EmployeeController.cs

using MVC\_1217.Models;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace MVC\_1217.Controllers

{

public class EmployeeController : Controller

{

// GET: Employee

public ActionResult Index()

{

EmplyaeeModel model = new EmplyaeeModel();

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

result = GetData();

return View(result);

}

public PartialViewResult Insert(string name, string phone, string gender)

{

EmplyaeeModel model = new EmplyaeeModel();

model.Insert(name, phone, gender);

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

result = GetData();

return PartialView("~/Views/Employee/ShowEmployee.cshtml", result);

}

public PartialViewResult Save(string name, string phone, string gender, int id)

{

EmplyaeeModel model = new EmplyaeeModel();

model.Save(name, phone, gender, id);

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

result = GetData();

return PartialView("~/Views/Employee/ShowEmployee.cshtml", result);

}

public PartialViewResult Delete(int id)

{

EmplyaeeModel model = new EmplyaeeModel();

model.Delete(id);

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

result = GetData();

return PartialView("~/Views/Employee/ShowEmployee.cshtml", result);

}

private List<EmployeeInfo> GetData()

{

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

EmplyaeeModel model = new EmplyaeeModel();

result = model.GetInfoList();

return result;

}

public class EmployeeInfo

{

public int ID { get; set; }

public string Name { get; set; }

public string Gender { get; set; }

public string phone { get; set; }

}

}

}

EmplyaeeModel.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Net.Http;

using System.Web;

using static MVC\_1217.Controllers.EmployeeController;

using Newtonsoft.Json;

namespace MVC\_1217.Models

{

public class EmplyaeeModel

{

public List<EmployeeInfo> GetInfoList()

{

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

try

{

#region 呼叫遠端 Web API

string swebapi = $"http://localhost:6191/Default/GetInfoList";

using (HttpClientHandler handler = new HttpClientHandler())

using (HttpClient client = new HttpClient(handler))

using (HttpResponseMessage response = client.PostAsync(swebapi, null).Result)

{

var vt = response.Content.ReadAsStringAsync().Result;

vt = vt.Replace("\\\"", "@@@").Replace("\"", "").Replace("@@@", "\"");

result = JsonConvert.DeserializeObject<List<EmployeeInfo>>(vt);

}

#endregion

}

catch (Exception ex)

{

}

return result;

}

public void Save(string name, string phone, string gender, int id)

{

try

{

#region 呼叫遠端 Web API

string swebapi = $"http://localhost:6191/Default/";

swebapi = string.Format(swebapi + "{0}?name={1}&phone={2}&gender={3}&id={4}", "Save", name, phone, gender,id);

using (HttpClientHandler handler = new HttpClientHandler())

using (HttpClient client = new HttpClient(handler))

using (HttpResponseMessage response = client.PostAsync(swebapi, null).Result)

{

}

#endregion

}

catch (Exception ex)

{

}

}

public void Delete(int id)

{

try

{

#region 呼叫遠端 Web API

string swebapi = $"http://localhost:6191/Default/";

swebapi = string.Format(swebapi + "{0}?id={1}", "Delete",id);

using (HttpClientHandler handler = new HttpClientHandler())

using (HttpClient client = new HttpClient(handler))

using (HttpResponseMessage response = client.PostAsync(swebapi, null).Result)

{

}

#endregion

}

catch (Exception ex)

{

}

}

public void Insert(string name, string phone, string gender)

{

try

{

#region 呼叫遠端 Web API

string swebapi = $"http://localhost:6191/Default/";

swebapi = string.Format(swebapi + "{0}?name={1}&phone={2}&gender={3}", "Insert", name, phone, gender);

using (HttpClientHandler handler = new HttpClientHandler())

using (HttpClient client = new HttpClient(handler))

using (HttpResponseMessage response = client.PostAsync(swebapi, null).Result)

{

}

#endregion

}

catch (Exception ex)

{

}

}

}

}

Index.cshtml

@model List<MVC\_1217.Controllers.EmployeeController.EmployeeInfo>

@{

ViewBag.Title = "Index";

Layout = null;

}

<script type="text/javascript" src="~/Scripts/jquery-1.10.2.min.js"></script>

<style>

td {

border: 1px solid black;

padding: 10px;

}

</style>

<table style="border-collapse:collapse">

<thead>

<tr>

<td>姓名</td>

<td>性別</td>

<td>電話</td>

<td>功能</td>

</tr>

<tr>

<td><input type="text" id="name\_txt0" /></td>

<td>

<label><input type="radio" name="gender\_0" value="男" />男</label>

<label><input type="radio" name="gender\_0" value="女" />女</label>

</td>

<td><input type="text" id="phone\_txt0" /></td>

<td>

<input type="button" onclick="Insert()" value="新增" />

<input type="button" onclick="Cancel()" value="取消" />

</td>

</tr>

</thead>

<tbody id="Show\_tbody">

@Html.Partial("~/Views/Employee/ShowEmployee.cshtml", Model)

</tbody>

</table>

<script>

function Insert() {

var vname = $('#name\_txt0').val();

var vphone = $('#phone\_txt0').val();

var vgender = $('[name="gender\_0"]:checked').val();

$.ajax({

url: '@Url.Content("~/Employee/Insert")',

type: "POST",

async: false,//同步

data: { name: vname, phone: vphone, gender: vgender},

success: function (PartialView) {

if (PartialView != null) {

$('#Show\_tbody').empty();

$('#Show\_tbody').html(PartialView);

$('#name\_txt0').val('');

$('#phone\_txt0').val('');

$('[name="gender\_0"]:checked').attr('checked',false);

}

}, error: function () {

alert('error')

}

, complete: function () {

}

});

}

</script>

ShowEmployee.cshtml

@model List<MVC\_1217.Controllers.EmployeeController.EmployeeInfo>

@{

ViewBag.Title = "ShowEmployee";

}

@{

foreach (var item in Model)

{

<tr>

<td>

<input type="text" class="edit@(item.ID)" id="name\_txt@(item.ID)" value="@item.Name" disabled="disabled" />

</td>

<td>

<label>

<input type="radio" class="edit@(item.ID)" name="gender\_@(item.ID)" value="男" checked="@(item.Gender.Trim()=="男")" disabled="disabled" />

男

</label>

<label>

<input type="radio" class="edit@(item.ID)" name="gender\_@(item.ID)" value="女" checked="@(item.Gender.Trim()=="女")" disabled="disabled" />

女

</label>

</td>

<td>

<input type="text" class="edit@(item.ID)" id="phone\_txt@(item.ID)" value="@item.phone" disabled="disabled" />

</td>

<td>

<input type="button" onclick="Edit('@item.ID')" id="edit\_btn@(item.ID)" value="編輯" />

<input type="button" onclick="if(confirm('確定要刪除嗎?'))Delete('@item.ID')" id="delete\_btn@(item.ID)" value="刪除" />

<input type="button" onclick="Cancel('@item.ID')" id="cancel\_btn@(item.ID)" style="display:none" value="取消" />

<input type="button" onclick="Save('@item.ID')" id="save\_btn@(item.ID)" style="display:none" value="儲存" />

</td>

</tr>

}

}

<script>

var cname\_temp = '';

var phone\_temp = '';

var gender\_temp = '';

function Edit(id) {

$('#edit\_btn' + id).hide();

$('#delete\_btn' + id).hide();

$('#save\_btn' + id).show();

$('#cancel\_btn' + id).show();

$('.edit' + id).attr('disabled', false);

cname\_temp = $('#name\_txt' + id).val();

phone\_temp = $('#phone\_txt' + id).val();

gender\_temp = $('[name="gender\_' + id + '"]:checked').val();

}

function Cancel(id) {

$('#edit\_btn' + id).show();

$('#delete\_btn' + id).show();

$('#save\_btn' + id).hide();

$('#cancel\_btn' + id).hide();

$('.edit' + id).attr('disabled', true);

$('#name\_txt' + id).val(cname\_temp);

$('#phone\_txt' + id).val(phone\_temp);

$('[name="gender\_' + id + '"][value="' + gender\_temp + '"]').prop('checked', true);

}

function Save(vid) {

var vname = $('#name\_txt' + vid).val();

var vphone = $('#phone\_txt' + vid).val();

var vgender = $('[name="gender\_' + vid + '"]:checked').val();

$.ajax({

url: '@Url.Content("~/Employee/Save")',

type: "POST",

async: false,//同步

data: {id:vid, name: vname, phone: vphone, gender: vgender},

success: function (PartialView) {

if (PartialView != null) {

$('#Show\_tbody').empty();

$('#Show\_tbody').html(PartialView);

}

}, error: function () {

alert('error')

}

, complete: function () {

}

});

}

function Delete(vid) {

$.ajax({

url: '@Url.Content("~/Employee/Delete")',

type: "POST",

async: false,//同步

data: {id:vid},

success: function (PartialView) {

if (PartialView != null) {

$('#Show\_tbody').empty();

$('#Show\_tbody').html(PartialView);

}

}, error: function () {

alert('error')

}

, complete: function () {

}

});

}

</script>