

Source Code

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using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using Microsoft.AspNetCore.Http;
using Microsoft.AspNetCore.Mvc;
using Microsoft.EntityFrameworkCore;
using EMS_Full_Stack.Data;
using EMS_Full_Stack.Models;

namespace EMS_Full_Stack.Controllers
{
    [Route("api/[controller]")]
    [ApiController]
    public class EmpProfilesController : ControllerBase
    {
        private readonly EMS_Full_StackContext _context;

        public EmpProfilesController(EMS_Full_StackContext context)
        {
            _context = context;
        }

        // GET: api/EmpProfiles
        [HttpGet]
        public async Task<ActionResult<IEnumerable<EmpProfile>>> GetEmpProfile()
        {
            if (_context.EmpProfile == null)
            {
                return NotFound();
            }
            return await _context.EmpProfile.ToListAsync();
        }

        // GET: api/EmpProfiles/5
        [HttpGet("{id}")]
        public async Task<ActionResult<EmpProfile>> GetEmpProfile(int id)
        {
            if (_context.EmpProfile == null)
            {
                return NotFound();
            }
            var empProfile = await _context.EmpProfile.FindAsync(id);

            if (empProfile == null)
            {
                return NotFound();
            }

            return empProfile;
        }

        // PUT: api/EmpProfiles/5
        // To protect from overposting attacks, see
https://go.microsoft.com/fwlink/?linkid=2123754
        [HttpPut("{id}")]
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        public async Task<IActionResult> PutEmpProfile(int id, EmpProfile
empProfile)
        {
            if (id != empProfile.EmpCode)
            {
                return BadRequest();
            }

            _context.Entry(empProfile).State = EntityState.Modified;

            try
            {
                await _context.SaveChangesAsync();
            }
            catch (DbUpdateConcurrencyException)
            {
                if (!EmpProfileExists(id))
                {
                    return NotFound();
                }
                else
                {
                    throw;
                }
            }

            return NoContent();
        }

        // POST: api/EmpProfiles
        // To protect from overposting attacks, see
https://go.microsoft.com/fwlink/?linkid=2123754
        [HttpPost]
        public async Task<ActionResult<EmpProfile>> PostEmpProfile(EmpProfile
empProfile)
        {
            if (_context.EmpProfile == null)
            {
                return Problem("Entity set 'EMS_Full_StackContext.EmpProfile' is
null.");
            }
            _context.EmpProfile.Add(empProfile);
            await _context.SaveChangesAsync();

            return CreatedAtAction("GetEmpProfile", new { id = empProfile.EmpCode },
empProfile);
        }

        // DELETE: api/EmpProfiles/5
        [HttpDelete("{id}")]
        public async Task<IActionResult> DeleteEmpProfile(int id)
        {
            if (_context.EmpProfile == null)
            {
                return NotFound();
            }
            var empProfile = await _context.EmpProfile.FindAsync(id);
            if (empProfile == null)

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        {
            return NotFound();
        }

        _context.EmpProfile.Remove(empProfile);
        await _context.SaveChangesAsync();

        return NoContent();
    }

    private bool EmpProfileExists(int id)
    {
        return (_context.EmpProfile?.Any(e => e.EmpCode ==
id)).GetValueOrDefault();
    }
}
```