Backend Test (NodeJS)

This is a test assignment which covers RESTful API, DB (SQL/NoSQL up to you) , auth and search functionalities using NestJS Framework (https://nestjs.com/). Also you have good possibility to show your skills in JavaScript and/or Typescript.

Features to cover:

- Implement RESTful API to manage films, Films should have following fields (*name, description, release date, ticket price, country, genre and photo etc.*)
- Add user registration and authentication to the application.
- Implement Rating for films/movies on scale 1 to 5 and commenting, ensure that only authenticated user can rate and comment.
- Implement syncing films from the database you use (SQL/NoSQL) to elastic search on addition, updating and deletion to enable search functionality.
- Implement search with autocomplete functionality to it using elastic search where people can search by name and/or description and filter movies by popularity, genre, country or rating etc. Your solution should be concerned about miss spelt words, ignoring stop words like (the, a of) etc. Additionally, if you want to implement any other features by taking advantage of Elasticsearch.
- Implement ranking or scoring for films e.g if we want to boost any special genres or directors' films explicitly.

Points to be focused on:

- Create clear instructive readme to run and test your solution.
- Create database migrations scripts and DB seeders for the project.
- Write unit test of your work (choose a test framework of your choice) and try to ensure the maximum code coverage.
- Ensure that the code is properly formatted and documented, with clear and concise comments that follow established standards. Also include the eslint and/or tslint.
- Try to follow SOLID principles.

Once you are done:

1. Create a new Git repository for the project, commit changes progressively, and ensure that the code written is clearly differentiated from the framework code. Please provide the public repository URL in your response.
2. Provide a formal summary of your work in English in the comments section of the task. Additionally mention what's more you could improve.
3. Indicate the total amount of time spent on the project.