

Problem Statement

Create a IMDB.com like website with basic CRUD and movie listing using C# (Asp.NET MVC / Asp.NET Core). We would like to have the following entities in the application.

Actors	Movies	Producers
- Name	- Name	- Name
- Sex	- Year of release	- Sex
- DOB	- Plot	- DOB
- Bio	- Poster (image)	- Bio

Relationships

- Actor can act in multiple movies
- Movie can have multiple actors
- Movie has only one producer
- Producer can produce multiple movies

Application specifics (minimum requirements)

1. Screen to list all movies with Name, Year of release, Producer and all Actors of that movie
2. Screen to 'add' a new movie with the necessary fields with existing actors and producers. If the user wants to add new 'Actors' and 'Producers' while creating the movie which are not present in the database then he should be able to do so while being on the same screen.
3. 'Listing' screen should allow user to click on 'Edit' and edit all the details of the movie and save it would be a nice to do thing.

Hints and Tips

1. Focus on database design; we are fanatic about Normal Forms.
2. We are always on the lookout for best practices. Design/Styling/CSS is not critical; functionality is.
3. Define your own rules for validation; use common sense - also please make a note of the validations that you have added
4. Use of upcoming JS frameworks like Knockout / Vue / React / Angular to surprise us.
5. Use Docker / ASP.NET Core and 'WOW' us!

Application Submission

DB script / Code

Commit the Code to your Bitbucket / Github account along with the DB scripts. Please share the URL with detailed instructions for us to setup and run your web application.