public class ProductController : Controller

{

ProductData productData;

DataContext dataContext;

IMapper mapper;

public ProductController(ProductData productData, DataContext dataContext, IMapper mapper)

{

this.productData = productData;

this.dataContext = dataContext;

this.mapper = mapper;

}

[HttpGet]

//public IActionResult Index()

//{

// List<ProductModel> products = productData.ProductList;

// return View(products);

//}

//public IActionResult Index()

//{

// //List<ProductModel> products = new List<ProductModel>();

// ////List<Product> productss = dataContext.Products.ToList();

// //List<Product> productss = dataContext.Products.Include(p => p.Type).ToList();

// //foreach ( var item in productss)

// //{

// // products.Add(mapper.Map<ProductModel>(item));

// //}

// //return View(products);

// var listProduct = dataContext.Products.Include(m => m.Type);

// return View();

//}

public IActionResult Index()

{

List<ProductModel> products = new List<ProductModel>();

List<Product> productss = dataContext.Products.Include(m => m.Type).ToList();

foreach (var item in productss)

{

ProductModel p = new ProductModel()

{

ProductId = item.ProductId,

ProductImage = item.ProductImage,

ProductName = item.ProductName,

ProducQuantity = item.ProducQuantity,

ProductPrice = item.ProductPrice,

};

products.Add(p);

}

return View(products);

}

[HttpGet]

public IActionResult Add()

{

ProductModel productModel = new ProductModel();

return View(productModel);

}

[HttpPost]

public IActionResult Add(ProductModel productModel, IFormFile photo)

{

if (ModelState.IsValid)

{

ProductModel newProduct = new ProductModel();

if (photo == null || photo.Length == 0)

{

newProduct.ProductImage = "abc.png";

}

else

{

var path = Path.Combine(Directory.GetCurrentDirectory(), "wwwroot/image", photo.FileName);

var stream = new FileStream(path, FileMode.Create);

photo.CopyToAsync(stream);

newProduct.ProductImage = photo.FileName;

}

newProduct.ProductName = productModel.ProductName;

newProduct.ProducQuantity = productModel.ProducQuantity;

newProduct.Tacgia = productModel.Tacgia;

newProduct.NXB = productModel.NXB;

newProduct.Nhacungcap = productModel.Nhacungcap;

newProduct.ProductPrice = productModel.ProductPrice;

newProduct.Description = productModel.Description;

//productData.ProductList.Add(newProduct);

Product p = new Product()

{

ProductName = newProduct.ProductName,

ProducQuantity = newProduct.ProducQuantity,

Tacgia = newProduct.Tacgia,

NXB = newProduct.NXB,

Nhacungcap = newProduct.Nhacungcap,

ProductPrice = newProduct.ProductPrice,

ProductImage = newProduct.ProductImage,

Description = newProduct.Description

};

dataContext.Products.Add(p);

dataContext.SaveChanges();

return RedirectToAction("Index", "Product");

}

else

{

return View(productModel);

}

}

[HttpGet]

public IActionResult Edit(int id)

{

Product product = dataContext.Products.FirstOrDefault(p => p.ProductId == id);

ProductModel oldProduct = new ProductModel()

{

ProductId = product.ProductId,

ProductName = product.ProductName,

ProducQuantity = product.ProducQuantity,

Tacgia = product.Tacgia,

NXB = product.NXB,

Nhacungcap = product.Nhacungcap,

ProductPrice = product.ProductPrice,

ProductImage = product.ProductImage,

Description = product.Description

};

return View(oldProduct);

}

[HttpPost]

public IActionResult Edit(int id, ProductModel productModel)

{

if (ModelState.IsValid)

{

//ProductModel oldProduct = productData.ProductList.FirstOrDefault(p => p.ProductId == id);

//oldProduct.ProductName = productModel.ProductName;

//oldProduct.ProducQuantity = productModel.ProducQuantity;

//oldProduct.Tacgia = productModel.Tacgia;

//oldProduct.NXB = productModel.NXB;

//oldProduct.Nhacungcap = productModel.Nhacungcap;

//oldProduct.ProductPrice = productModel.ProductPrice;

//oldProduct.Description = productModel.Description;

//oldProduct.ProductImage = productModel.ProductImage;

Product p = dataContext.Products.FirstOrDefault(p => p.ProductId == id);

p.ProductName = productModel.ProductName;

p.ProducQuantity = productModel.ProducQuantity;

p.Tacgia = productModel.Tacgia;

p.NXB = productModel.NXB;

p.Nhacungcap = productModel.Nhacungcap;

p.ProductPrice = productModel.ProductPrice;

p.ProductImage = productModel.ProductImage;

p.Description = productModel.Description;

dataContext.SaveChanges();

ViewBag.Status = 1;

}

return View(productModel);

}

public IActionResult Delete(int id)

{

//ProductModel oldProduct = productData.ProductList.FirstOrDefault(p => p.ProductId == id);

Product product = dataContext.Products.FirstOrDefault(p => p.ProductId == id);

ProductModel oldProduct = new ProductModel()

{

ProductId = product.ProductId,

ProductName=product.ProductName,

Tacgia=product.Tacgia,

NXB=product.NXB

};

return View(oldProduct);

}

[HttpPost, ActionName("Delete")]

public IActionResult DeleteConfirmed(int id)

{

//productData.ProductList.RemoveAll(p => p.ProductId == id);

Product product = dataContext.Products.FirstOrDefault(p => p.ProductId == id);

dataContext.Products.Remove(product);

dataContext.SaveChanges();

return RedirectToAction("Index", "Product");

}

}

}

Add.cshtml

@{

ViewData["Title"] = "Add";

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

}

@model BookStoreWeb.Models.ProductModel

<h1>Thêm Sản Phẩm Mới</h1>

<div class="row">

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

<form asp-action="Add" asp-controller="Product" method="post" enctype="multipart/form-data">

<div class="form-group row">

<label asp-for="ProductName" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input asp-for="ProductName" class="form-control" />

</div>

<span asp-validation-for="ProductName" class="text-danger"></span>

</div>

<div class="form-group row">

<label asp-for="ProducQuantity" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input asp-for="ProducQuantity" class="form-control" />

</div>

<span asp-validation-for="ProducQuantity" class="text-danger"></span>

</div>

<div class="form-group row">

<label asp-for="Tacgia" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input asp-for="Tacgia" class="form-control" />

</div>

<span asp-validation-for="Tacgia" class="text-danger"></span>

</div>

<div class="form-group row">

<label asp-for="NXB" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input asp-for="NXB" class="form-control" />

</div>

<span asp-validation-for="NXB" class="text-danger"></span>

</div>

<div class="form-group row">

<label asp-for="Nhacungcap" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input asp-for="Nhacungcap" class="form-control" />

</div>

<span asp-validation-for="Nhacungcap" class="text-danger"></span>

</div>

<div class="form-group row">

<label asp-for="ProductPrice" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input asp-for="ProductPrice" class="form-control" />

</div>

<span asp-validation-for="ProductPrice" class="text-danger"></span>

</div>

<div class="form-group row">

<label asp-for="Description" class="col-sm-3 col-form-label"></label>

<div class="col-sm-6">

<input type="text" asp-for="Description" class="form-control" />

</div>

<span asp-validation-for="Description" class="text-danger"></span>

</div>

<div class="form-group row">

<label class="col-sm-3 col-form-label">Hình Ảnh</label>

<div class="col-sm-6">

<input type="file" name="photo" class="form-control" />

</div>

</div>

<div class="form-group">

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

</div>

<a asp-action="Index">Back to List</a>

</form>

</div>

</div>

Edit.cs

@{

ViewData["Title"] = "Edit";

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

}

@model BookStoreWeb.Models.ProductModel

<h1>Chỉnh Sửa</h1>

<div class="row">

<div class="col-md-4">

<form asp-action="Edit">

<div asp-validation-summary="ModelOnly" class="text-danger"></div>

<div class="form-group" hidden>

<label asp-for="ProductId" class="control-label"></label>

<input asp-for="ProductId" class="form-control" />

<span asp-validation-for="ProductId" class="text-danger"></span>

</div>

<div class="form-group">

<label asp-for="ProductName" class="control-label"></label>

<input asp-for="ProductName" class="form-control" />

<span asp-validation-for="ProductName" class="text-danger"></span>

</div>

<div class="form-group">

<label asp-for="ProducQuantity" class="control-label"></label>

<input asp-for="ProducQuantity" class="form-control" />

<span asp-validation-for="ProducQuantity" class="text-danger"></span>

</div>

<div class="form-group">

<label asp-for="Tacgia" class="control-label"></label>

<input asp-for="Tacgia" class="form-control" />

<span asp-validation-for="Tacgia" class="text-danger"></span>

</div>

<div class="form-group">

<label asp-for="NXB" class="control-label"></label>

<input asp-for="NXB" class="form-control" />

<span asp-validation-for="NXB" class="text-danger"></span>

</div>

<div class="form-group">

<label asp-for="Nhacungcap" class="control-label"></label>

<input asp-for="Nhacungcap" class="form-control" />

<span asp-validation-for="Nhacungcap" class="text-danger"></span>

</div>

<div class="form-group">

<label asp-for="ProductPrice" class="control-label"></label>

<input asp-for="ProductPrice" class="form-control" />

<span asp-validation-for="ProductPrice" class="text-danger"></span>

</div>

<div class="form-group">

<label class="control-label">Hình Ảnh</label>

<input type="file" name="photo" class="form-control" />

@\*<span asp-validation-for="ProductImage" class="text-danger"></span>\*@

</div>

<div class="form-group">

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

</div>

@if (ViewBag.Status == 1)

{<p class="text-warning">SỬA DỮ LIỆU THÀNH CÔNG </p>}

</form>

</div>

</div>

<div>

<a asp-action="Index">Trở Về</a>

</div>

Delete.cs

@{

ViewData["Title"] = "Delete";

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

}

@model BookStoreWeb.Models.ProductModel

<h3>BẠN CÓ CHẮC MUỐN XÓA SẢN PHẨM KHÔNG ?</h3>

<div>

<dl class="row">

@\*<dt class="col-sm-2">

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

</dt>

<dd class="col-sm-10">

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

</dd>\*@

<dt class="col-sm-2">

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

</dt>

<dd class="col-sm-10">

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

</dd>

<dt class="col-sm-2">

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

</dt>

<dd class="col-sm-10">

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

</dd>

<dt class="col-sm-2">

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

</dt>

<dd class="col-sm-10">

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

</dd>

</dl>

<form asp-action="Delete">

<input type="hidden" asp-for="ProductId" />

<input type="submit" value="Delete" class="btn btn-danger" /> |

<a asp-action="Index">Trở Về</a>

</form>

</div>

Index.cshtml

<!DOCTYPE html>

<html lang="en">

@{

ViewData["Title"] = "Index";

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

}

@model List<ProductModel>

<h3>Danh Sách Sản Phẩm : @Model.Count</h3>

<p><a class="btn btn-primary" asp-controller="Product" asp-action="Add">Add</a></p>

<table class="table table-bordered table-striped">

<thead>

<tr style=" font-size: 18px" class="table-primary">

<td>Id</td>

<td>Tên Sách</td>

<td>Số Lượng</td>

<td>Tác Giả</td>

<td>NXB</td>

<td>Nhà Cung Cấp</td>

<td>Giá Tiền</td>

<td>Hình Ảnh</td>

<td></td>

</tr>

</thead>

<tbody>

@foreach (var item in Model)

{

<tr>

<td>@item.ProductId</td>

<td>@item.ProductName</td>

<td>@item.ProducQuantity</td>

<td>@item.Tacgia</td>

<td>@item.NXB</td>

<td>@item.Nhacungcap</td>

<td>@item.ProductPrice</td>

<td><img src="~/image/@item.ProductImage" class="img-thumbnail" width="100px" height="100px" /></td>

<td>

<a class="btn btn-outline-info" aspcontroller="Product" asp-action="Edit" asp-route-id="@item.ProductId">Edit</a>

<a class="btn btn-outline-danger" aspcontroller="Product" asp-action="Delete" asp-route-id="@item.ProductId">Delete</a>

</td>

</tr>

}

</tbody>

</table>