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using ACTSPaperWithoutEntity.Models;
using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.Mvc;

namespace ACTSPaperWithoutEntity.Controllers
{
    public class BookController : Controller
    {
        // GET: Book
        public ActionResult Index()
        {
            return View();
        }

        // GET: Book/Details/5
        public ActionResult Details(int id)
        {
            SqlConnection cn = new SqlConnection();
            cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
            Catalog=JkJan22;Integrated Security=True";
            cn.Open();

            SqlCommand cmd = new SqlCommand();
            cmd.Connection = cn;
            cmd.CommandType = System.Data.CommandType.Text;
            cmd.CommandText = "select * from tbl_books where BookID=" + id;
            BookModel book;
            try
            {
                SqlDataReader dr = cmd.ExecuteReader();
                dr.Read();
                book = new BookModel { BookName = dr["BookName"].ToString(), BookAuthor =
                dr["BookAuthor"].ToString(), BookPrice = (decimal)dr["BookPrice"] };
                return View(book);
            }
            catch (Exception ex)
            {
                Console.WriteLine(ex.Message);
                return View();
            }
            cn.Close();
        }

        public ActionResult ShowBooks()
        {
            SqlConnection cn = new SqlConnection();
            cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
            Catalog=JkJan22;Integrated Security=True";
            cn.Open();

            SqlCommand cmdInsert = new SqlCommand();
            cmdInsert.Connection = cn;
            cmdInsert.CommandType = System.Data.CommandType.Text;
            cmdInsert.CommandText = "select * from tbl_books ";
            List<BookModel> books = new List<BookModel>();
            try
            {
                SqlDataReader dr = cmdInsert.ExecuteReader();
                while (dr.Read())
                {
                    books.Add(new BookModel {BookID =(int) dr["BookID"], BookName =
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        dr["BookName"].ToString(), BookAuthor = dr["BookAuthor"].ToString(),
        BookPrice = (decimal)dr["BookPrice"] });
    }
    dr.Close();

}

catch (Exception ex)
{

    Console.WriteLine(ex.Message);
}
cn.Close();
return View(books);
}

// GET: Book/Create
public ActionResult AddBook()
{
    return View();
}

// POST: Book/Create
[HttpPost]
public ActionResult AddBook(BookModel book)
{
    try
    {
        SqlConnection cn = new SqlConnection();
        cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
        Catalog=JkJan22;Integrated Security=True";
        cn.Open();
        SqlCommand cmdInsert = new SqlCommand();
        cmdInsert.Connection = cn;
        cmdInsert.CommandType = System.Data.CommandType.Text;
        cmdInsert.CommandText = "insert into
        tbl_books (BookName,BookAuthor,BookPrice)
        values (@BookName,@BookAuthor,@BookPrice) ";

        cmdInsert.Parameters.AddWithValue("@BookName", book.BookName);
        cmdInsert.Parameters.AddWithValue("@BookAuthor", book.BookAuthor);
        cmdInsert.Parameters.AddWithValue("@BookPrice", book.BookPrice);
        cmdInsert.ExecuteNonQuery();
        cn.Close();

        return RedirectToAction("ShowBooks");
    }
    catch
    {
        return View();
    }
}

// GET: Book/Edit/5
public ActionResult Edit(int id)
{
    SqlConnection cn = new SqlConnection();
    cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
    Catalog=JkJan22;Integrated Security=True";
    cn.Open();

    SqlCommand cmd = new SqlCommand();
    cmd.Connection = cn;
    cmd.CommandType = System.Data.CommandType.Text;
    cmd.CommandText = "select * from tbl_books where BookID=" + id;
    BookModel book;
    try
    {

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        SqlDataReader dr = cmd.ExecuteReader();
        dr.Read();
        book = new BookModel { BookID = (int) dr["BookID"], BookName =
        dr["BookName"].ToString(), BookAuthor = dr["BookAuthor"].ToString(),
        BookPrice = (decimal) dr["BookPrice"] };
        return View(book);
    }
    catch (Exception ex)
    {
        Console.WriteLine(ex.Message);
        return View();
    }
    cn.Close();
}

// POST: Book/Edit/5
[HttpPost]
public ActionResult Edit(int id, BookModel book)
{
    SqlConnection cn = new SqlConnection();
    cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
    Catalog=JkJan22;Integrated Security=True";
    cn.Open();

    SqlCommand cmd = new SqlCommand();
    cmd.Connection = cn;
    cmd.CommandType = System.Data.CommandType.Text;
    cmd.CommandText = "update tbl_books set BookName = @BookName, BookAuthor =
    @BookAuthor, BookPrice=@BookPrice where BookID=@BookID";
    cmd.Parameters.AddWithValue("@BookID", id);
    cmd.Parameters.AddWithValue("@BookName", book.BookName);
    cmd.Parameters.AddWithValue("@BookAuthor", book.BookAuthor);
    cmd.Parameters.AddWithValue("@BookPrice", book.BookPrice);
    SqlDataReader dr = cmd.ExecuteReader();

    try
    {
        dr.Read();

        return RedirectToAction("ShowBooks");
    }
    catch (Exception ex)
    {
        Console.WriteLine(ex.Message);
        return View();
    }
}

// GET: Book/Delete/5
public ActionResult Delete(int id)
{
    SqlConnection cn = new SqlConnection();
    cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
    Catalog=JkJan22;Integrated Security=True";
    cn.Open();

    SqlCommand cmd = new SqlCommand();
    cmd.Connection = cn;
    cmd.CommandType = System.Data.CommandType.Text;
    cmd.CommandText = "select * from tbl_books where BookID=" + id;
    BookModel book;
    try
    {
        SqlDataReader dr = cmd.ExecuteReader();
        dr.Read();
        book = new BookModel { BookID = (int) dr["BookID"], BookName =
        dr["BookName"].ToString(), BookAuthor = dr["BookAuthor"].ToString(),
        BookPrice = (decimal) dr["BookPrice"] };
        return View(book);
    }
}

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```
    }
    catch (Exception ex)
    {
        Console.WriteLine(ex.Message);
        return View();
    }
    cn.Close();
}

// POST: Book/Delete/5
[HttpPost]
public ActionResult Delete(int id, FormCollection collection)
{
    try
    {
        SqlConnection cn = new SqlConnection();
        cn.ConnectionString = @"Data Source=(localdb)\MSSQLLocalDB;Initial
        Catalog=JkJan22;Integrated Security=True";
        cn.Open();

        SqlCommand cmd = new SqlCommand();
        cmd.Connection = cn;
        cmd.CommandType = System.Data.CommandType.Text;
        cmd.CommandText = "delete from tbl_books where BookID=" + id;

        SqlDataReader dr = cmd.ExecuteReader();

        return RedirectToAction("ShowBooks");
    }
    catch
    {
        return View();
    }
}
}
```