SOURCE Code:

OrderController:

using BAL;

using DAL;

using LaptopSell.Models;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using static DAL.DALL;

namespace LaptopSell.Controllers

{

public class OrderController : Controller

{

// GET: Order

loginmethods ls = null;

DALL ms = null;

ordermethods os = null;

public OrderController()

{

ls = new loginmethods();

ms = new DALL();

os = new ordermethods();

}

public ActionResult Login()

{

return View();

}

[HttpPost]

public ActionResult Login(FormCollection collection)

{

logintable t = new logintable();

t.customerid = Convert.ToInt32(Request["custid"]);

t.customername = Request["custname"].ToString();

TempData["Cid"] = t.customerid;

bool k = ls.checklogin(t);

if (k)

{

return RedirectToAction("Laplist");

}

else

{

return RedirectToAction("SignUp");

}

}

public ActionResult SignUp()

{

return View();

}

[HttpPost]

public ActionResult SignUp(FormCollection c)

{

logintable t = new logintable();

t.customerid = Convert.ToInt32(Request["custid"]);

t.customername = Request["custname"].ToString();

bool k = ls.addlogin(t);

if (k)

{

return RedirectToAction("Login");

}

else

{

return View();

}

}

public ActionResult LapList()

{

List<lapbrand> mt = ms.listallbrands();

List<lapmodel> tm = new List<lapmodel>();

foreach (var item in mt)

{

tm.Add(new lapmodel

{

lapid = item.brandid,

lapname = item.brandname

});

}

return View(tm);

}

public ActionResult Previousorders()

{

int k = Convert.ToInt32(TempData["Cid"]);

TempData["Cid"] = k;

List<ordermodel> lt = new List<ordermodel>();

List<placedorder> lm = os.listbycustid(k);

foreach (var item in lm)

{

ordermodel k1 = new ordermodel();

k1.orderid = Convert.ToInt32(item.issueid);

k1.lapid = Convert.ToInt32(item.brandid);

k1.custid = Convert.ToInt32(item.customerid);

k1.orderdate = Convert.ToDateTime(item.orderdate);

if (item.receiveddate != null)

{

k1.receivedate = Convert.ToDateTime(item.receiveddate);

}

else

{

k1.receivedate = null;

}

k1.comments = item.comments;

lt.Add(k1);

}

return View(lt);

}

public ActionResult AddtoCart(int id)

{

ordermodel m = new ordermodel();

m.custid = Convert.ToInt32(TempData["Cid"]);

TempData["Cid"] = m.custid;

m.lapid = id;

return View(m);

}

[HttpPost]

public ActionResult AddtoCart(FormCollection c)

{

placedorder m = new placedorder();

m.issueid = Convert.ToInt32(Request["orderid"]);

m.customerid = Convert.ToInt32(Request["custid"]);

m.brandid = Convert.ToInt32(Request["lapid"]);

m.orderdate = Convert.ToDateTime(Request["orderdate"]);

if (Request["receivedate"] == "")

{

m.receiveddate = null;

}

else

{

m.receiveddate = Convert.ToDateTime(Request["receivedate"]);

}

m.comments = Request["comments"].ToString();

bool k = os.addorder(m);

if (k)

{

return RedirectToAction("Previousorders");

}

else

{

return View();

}

}

public ActionResult Delete(int id)

{

bool k = os.removeorder(id);

return RedirectToAction("Previousorders");

}

}

}

Models:

Lapmodel.cs

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Web;

namespace LaptopSell.Models

{

public class lapmodel

{

[Required()]

public int lapid

{

get;

set;

}

[MaxLength(20, ErrorMessage = "Maximum 20 characters")]

public string lapname

{

get;

set;

}

}

}

Loginmodel.cs:

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Web;

namespace LaptopSell.Models

{

public class loginmodel

{

[Required()]

public int custid

{

get;

set;

}

[MaxLength(20, ErrorMessage = "Max words should be 20")]

public string custname

{

get;

set;

}

}

}

Ordermodel.cs:

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Web;

namespace LaptopSell.Models

{

public class ordermodel

{

[Required()]

public int orderid

{

get;

set;

}

public int custid

{

get;

set;

}

public int lapid

{

get;

set;

}

[DataType(DataType.DateTime)]

public DateTime orderdate

{

get;

set;

}

[DataType(DataType.DateTime)]

public DateTime? receivedate

{

get;

set;

}

public string comments

{

get;

set;

}

}

}

SQL Commands:

create database LapStores

use LapStores

create table lapbrands(

brandid int constraint pk\_brands primary key,

brandname varchar(20))

create table logintable(

customerid int constraint pk\_login primary key,

customername varchar(30))

create table placedorders(

issueid int constraint pk\_placedorders primary key,

customerid int constraint fk\_logintable foreign key references logintable(customerid),

brandid int constraint fk\_lapbrands foreign key references lapbrands(brandid),

orderdate date,

receiveddate date,

comments varchar(20)

)

insert into lapbrands values(101,'HP')

insert into lapbrands values(102,'DELL')

insert into lapbrands values(103,'APPLE')

insert into lapbrands values(104,'ASUS')