**TRƯỜNG ĐẠI HỌC MỞ THÀNH PHỐ HỒ CHÍ MINH**

**KHOA CÔNG NGHỆ THÔNG TIN**

36. Using the AutoComplete Control

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BÀI TẬP LỚN MÔN LẬP TRÌNH WEB

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Mục Lục

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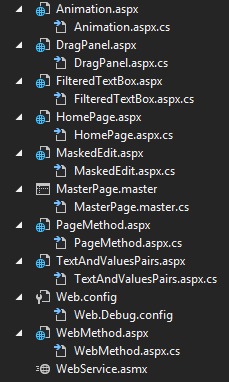
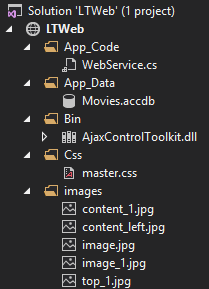
## Tài liệu tham khảo

* ASP.NET 4 Unleashed - Copyright ©2011 by Pearson Education, Inc

## Công cụ sử dụng

* Visual Studio 2015
* Ajax Toolkit 17.1
* Framework 4.6.1
* Source đính kèm

## Tổng quan chương trình



# Nội dung chính

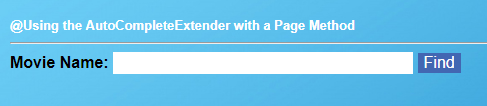
## Using AutoCompleteExtender with a Page Method

### Định nghĩa

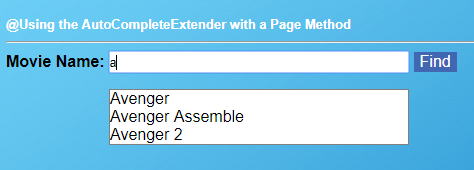
* Nếu không cần thiết phải sử dụng gợi ý trên nhiều trang, có thể tạo một danh sách các gợi ý từ phương thức web là phương tĩnh tĩnh trên một trang

### Hiển thị

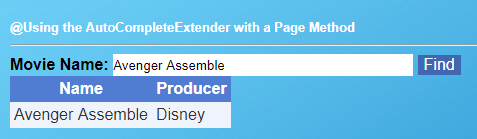
* Khi chưa nhập dữ liệu



* Khi đã nhập dữ liệu



* Chọn gợi ý phù hợp và click Find



### Code

#### PageMethod.aspx

* 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.OleDb;
* public partial class PageMethod : System.Web.UI.Page
* {
* protected void Page\_Load(object sender, EventArgs e)
* {
* }
* [System.Web.Script.Services.ScriptMethod()]
* [System.Web.Services.WebMethod]
* public static List<string> GetMovie(string prefixText)
* {
* OleDbConnection con = new OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=|DataDirectory|\\Movies.accdb;Persist Security Info=True");
* OleDbCommand cmd = new OleDbCommand("SELECT Name FROM Movies Where Name LIKE'" + prefixText + "%'", con);
* OleDbDataReader reader;
* List<string> result = new List<string>();
* using (con)
* {
* con.Open();
* reader = cmd.ExecuteReader();
* while (reader.Read())
* {
* result.Add(reader["Name"].ToString());
* }
* return result;
* }
* }
* protected void Button1\_Click(object sender, EventArgs e)
* {
* OleDbConnection con = new OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=|DataDirectory|\\Movies.accdb;Persist Security Info=True");
* OleDbCommand cmd = new OleDbCommand("SELECT \* FROM Movies Where Name='" + TextBox1.Text + "'", con);
* DataTable dtb = new DataTable();
* dtb.Columns.Add("Name");
* dtb.Columns.Add("Producer");
* OleDbDataReader reader;
* using (con)
* {
* con.Open();
* reader = cmd.ExecuteReader();
* DataRow row;
* while (reader.Read())
* {
* row = dtb.NewRow();
* row["Name"] = (string)reader["Name"];
* row["Producer"] = (string)reader["Producer"];
* dtb.Rows.Add(row);
* }
* GridView1.DataSource = dtb;
* GridView1.DataBind();
* }
* }
* }

#### PageMethod.aspx.cs

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

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

</asp:Content>

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

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="#ffffff" Font-Bold="True" Text="@Using the AutoCompleteExtender with a Page Method" BorderStyle="None"></asp:Label>

<hr />

<asp:ScriptManager ID="ScriptManager1" runat="server"></asp:ScriptManager>

<asp:Label ID="Label3" runat="server" Text="Movie Name:" Font-Bold="True" Font-Size="Medium" Height="20px" BorderStyle="None"></asp:Label>

<asp:TextBox

ID="TextBox1"

runat="server"

Height="20px"

Width="300px" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:AutoCompleteExtender

ID="TextBox1\_AutoCompleteExtender"

runat="server"

BehaviorID="TextBox1\_AutoCompleteExtender"

DelimiterCharacters=""

ServiceMethod="GetMovie"

TargetControlID="TextBox1"

CompletionInterval="100"

CompletionSetCount="10"

MinimumPrefixLength="1">

</ajaxToolkit:AutoCompleteExtender>

<asp:Button ID="Button1" runat="server" Text="Find" BackColor="#4267B2" BorderStyle="None" Font-Size="Medium" ForeColor="White" Height="20px" OnClick="Button1\_Click" />

<asp:GridView ID="GridView1" runat="server" CellPadding="4" ForeColor="#333333" GridLines="None">

<AlternatingRowStyle BackColor="White" />

<EditRowStyle BackColor="#2461BF" />

<FooterStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<HeaderStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#2461BF" ForeColor="White" HorizontalAlign="Center" />

<RowStyle BackColor="#EFF3FB" />

<SelectedRowStyle BackColor="#D1DDF1" Font-Bold="True" ForeColor="#333333" />

<SortedAscendingCellStyle BackColor="#F5F7FB" />

<SortedAscendingHeaderStyle BackColor="#6D95E1" />

<SortedDescendingCellStyle BackColor="#E9EBEF" />

<SortedDescendingHeaderStyle BackColor="#4870BE" />

</asp:GridView>

</asp:Content>

## Using AutoCompleteExtender with a Web Servicers Method

### Định nghĩa

* Tạo gợi ý cho nhiều trang cùng sử dụng

### Hiển thị

* Hiển thị giống Page Method

### Code

#### WebServices.asmx

<%@ WebService Language="C#" CodeBehind="~/App\_Code/WebService.cs" Class="WebService" %>

#### WebServices.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Services;

using System.Data.OleDb;

using System.Data;

/// <summary>

/// Summary description for WebService

/// </summary>

[WebService(Namespace = "http://tempuri.org/")]

[WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1\_1)]

[System.Web.Script.Services.ScriptService]

public class WebService : System.Web.Services.WebService

{

[WebMethod]

public List<string> SearchMovie (string prefixText)

{

OleDbConnection con = new OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=|DataDirectory|\\Movies.accdb;Persist Security Info=True");

OleDbCommand cmd = new OleDbCommand("SELECT Name FROM Movies Where Name LIKE'" + prefixText + "%'", con);

OleDbDataReader reader;

List<string> result = new List<string>(); ;

using (con)

{

con.Open();

reader = cmd.ExecuteReader();

while (reader.Read())

{

result.Add(reader["Name"].ToString());

}

return result;

}

}

}

#### WebMethod.aspx

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

<%@ Register assembly="AjaxControlToolkit" namespace="AjaxControlToolkit" tagprefix="ajaxToolkit" %>

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

</asp:Content>

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

<asp:Label ID="Label1" runat="server" Font-Size="XX-Large" Text="AutoCompleteExtender with a Web Service Method"></asp:Label>

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="White" Font-Bold="True" Text="@Using the AutoCompleteExtender with a Web Service Method"></asp:Label>

<hr />

<asp:ScriptManager ID="ScriptManager1" runat="server">

<Services>

<asp:ServiceReference Path="~/WebService.asmx" />

</Services>

</asp:ScriptManager>

<asp:Label ID="Label3" runat="server" Text="Movie Name:" Font-Bold="True" Font-Size="Medium" Height="20px" BorderStyle="None"></asp:Label>

<asp:TextBox

ID="TextBox1"

runat="server"

Height="20px"

Width="300px" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:AutoCompleteExtender

ID="TextBox1\_AutoCompleteExtender"

runat="server"

BehaviorID="TextBox1\_AutoCompleteExtender"

DelimiterCharacters=""

ServicePath="~/WebService.asmx"

ServiceMethod="SearchMovie"

TargetControlID="TextBox1"

Enabled="true"

EnableCaching="true"

CompletionInterval="100"

CompletionSetCount="10"

MinimumPrefixLength="1">

</ajaxToolkit:AutoCompleteExtender>

<asp:Button ID="Button1" runat="server" Text="Find" BackColor="#4267B2" BorderStyle="None" Font-Size="Medium" ForeColor="White" Height="20px" OnClick="Button1\_Click" Width="42px" />

<br />

<asp:GridView ID="GridView1" runat="server" CellPadding="4" ForeColor="#333333" GridLines="None">

<AlternatingRowStyle BackColor="White" />

<EditRowStyle BackColor="#2461BF" />

<FooterStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<HeaderStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#2461BF" ForeColor="White" HorizontalAlign="Center" />

<RowStyle BackColor="#EFF3FB" />

<SelectedRowStyle BackColor="#D1DDF1" Font-Bold="True" ForeColor="#333333" />

<SortedAscendingCellStyle BackColor="#F5F7FB" />

<SortedAscendingHeaderStyle BackColor="#6D95E1" />

<SortedDescendingCellStyle BackColor="#E9EBEF" />

<SortedDescendingHeaderStyle BackColor="#4870BE" />

</asp:GridView>

</asp:Content>

#### WebMethod.aspx.cs

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.OleDb;

public partial class Css\_WebMethod : System.Web.UI.Page

{

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

{

}

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

{

OleDbConnection con = new OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=|DataDirectory|\\Movies.accdb;Persist Security Info=True");

OleDbCommand cmd = new OleDbCommand("SELECT \* FROM Movies Where Name='" + TextBox1.Text + "'", con);

DataTable dtb = new DataTable();

dtb.Columns.Add("Name");

dtb.Columns.Add("Producer");

OleDbDataReader reader;

using (con)

{

con.Open();

reader = cmd.ExecuteReader();

DataRow row;

while (reader.Read())

{

row = dtb.NewRow();

row["Name"] = (string)reader["Name"];

row["Producer"] = (string)reader["Producer"];

dtb.Rows.Add(row);

}

GridView1.DataSource = dtb;

GridView1.DataBind();

}

}

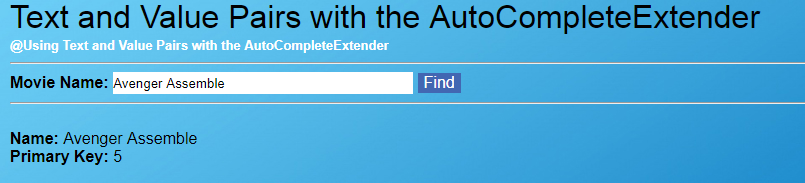
}

## Using Text and Value Pairs with the AutoCompleteExtender

### Định nghĩa

* Hiển thị gợi ý nếu người dung chọn gợi ý đó thì hiển thị luôn ID của gợi ý

### Hiển thị



### Code

#### TextAndValuesPairs.aspx

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

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

</asp:Content>

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

<script type="text/javascript">

function ace1\_itemSelected(sender, e) {

var ace1Value = $get('<%= ace1Value.ClientID %>');

ace1Value.value = e.get\_value();

}

</script>

<asp:Label ID="Label1" runat="server" Font-Size="XX-Large" Text="Text and Value Pairs with the AutoCompleteExtender"></asp:Label>

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="White" Font-Bold="True" Text="@Using Text and Value Pairs with the AutoCompleteExtender"></asp:Label>

<hr />

<asp:ScriptManager ID="ScriptManager1" runat="server"></asp:ScriptManager>

<asp:UpdatePanel runat="server" ID="up">

<ContentTemplate>

<asp:Label ID="Label3" runat="server" Text="Movie Name:" Font-Bold="True" Font-Size="Medium" Height="20px" BorderStyle="None"></asp:Label>

<asp:TextBox

ID="TextBox1"

runat="server"

Height="20px"

Width="300px" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:AutoCompleteExtender

ID="TextBox1\_AutoCompleteExtender"

runat="server"

ServiceMethod="GetMovie"

TargetControlID="TextBox1"

MinimumPrefixLength="1"

OnClientItemSelected="ace1\_itemSelected"

FirstRowSelected="true">

</ajaxToolkit:AutoCompleteExtender>

<asp:Button ID="Button1" runat="server" Text="Find" BackColor="#4267B2" BorderStyle="None" Font-Size="Medium" ForeColor="White" Height="20px" OnClick="Button1\_Click" />

<asp:HiddenField

ID="ace1Value"

runat="server" />

<hr />

<br />

<asp:Label ID="Label4" runat="server" Text="Name: " Font-Bold="true" />

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

<br />

<asp:Label ID="Label5" runat="server" Text="Primary Key: " Font-Bold="true" />

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

</ContentTemplate>

</asp:UpdatePanel>

</asp:Content>

#### TextAndValuesPairs.aspx.cs

using System;

using System.Collections;

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.OleDb;

using System.Configuration;

public partial class Css\_TextAndValuesPairs : System.Web.UI.Page

{

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

{

}

[System.Web.Script.Services.ScriptMethod()]

[System.Web.Services.WebMethod]

public static List<string> GetMovie(string prefixText)

{

OleDbConnection con = new OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=|DataDirectory|\\Movies.accdb;Persist Security Info=True");

OleDbCommand cmd = new OleDbCommand("SELECT \* FROM Movies Where Name LIKE'" + prefixText + "%'", con);

OleDbDataReader reader;

List<string> result = new List<string>();

using (con)

{

con.Open();

reader = cmd.ExecuteReader();

while (reader.Read())

{

string item = AjaxControlToolkit.AutoCompleteExtender.CreateAutoCompleteItem(reader["Name"].ToString(), Convert.ToUInt32(reader["ID"]).ToString());

result.Add(item);

}

return result;

}

}

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

{

lblSelectedName.Text = TextBox1.Text;

lblSelectedNameId.Text = ace1Value.Value;

}

}

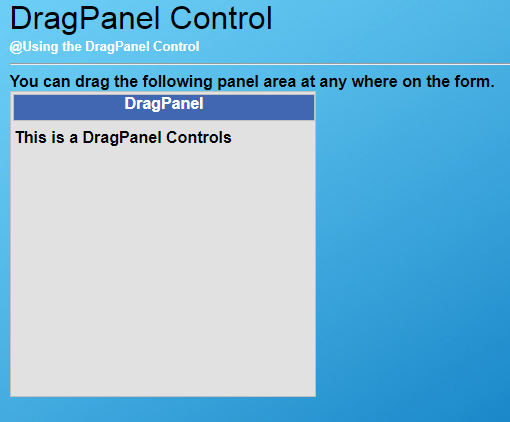
## Using the DragPanel Control

### Định nghĩa

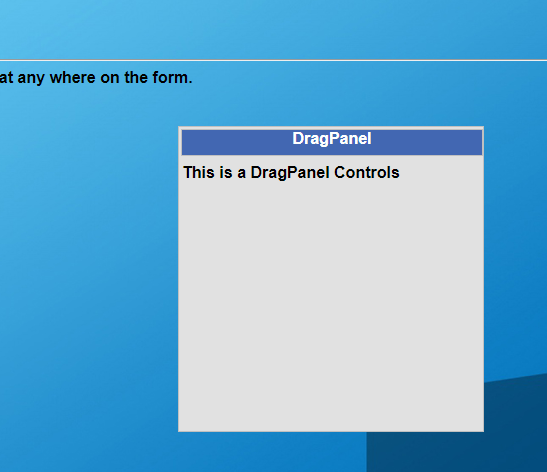
* Cho phép tạo một cửa sổ ảo trong trang web và có thể di chuyển bất kì nơi nào trong trang web

### Hiển thị

* Hiển thị ban đầu



* Di chuyển



### Code

#### DragPanel.aspx

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

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

</asp:Content>

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

<asp:Label ID="Label1" runat="server" Font-Size="XX-Large" Text="DragPanel Control"></asp:Label>

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="White" Font-Bold="True" Text="@Using the DragPanel Control"></asp:Label>

<hr />

<style type="text/css">

.outerPanel {

border: solid 1px #C0C0C0;

background-color: #e1e1e1;

width: 300px;

height: 300px;

z-index: 20;

padding: 2px;

}

.dragPanel {

border: solid 1px #C0C0C0;

background-color: #4267B2;

width: 300px;

height: 25px;

color: #FFFFFF;

font-weight: bold;

cursor: move;

}

.auto-style1 {

text-align: center;

}

</style>

<asp:ScriptManager ID="ScriptManager1" runat="server"></asp:ScriptManager>

<b> You can drag the following panel area at any where on the form. </b>

<ajaxToolkit:DragPanelExtender ID="DragPanelExtender1" runat="server" TargetControlID="pnlCover"

DragHandleID="pnlAdd"></ajaxToolkit:DragPanelExtender>

<asp:Panel ID="pnlCover" runat="server" CssClass="outerPanel">

<asp:Panel ID="pnlAdd" runat="server" CssClass="dragPanel">

<div class="auto-style1">

<b>DragPanel</b>

</div>

<p style="color: #000000">This is a DragPanel Controls</p>

</asp:Panel>

</asp:Panel>

<script type="text/javascript">

function setBodyHeightToContentHeight() {

document.body.style.height = Math.max(document.documentElement.scrollHeight, document.body.scrollHeight) + "px";

}

setBodyHeightToContentHeight();

</script>

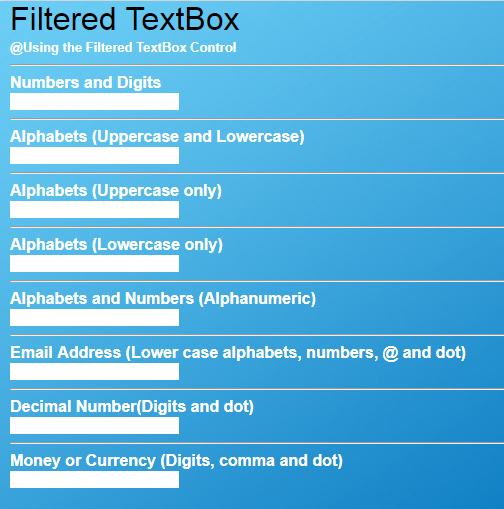
</asp:Content>

## Using the FilteredTextBox Control

### Định nghĩa

* Ngăn không cho người dung nhập sai kiểu dữ liệu

### Hiển thị



### Code

#### FilteredTextBox.aspx

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

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

</asp:Content>

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

<asp:Label ID="Label1" runat="server" Font-Size="XX-Large" Text="Filtered TextBox"></asp:Label>

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="White" Font-Bold="True" Text="@Using the Filtered TextBox Control"></asp:Label>

<hr />

<asp:ScriptManager ID="ScriptManager1" runat="server"></asp:ScriptManager>

<b style="color:white">Numbers and Digits</b><br />

<asp:TextBox ID="TextBox1" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender1" runat="server" FilterType="Numbers"

TargetControlID="TextBox1" />

<hr />

<b style="color:white">Alphabets (Uppercase and Lowercase)</b><br />

<asp:TextBox ID="TextBox2" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender2" runat="server" FilterType="LowercaseLetters, UppercaseLetters"

TargetControlID="TextBox2" />

<hr />

<b style="color:white">Alphabets (Uppercase only)</b><br />

<asp:TextBox ID="TextBox3" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender3" runat="server" FilterType="UppercaseLetters"

TargetControlID="TextBox3" />

<hr />

<b style="color:white">Alphabets (Lowercase only)</b><br />

<asp:TextBox ID="TextBox4" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender4" runat="server" FilterType="LowercaseLetters"

TargetControlID="TextBox4" />

<hr />

<b style="color:white">Alphabets and Numbers (Alphanumeric)</b><br />

<asp:TextBox ID="TextBox5" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender6" runat="server" FilterType="Numbers, UppercaseLetters, LowercaseLetters"

TargetControlID="TextBox5" />

<hr />

<b style="color:white">Email Address (Lower case alphabets, numbers, @ and dot)</b><br />

<asp:TextBox ID="TextBox6" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender5" runat="server" FilterType="Numbers, LowercaseLetters, Custom"

ValidChars=".@" TargetControlID="TextBox6" />

<hr />

<b style="color:white">Decimal Number(Digits and dot)</b><br />

<asp:TextBox ID="TextBox7" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender7" runat="server" FilterType="Numbers, Custom"

ValidChars="." TargetControlID="TextBox7" />

<hr />

<b style="color:white">Money or Currency (Digits, comma and dot)</b><br />

<asp:TextBox ID="TextBox8" runat="server" BorderStyle="None"></asp:TextBox>

<ajaxToolkit:FilteredTextBoxExtender ID="FilteredTextBoxExtender8" runat="server" FilterType="Numbers, Custom"

ValidChars=".," TargetControlID="TextBox8" />

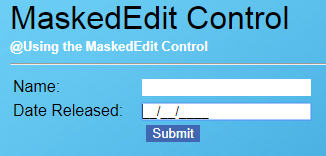
</asp:Content>

## Using the MaskedEdit Control

### Định nghĩa

* Tạo trước kiểu mà người dung được phép nhập

### Hiển thị



### Code

#### MaskedEdit.aspx

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

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

<style type="text/css">

.auto-style1 {

height: 22px;

}

.auto-style2 {

width: 326px;

}

.auto-style3 {

text-align: center;

}

</style>

</asp:Content>

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

<asp:Label ID="Label1" runat="server" Font-Size="XX-Large" Text="MaskedEdit Control"></asp:Label>

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="White" Font-Bold="True" Text="@Using the MaskedEdit Control"></asp:Label>

<hr />

<asp:ScriptManager ID="ScriptManager1" runat="server"></asp:ScriptManager>

<table class="auto-style2">

<tr>

<td class="auto-style1">

<asp:Label

ID="lblName"

Text="Name:"

AssociatedControlID="txtName"

runat="server" />

</td>

<td class="auto-style1">

<asp:TextBox

ID="txtName"

runat="server" BorderStyle="None" />

</td>

</tr>

<tr>

<td>

<asp:Label

ID="lblDateReleased"

Text="Date Released:"

AssociatedControlID="txtDateReleased"

runat="server" />

</td>

<td>

<asp:TextBox

ID="txtDateReleased"

runat="server" BorderStyle="None" />

<ajaxToolkit:MaskedEditExtender

ID="DateReleased\_MaskedEditExtender"

TargetControlID="txtDateReleased"

Mask="99/99/9999"

MaskType="Date"

runat="Server" />

</td>

</tr>

<tr>

<td colspan="2" class="auto-style3">

<asp:Button

ID="btnSubmit"

Text="Submit"

runat="server" BorderStyle="None" BackColor="#4267B2" ForeColor="White" OnClick="btnSubmit\_Click" />

</td>

</tr>

</table>

<asp:Label ID="lbShow" runat="server" Font-Size="Large" ForeColor="White" Font-Bold="True"></asp:Label>

</asp:Content>

#### MaskedEdit.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

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

{

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

{

}

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

{

lbShow.Text = "Movie Name: " + txtName.Text + " - Date Realsed: " + txtDateReleased.Text;

}

}

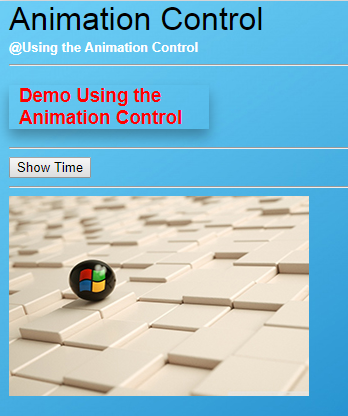
## Using the Animation Control

### Định nghĩa

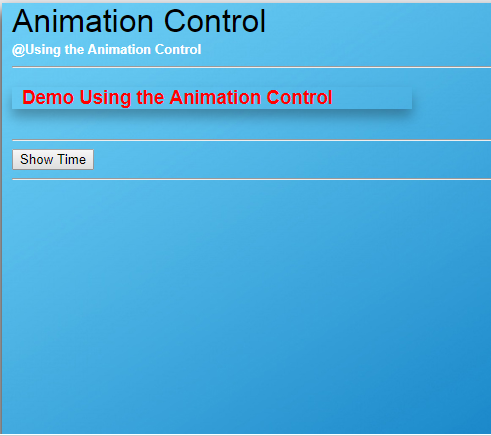
* Tạo thêm hiệu ứng

### Hiển thị

* Khi trang được khởi động



* Sau khi được kích hoạt



### Code

#### Animation.aspx

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

<%@ Register Assembly="AjaxControlToolkit" Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>

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

</asp:Content>

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

<asp:Label ID="Label1" runat="server" Font-Size="XX-Large" Text="Animation Control"></asp:Label>

<br />

<asp:Label ID="Label2" runat="server" Font-Size="Small" ForeColor="White" Font-Bold="True" Text="@Using the Animation Control"></asp:Label>

<hr />

<asp:ScriptManager ID="ScriptManager1" runat="server"></asp:ScriptManager>

<asp:Panel ID="pnl" runat="server" Width="200">

<h3 style="color: Red; box-shadow: 0 8px 20px 0 rgba(0, 0, 0, 0.3); padding-left:10px">Demo Using the Animation Control</h3>

</asp:Panel>

<ajaxToolkit:AnimationExtender ID="pnl\_AnimationExtender" runat="server" BehaviorID="pnl\_AnimationExtender" TargetControlID="pnl">

<Animations>

<OnMouseOver>

<Resize Width="400" Unit="px"/>

</OnMouseOver>

</Animations>

</ajaxToolkit:AnimationExtender>

<hr />

<asp:Button runat="server" ID="btnPlay" Text="Show Time" OnClick="btnPlay\_Click"></asp:Button>

<asp:Panel ID="pnl1" runat="server">

<asp:Label ID="Label3" runat="server" Font-Size="Large" Text=""></asp:Label>

<ajaxToolkit:AnimationExtender

ID="pnl1\_AnimationExtender"

runat="server"

TargetControlID="btnPlay">

<Animations>

<OnClick>

<Sequence>

<Color

Property="style"

PropertyKey="backgroundColor"

StartValue="#FF0000"

EndValue="#666666"

Duration="1000">

</Color>

<EnableAction Enabled="true">

</EnableAction>

</Sequence>

</OnClick>

</Animations>

</ajaxToolkit:AnimationExtender>

</asp:Panel>

<hr />

<asp:Panel ID="pnl2" runat="server" Width="300px" Height="200px" BackImageUrl="~/images/image\_1.jpg">

<ajaxToolkit:AnimationExtender ID="pnl2\_Animationextender" runat="server" TargetControlID="pnl2">

<Animations>

<OnMouseOver>

<FadeOut

Duration="3"

Fps="20">

</FadeOut>

</OnMouseOver>

<OnMouseOut>

<FadeIn

Duration="3"

Fps="20">

</FadeIn>

</OnMouseOut>

</Animations>

</ajaxToolkit:AnimationExtender>

</asp:Panel>

</asp:Content>

#### Animation.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

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

{

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

{

}

private void Time()

{

Label3.Text = DateTime.Now.ToString("dddd, MMMM dd yyyy"); ;

}

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

{

Time();

}

}