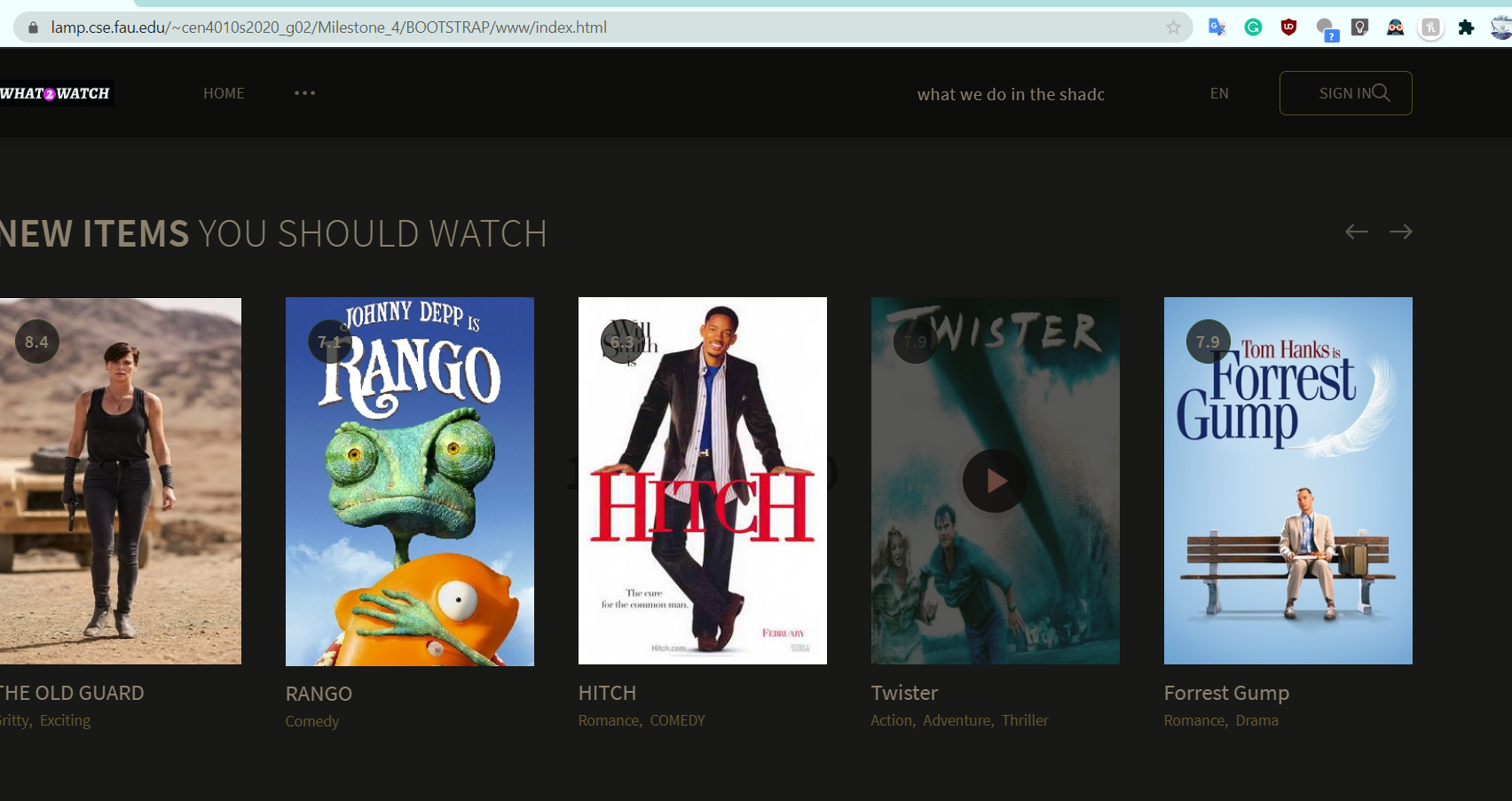
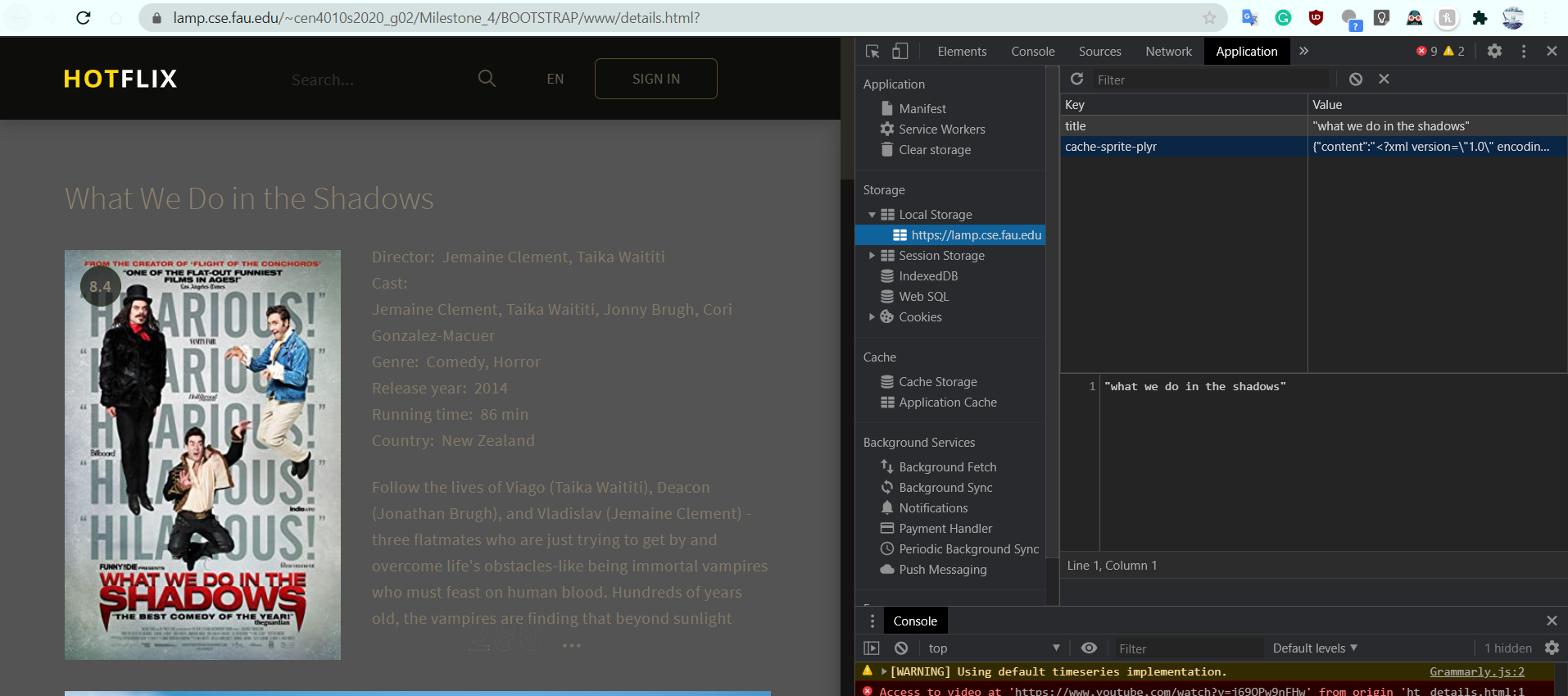
API and search breakdown:

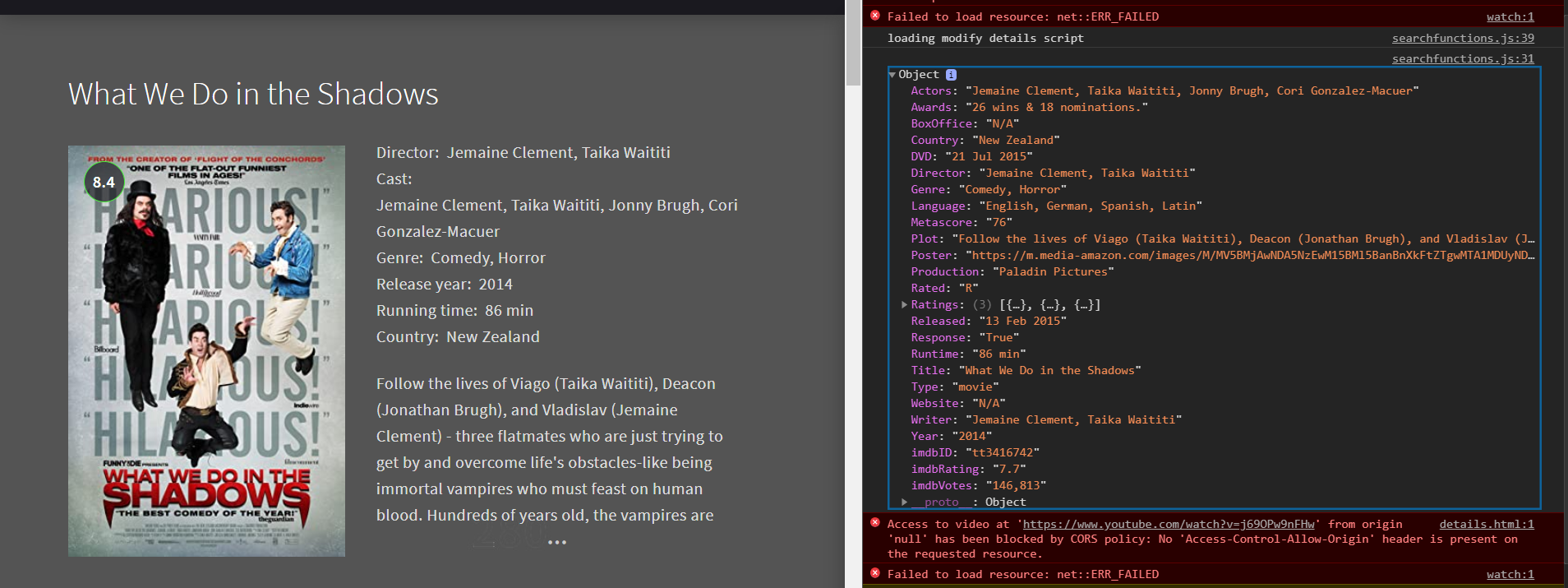
User types a string into the search box.

1. The search box and search button are structured using a HTML form format.
2. When the user clicks the button then the form is submitted, activating the JS file, “search functions”.
3. The string is automatically saved into local storage and sent to a function that concatenates the string into the API URL. Using fetch, the API (omdb) returns a json. The json is then fetched and aggregated into the HTML DOM using query selector.



Above, when the user types in a string, the clicks search, the form will submit. And redirect you.

Once it submits, you are taken to the details page and the string is saved to local storage (right).



The object is fetched ( console log on the right shows the response)using the string title saved to local storage and then concatenated onto the API url call. Then we parse through the json object and modify the DOM using query selector.

Using the API functions, we can also auto select the closest match. Typing: “What we do in the shad” will bring up, the movie What we do in the shadows, a longer plot is also used in our application to fill the entire plot div.

1. **const** search\_movie = **function**(){
2. document.getElementById('search\_button').addEventListener('click', sendMovie);
3. }
5. **const** sendMovie = **function**(event){
6. event.preventDefault();
7. **const** user\_title = document.getElementById('title').value;
8. localStorage.setItem('title', JSON.stringify(user\_title));
9. document.getElementById('form-search').submit();
10. }
12. **function** consoleTitle(){
13. console.log('Hello, Console!')
14. }

17. async **function** apiCall(){
18. let movie\_name\_storage = localStorage.getItem('title');
20. **const** response = await fetch('https://www.omdbapi.com/?t=' + movie\_name\_storage + encodeURI('&apikey=7b3941a8')+ "&plot=full");
21. **const** api\_response\_print = await response.json();
22. document.querySelector('#details\_title').innerHTML = api\_response\_print.Title;
23. document.querySelector('#director\_name').innerHTML = api\_response\_print.Director;
24. document.querySelector('#cast\_names').innerHTML = api\_response\_print.Actors;
25. document.querySelector('#genre\_details').innerHTML = api\_response\_print.Genre;
26. document.querySelector('#release\_year').innerHTML = api\_response\_print.Year;
27. document.querySelector('#runtime\_details').innerHTML = api\_response\_print.Runtime;
28. document.querySelector('#country\_details').innerHTML = api\_response\_print.Country;
29. document.querySelector('#plot\_details').innerHTML = api\_response\_print.Plot;
30. document.querySelector('#poster\_details').src = api\_response\_print.Poster;
31. console.log(api\_response\_print);
32. }


36. document.addEventListener('DOMContentLoaded', search\_movie);
38. **function** modify\_details\_page(){
39. console.log("loading modify details script");
40. apiCall();
41. }