex + 1, 3); //抓大圖副檔名

string SimgSubname = fulSimg.FileName.Substring(SimgIndex + 1, 3); //抓小圖副檔名

if (imgSubname == "jpg" && SimgSubname == "jpg")

{

try

{

fulImg.SaveAs(Server.MapPath("~/ProductsImg/" + GridView1.Rows[Convert.ToInt32(e.CommandArgument)].Cells[0].Text + ".jpg"));

fulSimg.SaveAs(Server.MapPath("~/ProductsImg/s" + GridView1.Rows[Convert.ToInt32(e.CommandArgument)].Cells[0].Text + ".jpg"));

}

catch (Exception ex)

{

Response.Write("上傳沒有成功!原因是:" + ex.Message);

}

}

}

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

try

{

fulImg.SaveAs(Server.MapPath("~/ProductsImg/" + txtProduct\_ID.Text + ".jpg"));

fulSimg.SaveAs(Server.MapPath("~/ProductsImg/s" + txtProduct\_ID.Text + ".jpg"));

SqlCommand comm = new SqlCommand("insert into Products values(@Product\_ID, @Product\_Name,@Img,@Product\_Price,@Product\_Price2,@Product\_Intro,1)", conn);

comm.Parameters.AddWithValue("@Product\_ID", txtProduct\_ID.Text);

comm.Parameters.AddWithValue("@Product\_Name", txtProduct\_Name.Text);

comm.Parameters.AddWithValue("@Img", txtProduct\_ID.Text);

comm.Parameters.AddWithValue("@Product\_Price", txtProduct\_Price.Text);

comm.Parameters.AddWithValue("@Product\_Price2", txtProduct\_Price2.Text);

comm.Parameters.AddWithValue("@Product\_Intro", txtProduct\_Intro.Text);

conn.Open();

comm.ExecuteNonQuery();

conn.Close();

GridView1.DataBind();

txtProduct\_Intro.Text = "";

txtProduct\_Name.Text = "";

txtProduct\_Price.Text = "";

txtProduct\_Price2.Text = "";

txtProduct\_ID.Text = getProID();

}

catch (Exception ex)

{

Response.Write("上傳沒有成功!原因是:" + ex.Message);

}

}

}

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master" AutoEventWireup="true" CodeFile="69ContentPage.aspx.cs" Inherits="\_69ContentPage" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">

<style>

tr{

height:50px;

}

</style>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<fieldset>

<legend>

Login

</legend>

<table style="width:90%">

<tr>

<td class="text-right"><label for="txtAccount">帳號：</label></td>

<td>

<asp:TextBox ID="txtAccount" runat="server" CssClass="form-control"></asp:TextBox>

<asp:RequiredFieldValidator ControlToValidate="txtAccount" ID="RequiredFieldValidator1" runat="server" ErrorMessage="(必填)" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

<asp:RegularExpressionValidator ControlToValidate="txtAccount" ID="RegularExpressionValidator1" runat="server" ErrorMessage="(3-20碼)" ValidationExpression="[A-Za-z]\w{2,20}" ForeColor="Red" Display="Dynamic"></asp:RegularExpressionValidator>

</td>

</tr>

<tr>

<td class="text-right"><label for="txtPwd">密碼：</label></td>

<td>

<asp:TextBox ID="txtPwd" runat="server" CssClass="form-control" TextMode="Password"></asp:TextBox>

<asp:RequiredFieldValidator ControlToValidate="txtPwd" ID="RequiredFieldValidator2" runat="server" ErrorMessage="(必填)" ForeColor="Red" Display="Dynamic"></asp:RequiredFieldValidator>

<asp:RegularExpressionValidator ControlToValidate="txtPwd" ID="RegularExpressionValidator2" runat="server" ValidationExpression=".{3,20}" ErrorMessage="(3-20碼)" ForeColor="Red" Display="Dynamic"></asp:RegularExpressionValidator>

</td>

</tr>

<tr>

<td>

</td>

<td>

<asp:Button ID="Button1" runat="server" Text="登入" CssClass="btn btn-primary" OnClick="Button1\_Click" />

<input id="Reset1" type="reset" value="重填" class="btn btn-default" />

</td>

</tr>

</table>

<asp:Label ID="lblInfo" runat="server" CssClass="alert-danger"></asp:Label>

</fieldset>

</asp:Content>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data;

using System.Data.SqlClient;

using System.Configuration;

public partial class \_69ContentPage : System.Web.UI.Page

{

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

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["ScoresConnectionString"].ConnectionString);

SqlCommand cmd = new SqlCommand("select \* from userdata where id=@id and pwd=@pwd", conn);

//SqlCommand cmd = new SqlCommand("select \* from userdata where id='"+ txtAccount.Text + "' and pwd='"+ txtPwd.Text+"'", conn);

cmd.Parameters.AddWithValue("@id", txtAccount.Text);

cmd.Parameters.AddWithValue("@pwd", txtPwd.Text);

//Response.Write(cmd.CommandText);

SqlDataReader dr;

conn.Open();

dr = cmd.ExecuteReader();

if (dr.Read())

{

//ViewState["aa"] = 1;

Session["id"] = dr["id"].ToString();

Session["name"] = dr["name"].ToString();

Response.Redirect("70hw61115.aspx");

}

else

{

lblInfo.Text = "您的帳號或密碼有誤!!";

}

conn.Close();

}

}