

Management of legal copies of films

Context

Faced with the following observations....

- More and more legal copies of films are being stored
- We can't find them easily.
- The file name is not always the same as the title of the movie
- It is not always Easy to find films for a given category

I have decided to set up a computerized database of the legal copies of films in my possession.

Pitch

The interface for entering and searching for legal copies of films is private, hosted on my computer and cannot be made public. I want to categorize each movie and store information such as actors, poster, year or synopsis.

Pages and sections of the site

Authentication & authorisation

Full access to the site is restricted to registered users. If the user is not logged in, the login page is displayed. If the user is logged-in, a link in the menu bar allows you to log out.

Login page

A form asks for the username (email) and password. A "Register" button is displayed, which takes you to the registration page. A link to the forgotten password page will also be displayed next to the login button.

Registration page

A form asks for a name, a first name, an email and a password (with confirmation). The email must be valid, and the password must be at least 8 characters long.

Top of the pages

Throughout the whole site, we find at the top of the page:

- a button/link back to home
- a button/link to movies catalogue
- a button/link to manage playlist

Home page

The home page briefly introduces the concept and firstly, displays a large and wide search field, for searching among the films.

A non-exhaustive list of categories is displayed. The number of films in each category (displayed on the home page) is placed in brackets to the right of the category name.

The last added movies will also be displayed, along with their poster and name.

Research

Search field should implement auto-completion on title.

When user type in, it should bring title matching.

Catalogue

The most important section of the site! This section displays the list of available movies, as well as filter and sorting forms.

Filters (optional)

A horizontal bar is added under the header with different filters. It must be possible to display only those films that correspond to the following filters:

- Category (all by default)

Sorting and pagination

In the horizontal bar under the header, we add :

- 1 link allowing the sorting by date to the ASC or DESC catalogue (default)

The "previous" and "next" buttons are also found in the horizontal bar on bottom of movies list.

Displaying mini movie-info-sheets

The main content of the page is therefore presented in the form of a list of mini information sheets, one per movie.

Each mini-sheet contains the following information:

- The poster of the film
- The id of the movie in the DB (ex: #23)
- The title
- The year of release
- Synopsis (if more than 30char, display '...')
- A "More info" or "Details" link leading to the film details page
- A "Edit" link leading to the movie editing page
- A 'Add to playlist' button/icon (cf. section 'playlist')

Details page

In a new page, it should be possible to directly view all the information that is stored in the DB for the current film:

- Title
- Poster
- Actor(s)/Actress(s)
- Synopsis
- Category(ies) / Gender(s)
- Absolute path to the file

Playlist

A playlist is represented by : a name, a date of creation and a list of movies. A playlist belongs to only one user.

You should have add a link in the menu and call it 'playlists'.

On this page you have :

- A button to add a new playlist (an empty form with only the name)
- A list of all playlists (with edit/delete button).

On the catalogue page, each movie should have a button/icon to add to a playlist.

Page for adding/editing a movie

You have to create a page, with a form, that allows to add a new movie.

You also have to create a page, with a form, that allows to edit an existing movie.

The fields of the form are pre-filled.

A film belongs to only one category.

Page for adding/editing a category

A drop-down menu at the top of the page lists all the categories in the database. By selecting a category in this menu, I choose to modify the selected category. The fields of the category add/change form are then pre-filled.

I can also choose to create a new category.

— OPTIONAL -

Forgotten password page

A form asks the user to fill in his email. If the email address exists, email is sent with a link to the password change page (with token). Otherwise, we do nothing, and we don't say that the email address doesn't exist.

Authorisation

There are 2 different roles for a user:

- user
- admin

“Users” can browse and search the site, but do not have access to the "admin" parts. The editing pages (categories or movies) are restricted to users with the "admin" role.