Laravel / Eloquent Relations

Brainster Web Development Academy

Exercise

For this workshop we will create a form for storing information about movies that are about to be shown in a cinema. We need the following tables:

- ❏ movies - title, start_date, end_date, length, year, description, rating_id, type_id
- ❏ genres - name of the genre
- ❏ actors - name, surname, birth_date
- ❏ directors - name, surname, birth_date
- ❏ ratings - type of rating (G, PG, PG-13, R, NC-17)
- ❏ images - url, movie_id
- ❏ types - movie type (2D,3D)
- ❏ movie_genres - pivot table between movies and genres
- ❏ movie_actors - pivot table between movies and actors
- ❏ movie_directors - pivot table between movies and directors

Exercise

Start by creating seeders for the `actors`, `directors`, `genres`, `ratings` and `movie_types` tables (you can use Faker for populating the tables with dummy data).

Proceed with adding the Eloquent relationships between the models representing each of these tables. Although, we don't always need all the relations defined and we define them as we need them, try to create and test all of them since the goal of the workshop is to get better understanding of the whole concept.

Then, create a form inside a blade view, for adding a new movie. Each movie can have 2 image urls, multiple actors, genres and directors (checkboxes). Everything else should be an input field or a dropdown.

When the form is submitted, the movie should be stored in a database together with all its data.

Create a /show route where all the information about the movies will be displayed in a table-like format.