







Movie Review Web Application (ASP.NET Core MVC)

Welcome to the **Movie Review Web Application** – a simple yet powerful project built using **ASP.NET Core MVC**, designed to manage and display movie reviews with CRUD operations. Whether you're a student learning ASP.NET or a developer looking to build a similar app, this project offers a great starting point!

Features

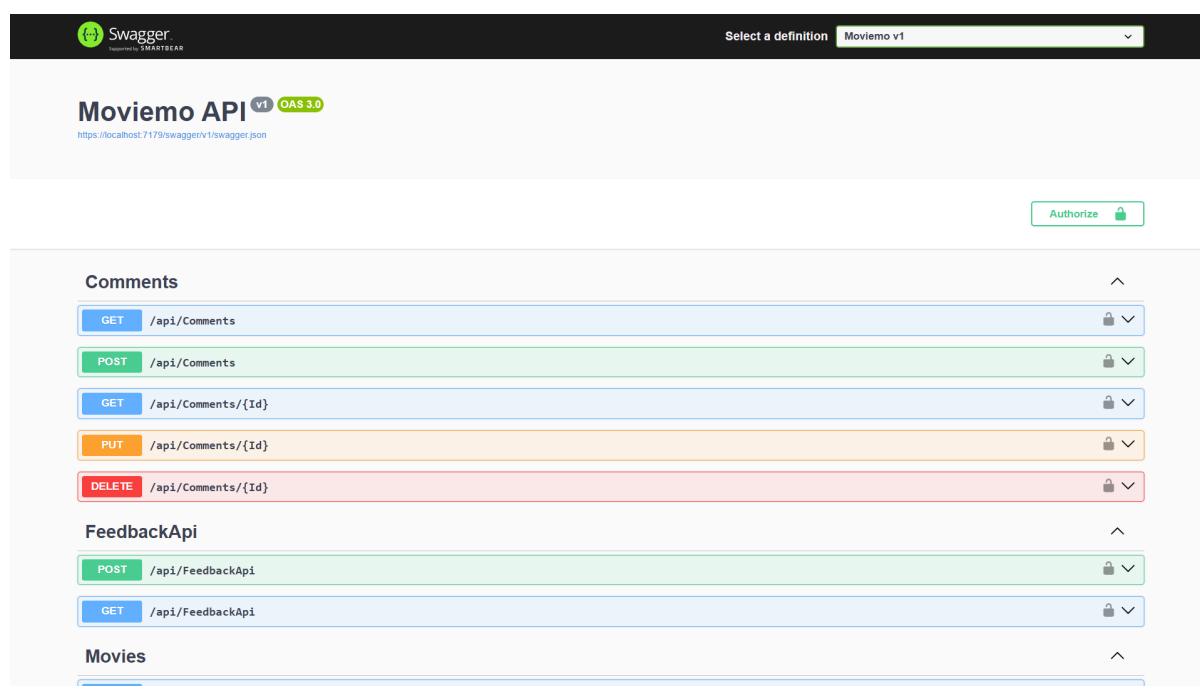
-  **Add, Edit, Delete, and View** movie reviews
-  Store movie title, description, genre, rating, and release date
-  Uses **Entity Framework Core** for data access
-  Clean and responsive UI using **Razor Views** and **Bootstrap**
-  Filtering and search functionality (basic)
-  SQL Server database integration

Tech Stack

- **Framework:** ASP.NET Core MVC
- **Language:** C#
- **ORM:** Entity Framework Core
- **Database:** SQL Server
- **Frontend:** HTML5, CSS3, Bootstrap
- **IDE:** Visual Studio

Screenshots

Screenshots can be added here for better visual context.



| | | | |
|--------------------------|---------------------------------|---|---|
| GET | /api/Movies | 🔒 | ▼ |
| POST | /api/Movies | 🔒 | ▼ |
| GET | /api/Movies/{Id} | 🔒 | ▼ |
| PUT | /api/Movies/{Id} | 🔒 | ▼ |
| DELETE | /api/Movies/{Id} | 🔒 | ▼ |
| GET | /api/Movies/search | 🔒 | ▼ |
| Reports | | | ^ |
| GET | /api/Reports | 🔒 | ▼ |
| POST | /api/Reports | 🔒 | ▼ |
| GET | /api/Reports/{Id} | 🔒 | ▼ |
| PUT | /api/Reports/{Id} | 🔒 | ▼ |
| DELETE | /api/Reports/{Id} | 🔒 | ▼ |
| Reviews | | | ^ |
| GET | /api/Reviews | 🔒 | ▼ |
| POST | /api/Reviews | 🔒 | ▼ |
| GET | /api/Reviews/{Id} | 🔒 | ▼ |
| PUT | /api/Reviews/{Id} | 🔒 | ▼ |
| DELETE | /api/Reviews/{Id} | 🔒 | ▼ |
| Users | | | ^ |
| GET | /api/Users | 🔒 | ▼ |
| POST | /api/Users | 🔒 | ▼ |
| GET | /api/Users/{Id} | 🔒 | ▼ |
| PUT | /api/Users/{Id} | 🔒 | ▼ |
| DELETE | /api/Users/{Id} | 🔒 | ▼ |
| POST | /api/Users/login | 🔒 | ▼ |
| POST | /api/Users/refresh-token | 🔒 | ▼ |
| PUT | /api/Users/{Id}/change-password | 🔒 | ▼ |
| Votes | | | ^ |
| GET | /api/Votes | 🔒 | ▼ |
| POST | /api/Votes | 🔒 | ▼ |
| GET | /api/Votes/{Id} | 🔒 | ▼ |
| PUT | /api/Votes/{Id} | 🔒 | ▼ |
| DELETE | /api/Votes/{Id} | 🔒 | ▼ |
| Schemas | | | ^ |
| ChangePasswordDto > | | | |
| CommentCreateDto > | | | |
| CommentUpdateDto > | | | |
| Feedback > | | | |
| MovieCreateDto > | | | |
| MovieUpdateDto > | | | |
| RefreshTokenRequestDto > | | | |
| ReportCreateDto > | | | |
| ReportUpdateDto > | | | |
| ReviewCreateDto > | | | |



Getting Started

Follow the steps below to get this project up and running on your local machine.

Prerequisites

- [.NET 6 SDK or later](#)
- [Visual Studio 2022 or later](#)
- SQL Server or LocalDB

Installation

1. Clone the repository:

```
git clone https://github.com/saketkharche/movie-review-dotnet-project.git
cd movie-review-dotnet-project
```

2. Update the database connection string

Open `appsettings.json` and configure your SQL Server connection string.

3. Apply Migrations and Create Database:

```
dotnet ef database update
```

4. Run the application:

```
dotnet run
```

5. Open your browser and navigate to <https://localhost:5001> or the specified port.

Project Structure

```
MovieReview/
├─ Controllers/      # MVC Controllers
├─ Models/           # Entity Models
├─ Views/            # Razor Views
├─ Data/             # Database Context
├─ wwwroot/          # Static files
├─ appsettings.json  # Configuration settings
└─ Program.cs        # Entry point
```

☑ Future Improvements

- User authentication and authorization
- User-submitted reviews and comments
- Rating system and review analytics
- Responsive design enhancements

🙌 Acknowledgements

This project was created as part of a learning journey into ASP.NET Core MVC and Entity Framework Core.

📄 License

This project is licensed under the [MIT License](#).

Made with ❤️ by [@saketkharche](#)

Let me know if you'd like to add screenshots, badges, deployment instructions (e.g. Azure), or database diagrams!