

ASP.NET 期末報告

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1. 結果截圖

當按下按鈕 A  
顯示 (SELECT)

OrderID

ProductID

UnitPrice

A

B

C

D

OrderID	ProductID	UnitPrice
10248	11	14.0000
10248	42	9.8000
10248	72	34.8000
10249	14	18.6000
10249	51	42.4000
10250	41	7.7000
10250	51	42.4000
10250	65	16.8000
10251	22	16.8000
10251	57	15.6000
10251	65	16.8000
10252	20	64.8000
10252	33	2.0000
10252	60	27.2000
10253	31	10.0000
10253	39	14.4000
10253	49	16.0000
10254	24	3.6000
10254	55	19.2000
10254	74	8.0000
10255	2	15.2000
10255	16	13.9000
10255	36	15.2000
10255	59	44.0000
10256	53	26.2000
10256	77	10.4000
10257	27	35.1000
10257	39	14.4000

當按下按鈕 B  
新增 (INSERT)

OrderID

ProductID

UnitPrice

A

B

C

D

OrderID	ProductID	UnitPrice
10248	10	1094181017.0000

當按下按鈕 C  
更新 (UPDATE)

OrderID

ProductID

UnitPrice

A

B

C

D

OrderID	ProductID	UnitPrice
10248	10	999.0000

當按下按鈕 D  
刪除 (DELETE)

OrderID

ProductID

UnitPrice

A

B

C

D

OrderID	ProductID	UnitPrice
10248	11	14.0000
10248	42	9.8000
10248	72	34.8000
10249	14	18.6000
10249	51	42.4000
10250	41	7.7000
10250	51	42.4000
10250	65	16.8000
10251	22	16.8000
10251	57	15.6000
10251	65	16.8000
10252	20	64.8000
10252	33	2.0000
10252	60	27.2000
10253	31	10.0000
10253	39	14.4000
10253	49	16.0000
10254	24	3.6000
10254	55	19.2000
10254	74	8.0000
10255	2	15.2000
10255	16	13.9000
10255	36	15.2000
10255	59	44.0000
10256	53	26.2000
10256	77	10.4000
10257	27	35.1000
10257	39	14.4000

2. 頁面設計截圖 (\*.asp →設計)

D1094181017.aspxcs

D1094181017.aspx

✕

OrderID

ProductID

UnitPrice

A

B

C

D

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

3. 程式碼 (\*.cs)

## ASP.NET 期末報告

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

namespace exam_db
{

    public partial class D1094181017 : System.Web.UI.Page
    {

        protected void Page_Load(object sender, EventArgs e)
        {

        }

    }

}
```

```
protected void Button1_Click(object sender, EventArgs e)
{
    string sConn1 = "Data Source = (LocalDB)\\MSSQLLocalDB;" +
        "AttachDbFilename = D:\\exam_db\\northwnd.mdf;" +
        "Integrated Security = True; Connect Timeout = 30";

    SqlConnection sqlConn = new SqlConnection(sConn1);

    sqlConn.Open();

    SqlCommand command = new SqlCommand("SELECT OrderID, ProductID, UnitPrice FROM [dbo].[Order
Details];", sqlConn);
    SqlDataReader dr = command.ExecuteReader();

    GridView1.DataSource = dr;
    GridView1.DataBind();

    command.Cancel();
    dr.Close();
    sqlConn.Close();
    sqlConn.Dispose();
}
```

```
protected void Button2_Click(object sender, EventArgs e)
{
    string sConn1 = "Data Source = (LocalDB)\MSSQLLocalDB;" +
"AttachDbFilename = D:\\exam_db\\northwnd.mdf;" +
"Integrated Security = True; Connect Timeout = 30";

    SqlConnection sqlConn = new SqlConnection(sConn1);

    sqlConn.Open();

    string queryString = "INSERT INTO [dbo].[Order Details] (OrderID, ProductID, UnitPrice) VALUES
(@OrderID, @ProductID, @UnitPrice)";

    SqlCommand command = new SqlCommand(queryString, sqlConn);

    command.Parameters.Add("@OrderID", System.Data.SqlDbType.Int).Value =
Convert.ToInt32(TextBox1.Text);
    command.Parameters.Add("@ProductID", System.Data.SqlDbType.Int).Value =
Convert.ToInt32(TextBox2.Text);
    command.Parameters.Add("@UnitPrice", System.Data.SqlDbType.Money).Value =
Convert.ToInt32(TextBox3.Text);

    command.ExecuteNonQuery();

    command = new SqlCommand("SELECT OrderID, ProductID, UnitPrice FROM [dbo].[Order Details];",
sqlConn);
    SqlDataReader dr = command.ExecuteReader();

    GridView1.DataSource = dr;
    GridView1.DataBind();

    command.Cancel();
    dr.Close();
    sqlConn.Close();
    sqlConn.Dispose();
}
```

```
protected void Button3_Click(object sender, EventArgs e)
{
    string sConn1 = "Data Source = (LocalDB)\\MSSQLLocalDB;" +
        "AttachDbFilename = D:\\exam_db\\northwnd.mdf;" +
        "Integrated Security = True; Connect Timeout = 30";

    SqlConnection sqlConn = new SqlConnection(sConn1);

    sqlConn.Open();

    string queryString = "UPDATE [dbo].[Order Details] SET UnitPrice = @UnitPrice WHERE (OrderID = @OrderID) and (ProductID = @ProductID); ";

    SqlCommand command = new SqlCommand(queryString, sqlConn);

    command.Parameters.Add("@OrderID", System.Data.SqlDbType.Int).Value =
Convert.ToInt32(TextBox1.Text);
    command.Parameters.Add("@ProductID", System.Data.SqlDbType.Int).Value =
Convert.ToInt32(TextBox2.Text);
    command.Parameters.Add("@UnitPrice", System.Data.SqlDbType.Money).Value =
Convert.ToInt32(TextBox3.Text);

    command.ExecuteNonQuery();

    command = new SqlCommand("SELECT OrderID, ProductID, UnitPrice FROM [dbo].[Order Details];",
sqlConn);
    SqlDataReader dr = command.ExecuteReader();

    GridView1.DataSource = dr;
    GridView1.DataBind();

    command.Cancel();
    dr.Close();
    sqlConn.Close();
    sqlConn.Dispose();
}
```

```
protected void Button4_Click(object sender, EventArgs e)
{
    string sConn1 = "Data Source = (LocalDB)\\MSSQLLocalDB;" +
        "AttachDbFilename = D:\\exam_db\\northwnd.mdf;" +
        "Integrated Security = True; Connect Timeout = 30";

    SqlConnection sqlConn = new SqlConnection(sConn1);

    sqlConn.Open();

    string queryString = "DELETE [dbo].[Order Details] WHERE (OrderID=@OrderID) and  
(ProductID=@ProductID) and (UnitPrice=@UnitPrice); ";

    SqlCommand command = new SqlCommand(queryString, sqlConn);

    command.Parameters.Add("@OrderID", System.Data.SqlDbType.Int).Value =  
Convert.ToInt32(TextBox1.Text);
    command.Parameters.Add("@ProductID", System.Data.SqlDbType.Int).Value =  
Convert.ToInt32(TextBox2.Text);
    command.Parameters.Add("@UnitPrice", System.Data.SqlDbType.Money).Value =  
Convert.ToInt32(TextBox3.Text);

    command.ExecuteNonQuery();

    command = new SqlCommand("SELECT OrderID, ProductID, UnitPrice FROM [dbo].[Order Details];",  
sqlConn);
    SqlDataReader dr = command.ExecuteReader();

    GridView1.DataSource = dr;
    GridView1.DataBind();

    command.Cancel();
    dr.Close();
    sqlConn.Close();
    sqlConn.Dispose();
}
}
```