BigLab 1C: Forms & Film Manipulation

What Are We Building This Week?

You will add interactive functionalities to your web-based FilmLibrary. Specifically, you will enable users to create and add new films, to edit "in line" film properties, and to remove a film from the list.

Step-by-step Instructions

1. Add a New Film

- Update the web application developed so far to allow users to insert new films dynamically and interactively. When the user clicks on the '**+**' button, show a form under the displayed list of films and give users the possibility to add a new film (with all its properties). By submitting the form, add the newly inserted film into the state(s) used to store the film list. After the submission of a film, if it is compliant with the active filter, it must be automatically visualized in the list of films without any other user action.
  Beware: the form should be validated before its submission and, if the validation fails, you must cancel the submission and you must show proper error messages. In addition, you should highlight the invalid field. Specifically, you must verify at least that the **title** field is not empty.

2. Manipulating Films

- Enable users to delete specific films: add a trash icon (🗑) near each movie and set up its corresponding callback to remove the film from the state(s) used to store the film list. When a film is removed, the list of films is updated without any other user action.
- Update the web application to give users the possibility of changing "in line" some film properties. Specifically, the application must implement:
  - The possibility of changing if a film is **favorite** or not by means of the related checkbox. **Remind**: when a film is favorite the color of its title must be red.
  - The possibility of changing the film's **rating** by clicking on a specific star, e.g., if the film is rated two out of five and the user clicks on the fourth star, the new rating becomes four out of five.

Hints:

1. *All the specifications of the BigLab 1 can be found at:*
   https://github.com/polito-WA1-AW1-2022/materials/tree/main/labs/BigLab1
2. *You can find the trash icon (plus other useful icons) in the Bootstrap Icons site:*
   https://icons.getbootstrap.com