

BigLab 1D: Editing Films & React Routes

What Are We Building This Week?

You will update your React-enabled FilmLibrary to support multiple “pages” (through routes), and you will allow users to edit previously inserted films.

Step-by-step Instructions

1. Full Editing a Film

- Enable users to **edit an existing film**: add an edit icon (✎) near each entry of the FilmLibrary and re-use the form developed during the previous week for creating a new film. The form must appear **pre-filled** with the information already available for the specified film. As for adding and deleting films, after a film is edited, it must be automatically visualized in the list of films without any other user action.
- When the user completes the *add* or the *edit* operation and try to submit the form, you must execute some validation checks. Specifically, at least the following checks must be executed:
 - The **title** must not be empty.
 - The **rating** property should be *between zero and five* inclusive.

2. Enable Routing though React Route

- Update the FilmLibrary application to support multiple “pages” using React Router v6. Specifically, implements the following points:
 - The form for entering a new film must not be displayed anymore under the list of films, but it must be displayed in a separate Route.
 - Even the form for editing an existing film must be displayed in a separate Route. As already said in the previous point, you should re-use the same components for entering a new film, but they must be displayed in a different Route.
 - Restructure the React application to implement each filter as a separate Route.
- Beware:** if the user reloads the webpage when the browser URL corresponds to the Route of a given filter, the application has to use the URL to detect which is the current filter and it has to automatically apply it when the page is ready.

Hints:

1. All the specifications of the first BigLab can be found at:
<https://github.com/polito-WA1-AW1-2022/materials/tree/main/labs/BigLab1>
2. GitHub Classroom instructions for submitting BigLab1 are available at:
<https://polito-wa1-aw1-2022.github.io/materials/labs/GH-Classroom-BigLab-Instructions.pdf>
3. You can find the pencil icon (plus other useful icons) in the Bootstrap Icons site:
<https://icons.getbootstrap.com>
4. Official documentation of React Router:
<https://reactrouter.com/>