

Oefening Route definities in Web API

We starten vanaf deze code:

<https://github.com/CSharpSyntraWest/StudentSubjects7>

Open `CourseSubjectsController.cs` en voeg de volgende code toe en zet de volgende Route attributen:

```
using Contracts;
using Entities.Models;
using Microsoft.AspNetCore.Http;
using Microsoft.AspNetCore.Mvc;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;

namespace StudentSubjects.Controllers
{
    [Route("api/coursesubjects")]
    [ApiController]
    public class CourseSubjectsController : ControllerBase
    {
        private readonly IRepositoryManager _repository;
        public CourseSubjectsController(IRepositoryManager repository)
        {
            _repository = repository;
        }

        [HttpGet] // GET /api/coursesubjects
        public IActionResult GetCourseSubjects()
        {
            var courseSubjects =
            _repository.CourseSubject.GetAllCourseSubjects(false);
            return Ok(courseSubjects);
        }

        [HttpGet("subject/{subjectId}")] // GET api/coursesubjects/subject/xxxxxxxxxxxxx
        public IActionResult CoursesBySubjectId(Guid subjectId)
        {
            var subjectCourses =
            _repository.CourseSubject.GetCoursesBySubjectId(subjectId, false);
            return Ok(subjectCourses);
        }

        [HttpGet("course/{courseId}")] // GET /api/coursesubjects/course/xxxxxxxxxxxxx
        public IActionResult SubjectsByCourseId(Guid courseId)
        {
            var courseSubjects =
            _repository.CourseSubject.GetSubjectsByCourseId(courseId, false);
            return Ok(courseSubjects);
        }
    }
}
```

}

Test met Postman (of Swagger) de volgende urls uit :

`https://localhost:44330/api/coursesubjects`

`https://localhost:44330/api/coursesubjects/subject/80abbca8-664d-4b20-b5de-024705497d4a`

`https://localhost:44330/api/coursesubjects/course/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx`