

.NET Framework and C# - Project work - Group 1

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About The Project

This repository contains the group project for the course **.Net Framework and C#** at the university of applied sciences in Darmstadt, Germany.

The application consists of a backend [WebAPI](#), a frontend [WPF](#) client and a [postgreSQL](#) database for data storage.

Contributors

Student members of project group:

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Lecturer:

- [alaluuk \(Alaluukas, Pekka\)](#)

Built With

This chapter contains a list of all technologies that are being used in this project.

Frameworks

- [.NET 6.0](#) for class library and frontend
- [ASP.NET Core 6.0](#) for backend
- [MSTest](#) for unit testing

Security

- Authorization of WebAPI with [JWT](#)

Services

- [Central postgresql server](#) from [h_da](#) as a database (german documentation)
- [The Movie Database API](#) is used to retrieve initial Media and Series objects and their Streaming Availability

Setup Process

(how to install the application, so that a new developer can start to work)

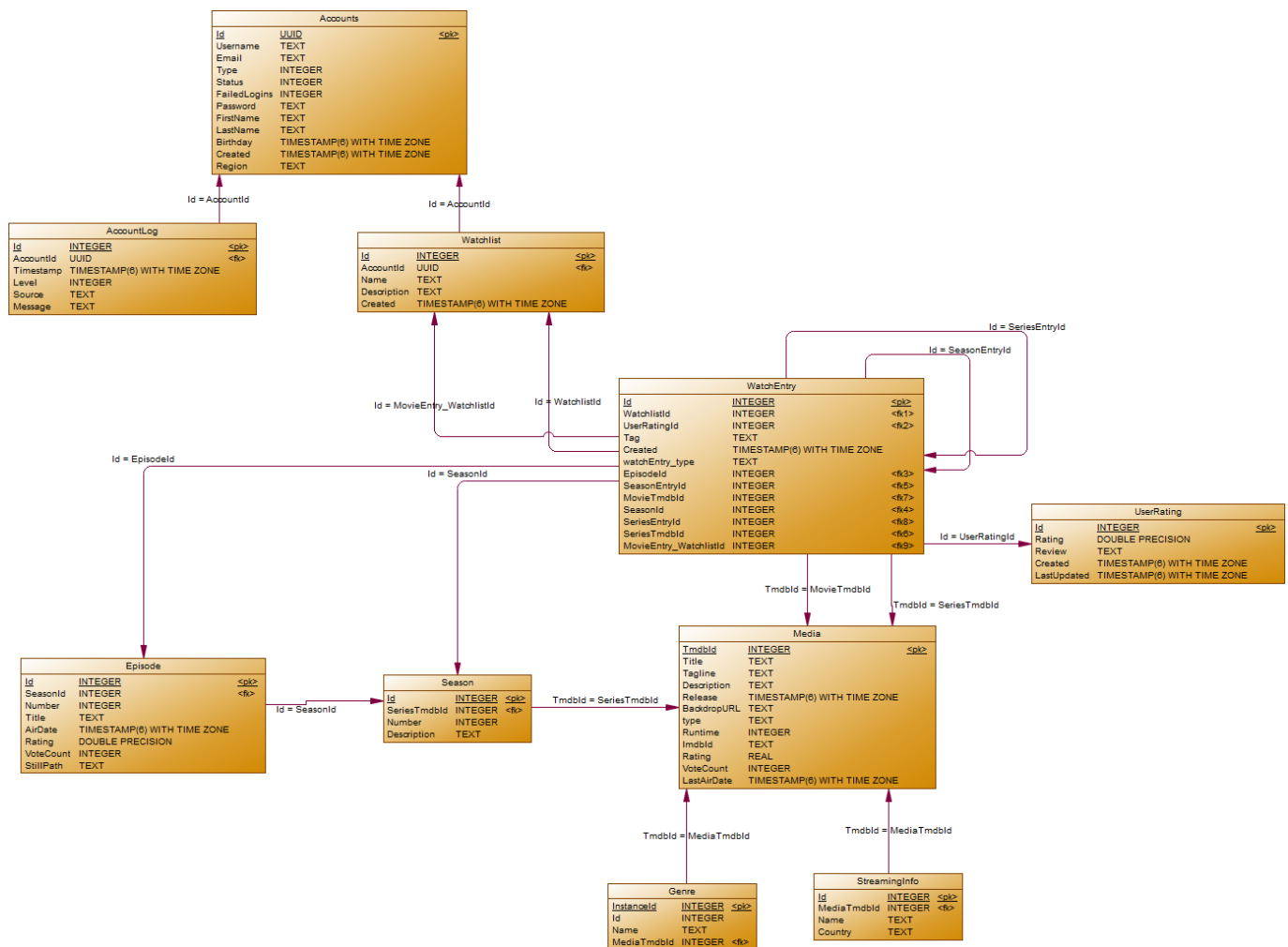
//TODO

Description

The StreamKing Application is used to get Streaming Availability Informations for many Movies & Series in the Regions USA, Germany and Finland. You are also able to save these to your own personal Watchlist which is linked to your Account and is then being saved in our central Database.

ER Model

This is the ER-Model for the PSQL Database, which was created with the help of the SAP PowerDesigner. We didn't use the automatically created versions, e.g. from pgAdmin, because they weren't really readable and we had more freedom with this tool.



Dump File

[SQL Dump File](#) (From: 09.09.2022 00:10 AM) which was created with the pgAdmin PSQL Tool.