//Student Controller

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using System.Data.Entity;

using crudApp.Models;

using System.IO;

using System.Collections;

namespace crudApp.Controllers

{

public class StudentController : Controller

{

StudentDbEntities db = new StudentDbEntities();

//index

public ActionResult Index()

{

var student = db.students.Include(a=>a.addmitions.Select(c=>c.course)).OrderBy(s=>s.sid).ToList();

return View(student);

}

//create

public ActionResult Create()

{

return View();

}

//post

[HttpPost]

public ActionResult Create(student student, int[] cid)

{

if (ModelState.IsValid) {

var st = new student()

{

sname = student.sname,

age = student.age,

ismorning = student.ismorning,

mark=student.mark,

};

HttpPostedFileBase file = student.pictureFile;

if (file != null) {

string filename = Path.Combine("/Images/", DateTime.Now.Ticks.ToString()+ Path.GetExtension(file.FileName));

file.SaveAs(Server.MapPath(filename));

st.picture = filename;

}

foreach (var c in cid) {

addmition a = new addmition()

{

student = st,

sname = student.sname,

sid = student.sid,

cid = c,

};

db.addmitions.Add(a);

}

db.SaveChanges();

return RedirectToAction("Index");

}

return View(student);

}

// Partial

public ActionResult AddCourse(int? id)

{

ViewBag.course = new SelectList(db.courses.ToList(), "cid", "cname", id ?? 0);

return PartialView("\_addCourse");

}

//edit

public ActionResult Edit(int ? id)

{

var student = db.students.Find(id);

return View(student);

}

[HttpPost]

public ActionResult Edit(student student, int[] cid)

{

if (ModelState.IsValid)

{

var st = db.students.Find(student.sid);

st.sname = student.sname;

st.age = student.age;

st.ismorning = student.ismorning;

st.mark = student.mark;

HttpPostedFileBase file = student.pictureFile;

if (file != null)

{

string filename = Path.Combine("/Images/", DateTime.Now.Ticks.ToString() + Path.GetExtension(file.FileName));

file.SaveAs(Server.MapPath(filename));

st.picture = filename;

}

else {

st.picture = st.picture;

}

var a = db.addmitions.Where(c => c.sid == student.sid);

db.addmitions.RemoveRange(a);

foreach (var c in cid)

{

addmition ad = new addmition()

{

student = st,

sname = student.sname,

sid = student.sid,

cid = c,

};

db.addmitions.Add(ad);

}

db.SaveChanges();

return RedirectToAction("Index");

}

return View(student);

}

//delete

public ActionResult Delete(int? id)

{

var student = db.students.Find(id);

var a = db.addmitions.Where(c => c.sid == student.sid);

db.addmitions.RemoveRange(a);

db.students.Remove(student);

db.SaveChanges();

return RedirectToAction("Index");

}

}

}

//index

@model IEnumerable<crudApp.Models.student>

@{

ViewBag.Title = "Index";

}

<h2>Index</h2>

<section>

@Html.ActionLink("Create", "Create")

<table class="table text-center">

<thead>

<tr>

<th>

@Html.DisplayNameFor(m => m.sid)

</th>

<th>

@Html.DisplayNameFor(m => m.picture)

</th>

<th>

@Html.DisplayNameFor(m => m.sname)

</th>

<th>

@Html.DisplayNameFor(m => m.age)

</th>

<th>

@Html.DisplayNameFor(m => m.mark)

</th>

<th>

@Html.DisplayNameFor(m => m.ismorning)

</th>

</tr>

</thead>

<tbody>

@foreach(var s in Model)

{

<tr>

<td>

@Html.DisplayFor(m => s.sid)

</td>

<td>

<img src="@s.picture" width="70" height="70" />

</td>

<td>

@Html.DisplayFor(m => s.sname)

</td>

<td>

@Html.DisplayFor(m => s.age)

</td>

<td>

@Html.DisplayFor(m => s.mark)

</td>

<td>

@Html.DisplayFor(m => s.ismorning)

</td>

</tr>

<tr>

<td colspan="6">

<table class="table table-active text-center">

<thead>

<tr>

<th>

@Html.Label("course id")

</th>

<th>

@Html.Label("course Name")

</th>

</tr>

</thead>

<tbody>

@foreach (var c in s.addmitions) {

<tr>

<td>

@Html.DisplayFor(m => c.course.cid)

</td>

<td>

@Html.DisplayFor(m => c.course.cname)

</td>

</tr>

}

</tbody>

</table>

</td>

</tr>

<tr>

<td colspan="12">

@Html.ActionLink("Edit", "Edit", new {id=s.sid})

@Html.ActionLink("Delete", "Delete", new {id=s.sid})

</td>

</tr>

}

</tbody>

</table>

</section>

//create

@model crudApp.Models.student

@{

ViewBag.Title = "Create";

}

<h2>Create</h2>

@using (Html.BeginForm("Create", "Student", FormMethod.Post, new {enctype="multipart/form-data"}))

{

<div class="form-horizontal">

<h4>student</h4>

<hr />

<div class="form-group">

@Html.LabelFor(model => model.sname, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.EditorFor(model => model.sname, new { htmlAttributes = new { @class = "form-control" } })

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.age, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.TextBoxFor(model => model.age, new { @class = "form-control", type = "date" })

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.ismorning, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

<div class="checkbox">

@Html.CheckBoxFor(model => model.ismorning)

</div>

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.mark, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.EditorFor(model => model.mark, new { htmlAttributes = new { @class = "form-control" } })

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.picture, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.TextBoxFor(model => model.pictureFile, new { @class = "form-control", type = "file" })

</div>

</div>

<div>

<div>

@Html.ActionLink("Add More", "", null, new { id = "addmore" })

</div>

<div id="con">

@Html.Action("AddCourse", "Student")

</div>

</div>

<div class="form-group">

<div class="col-md-offset-2 col-md-10">

<input type="submit" value="Create" class="btn btn-default" />

</div>

</div>

</div>

}

<div>

@Html.ActionLink("Back to List", "Index")

</div>

//script code

<script type="text/javascript">

$(document).ready(() => {

$("#addmore").click((e) => {

e.preventDefault();

$.ajax({

url: "/Student/AddCourse",

type: "get",

success: (d) => {

$("#con").append(d);

}

});

});

$(document).on("click", "#remove", (e) => {

e.preventDefault();

$(e.currentTarget).closest("#rc").remove();

})

})

</script>

//EDID CODE4

@model crudApp.Models.student

@{

ViewBag.Title = "Edit";

}

<h2>Edit</h2>

@using (Html.BeginForm("Edit", "Student", FormMethod.Post, new { enctype = "multipart/form-data" }))

{

@Html.AntiForgeryToken();

<div class="form-horizontal">

<h4>student</h4>

<hr />

@Html.HiddenFor(model => model.sid)

<div class="form-group">

@Html.LabelFor(model => model.sname, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.EditorFor(model => model.sname, new { htmlAttributes = new { @class = "form-control" } })

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.age, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.TextBox("age",Model.age?.ToString("yyyy-MM-dd"), new { @class = "form-control", type = "date" })

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.ismorning, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

<div class="checkbox">

@Html.CheckBoxFor(model => model.ismorning)

</div>

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.mark, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.EditorFor(model => model.mark, new { htmlAttributes = new { @class = "form-control" } })

</div>

</div>

<div class="form-group">

@Html.LabelFor(model => model.picture, htmlAttributes: new { @class = "control-label col-md-2" })

<div class="col-md-10">

@Html.TextBoxFor(model => model.pictureFile, new { @class = "form-control", type = "file" })

<img src="@Model.picture" width="70", height="70" />

</div>

</div>

<div>

<div>

@Html.ActionLink("Add More", "", null, new { id = "addmore" })

</div>

<div id="con">

@Html.Action("AddCourse", "Student")

</div>

</div>

<div class="form-group">

<div class="col-md-offset-2 col-md-10">

<input type="submit" value="Save" class="btn btn-default" />

</div>

</div>

</div>

}

<div>

@Html.ActionLink("Back to List", "Index")

</div>