

# FilmoSearch portal

## Description

Business domain is a film aggregator. Implement the ability to Create, Read, Update and Delete (CRUD op.) the listed resources.

Films can be posted on the portal. Actors can play roles in these films. Additionally, reviews can be left for any film.

Technical tools	Expectations	Advantages**
.NET 7; ASP.NET Web API; C# 11; Entity Framework Core; MS SQL Server OR PostgreSQL; xUnit;	OOP; SOLID; Swagger; Exception Middleware; Logger (Serilog); Dependency Injection; EF Migrations; Many-to-Many relations; Unit Tests;	Docker; GitHub Actions; Integration tests; N-Tier Architecture; Authentication/authorization (based on Auth0 or Octa); Auth based on social providers (for ex. Google); React/Angular/Vue/Blazor;

## Minimum requirements

Models	Endpoints	Relationships
Film (Id, Title, ...); Actor (Id, FirstName, LastName, ...); Review (Id, Title, Description, Stars, ...); ...	Film CRUD op.; Actor CRUD op.; Review CRUD op.; ...	Several actors can play a role in one film; An actor can play roles in several films; Multiple reviews can be placed for one film; ...

\* We expect to receive a link to the public repository with the completed task in GitHub.

\*\* If this task seems simple to you, you can add additional features that are described in the Advantages column.