

Chaos Watchlist - watchlist page

This is a specification for the main feature of Chaos Watchlist.

Chaos Watchlist is a site where you can create your own movie watchlists, but it's public and everyone can interact with it.

The main feature is the watchlist itself, which is a page where users can check their (and others') movies list, add/remove movies from their list, filter, sort them etc.

Core functionality:

Form: At the top of the list add a form where new movies can be added.

A movie must have a title, may have an imdb url and it belongs to a watchlist (just mimic the association with an id (1), foreign keys are not needed).

The title should be unique per watchlist and the imdb url should be validated whether it's a valid imdb link (just the format, not a real check for the movie).

Clicking on the "Add movie" button will submit the form and save the movie to the database and refresh the list below.

List: Below the form, create a list where saved movies appear.

A watchlist item displays the title of the movie, a link to imdb (if added) and a delete button.

On the rendered list item, clicking on the delete button should delete the item from the database and from the list.

The link should open the imdb url in a new browser tab.

After interacting with the list (delete/create), the list should be updated without page refresh.

With all the above the page should look something like this:

Watchlist

Add movie

Braindead

[Imdb](#) Delete

Godfather

Delete

Twin Peaks

[Imdb](#) Delete

Berserk

[Imdb](#) Delete

Nice to haves:

- Limit the initial list item count to x (20) and add an infinite scroll behaviour at the bottom of the page, loading the items in batches of x when scrolling down.
- Make the items sortable by dragging them to their new position and save their changed positions in the database. (*js package can be used - e.g SortableJS*)
- Add a filter form where the movies can be filtered by their name and add a sort button with which you can sort the movies in the list by their name in ascending or descending order.
- Add a rating and a genre input to the new movie form.
The rating is a number and must be between 1 and 10.
The genre should be chosen from this predefined list: “action”, “drama”, “thriller”, “horror”, “comedy”.
- Make the watchlist items editable: when clicking on the edit button the item becomes a form and you can edit the fields in place.
- Make the whole page live, meaning that all the “users” checking the watchlist get the update of the list changes without page refresh (item added, deleted, edited or rearranged – depends on the chosen subtasks)

With all the above the page should look something like the example on the next page:

Watchlist

Add new movie

Title of movie

Imdb url

Rating

action

Add movie

Filter

Filter by title

Change Order (order)

Braindead	Imdb	Edit	Delete
Godfather	Imdb	Edit	Delete
Editing id - 3			
<div><div>Twin peaks</div><div>https://www.imdb.com/title/tt0098936</div><div>9</div><div>thriller</div></div>			
Save			
Berserk	Imdb	Edit	Delete