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using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using ProjectFeb6Mvc.Models;

namespace ProjectFeb6Mvc.Controllers
{
    public class ClassesController : Controller
    {
        private SchoolEntities db = new SchoolEntities();

        // GET: Classes
        public ActionResult Index()
        {
            return View(db.Classes.ToList());
        }

        // GET: Classes/Details/5
        public ActionResult Details(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Class @class = db.Classes.Find(id);
            if (@class == null)
            {
                return HttpNotFound();
            }
            return View(@class);
        }

        // GET: Classes/Create
        public ActionResult Create()
        {
            return View(new Class());
        }

        // POST: Classes/Create
        // To protect from overposting attacks, enable the specific properties you
        want to bind to, for
        // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
        [HttpPost]
        [ValidateAntiForgeryToken]
        public ActionResult Create([Bind(Include = "id,name")] Class @class)
        {
            if (ModelState.IsValid)
            {
                db.Classes.Add(@class);
                db.SaveChanges();
                return RedirectToAction("Index");
            }

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        return View(@class);
    }

    // GET: Classes/Edit/5
    public ActionResult Edit(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Class @class = db.Classes.Find(id);
        if (@class == null)
        {
            return HttpNotFound();
        }
        return View(@class);
    }

    // POST: Classes/Edit/5
    // To protect from overposting attacks, enable the specific properties you
    want to bind to, for
    // more details see https://go.microsoft.com/fwlink/?LinkId=317598.
    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Edit([Bind(Include = "id,name")] Class @class)
    {
        if (ModelState.IsValid)
        {
            db.Entry(@class).State = EntityState.Modified;
            db.SaveChanges();
            return RedirectToAction("Index");
        }
        return View(@class);
    }

    // GET: Classes/Delete/5
    public ActionResult Delete(int? id)
    {
        if (id == null)
        {
            return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
        }
        Class @class = db.Classes.Find(id);
        if (@class == null)
        {
            return HttpNotFound();
        }
        return View(@class);
    }

    // POST: Classes/Delete/5
    [HttpPost, ActionName("Delete")]
    [ValidateAntiForgeryToken]
    public ActionResult DeleteConfirmed(int id)
    {
        Class @class = db.Classes.Find(id);
        db.Classes.Remove(@class);
        db.SaveChanges();
    }

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        return RedirectToAction("Index");
    }

    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
}
}
```