using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using WebApplication61.Models;

namespace WebApplication61.Controllers

{

public class ItemController : Controller

{

ItemDBContext db = new ItemDBContext();

// GET: Item

// CRUD

public ActionResult Index()

{

return View(db.Items.ToList());

}

public ActionResult GetStudentById(int? id)

{

Item item=null;

if (id==null)

{

ViewBag.msg = "ID not provided";

}

else

{

item = (db.Items.Find(id));

}

return View(item);

}

}

}

@model WebApplication61.Models.Item

@{

ViewBag.Title = "GetStudentById";

Layout = "~/Views/Shared/\_Layout.cshtml";

}

<h2>GetStudentById</h2>

@{ if (ViewBag.msg != null || Model == null)

{

@ViewBag.msg

<script>alert("There is no Record");</script>

}

else

{

<div>

<h4>Item</h4>

<hr />

<dl class="dl-horizontal">

<dt>

@Html.DisplayNameFor(model => model.ItemName)

</dt>

<dd>

@Html.DisplayFor(model => model.ItemName)

</dd>

<dt>

@Html.DisplayNameFor(model => model.Quantity)

</dt>

<dd>

@Html.DisplayFor(model => model.Quantity)

</dd>

<dt>

@Html.DisplayNameFor(model => model.VendorName)

</dt>

<dd>

@Html.DisplayFor(model => model.VendorName)

</dd>

</dl>

</div>

<p>

@Html.ActionLink("Edit", "Edit", new { id = Model.Id }) |

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

</p>

}

}

Compete Controller with all CRUD operations

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if (id==null)

{

ViewBag.msg = "ID not provided";

}

else

{

item = (db.Items.Find(id));

}

return View(item);

}

public ActionResult Create()

{

Item item = new Item();

return View();

}

[HttpPost]

public ActionResult Create(Item item)

{

db.Items.Add(item);

db.SaveChanges();

return RedirectToAction("Index");

}

public ActionResult Edit(int? id)

{

Item item = null;

if (id != null)

{

item = db.Items.Find(id);

}

return View(item);

}

[HttpPost]

public ActionResult Edit (int? id,Item item)

{

//var rl = (from x in db.Items

// where x.Id == id

// select x).ToList();

//db.Items.Where(x=>x.Id== id).ToList();

var list = db.Items.Where(x=>x.Id== id).ToList();

list.ForEach( x =>{

x.ItemName = item.ItemName;

x.Quantity = item.Quantity;

x.VendorName = item.VendorName;

} );

db.SaveChanges();

return RedirectToAction("Index");

}

public ActionResult Delete (int? id)

{

Item item = null;

if (id != null)

{

item = db.Items.Find(id);

}

return View(item);

}

[HttpPost]

public ActionResult Delete(Item item )

{

db.Items.Remove(item);

db.SaveChanges();

return RedirectToAction("Index");

}

}

}