**Hollywood Stars 2**

Congratulations! You just advanced to the next stage of the hiring process. The challenge now is to implement Hollywood Stars 2 using modern ASP.NET technologies. In this version the company needs to manage the catalog of co-production movies.

You have been briefed with the following requirements:

* The user should be authenticated by a **login process**.
* **Each company may be assigned to one or more movies**.
* **Each movie may be assigned to one or more companies.**
* The application allows the user **to list all movies assigned to a given company**.
* The user may **remove assigned movies for a given company**.
* **A company cannot be removed if there is any movie association**.
* **A movie cannot be removed if there is any company association**.
* **All fields are required**. Users cannot add or update data with any blank field.
* **The release year field should only accept numbers and cannot be less than the current year**.
* Use appropriate **data annotations** in your models.
* Features that have not been required should not be implemented. Keep it minimal and do not include unnecessary code.

**Example:**

A table of information

Description automatically generated with medium confidence

**Technical Requirements:**

* ASP.NET Core MVC (.NET 8).
* Tag Helpers instead of Html Helpers.
* Entity Framework Core, Code First, and Migration.
* SQL Server Database.
* ASP.NET Core Identity for authentication. Implement a QR code for two-factor authentication (2FA).

**Diagram of Companies, CompanyMovies, and Movies tables:**

A screenshot of a computer screen

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