

CineFiles scope

Benji Copan

July 2021 | Higgs Cohort | Prime Digital Academy

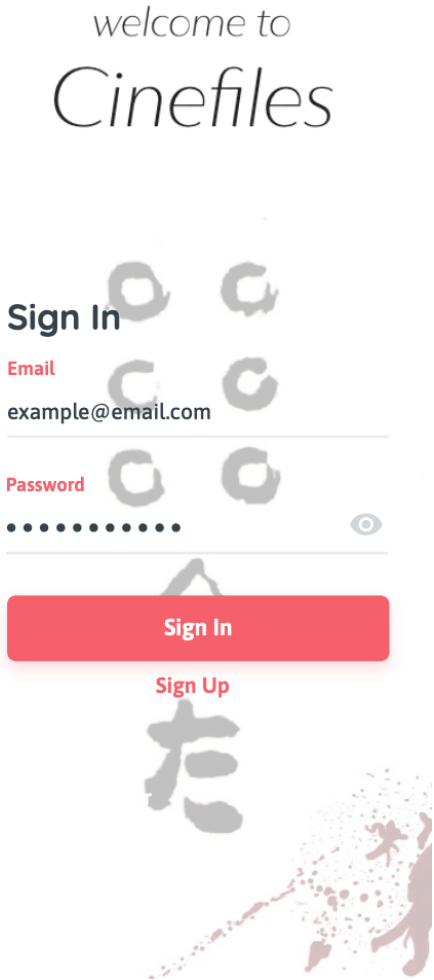
Application Overview

There are plenty of apps sharing reviews of movies (IMDB, Rotten Tomatoes, Letterboxd, Amazon). None of these distinguish between a 4K UHD restoration that's stacked with special features and a low-res VHS, stretched to appear full page, with 20 minutes of footage missing. They don't care if you watched the extended or theatrical cut of Lord of the Rings; they don't care if Han shot first; they don't worry about the fine distinction between the "Love Conquers All" studio cut of Brazil vs Terry Guilliams' director's cut.

CineFiles solves this problem and more by being built around home video releases rather than the movie itself. It includes built in tools to help you add items to your collection, handle box sets, organize your collection, compare items of the same movie, and browse seamlessly through actors, films, and items in your collection.


Application Features

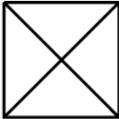
1.1 Login page, Register page

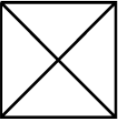
	<p>Registered users can log in to the application. The Login page contains a link to the Registration page (no wireframe included). Registration contains text inputs for username and password. The Registration page contains a button that navigates the user back to the Login page and a button that submits the form. After successful form submission, the user is automatically logged in with the new account.</p>
------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

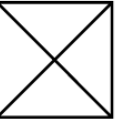
1.2 My Collection page

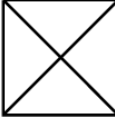
Change view

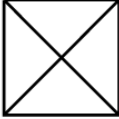





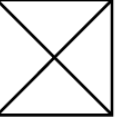


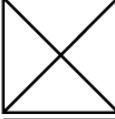


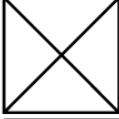


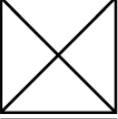


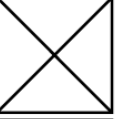


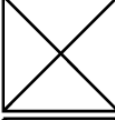


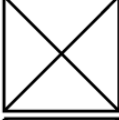


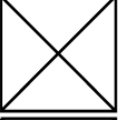


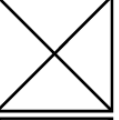


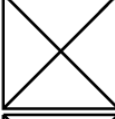


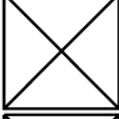


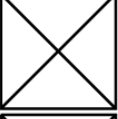


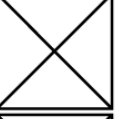


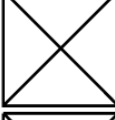


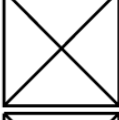


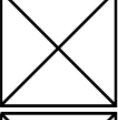


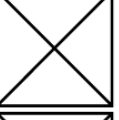


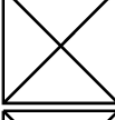


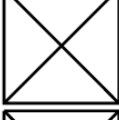


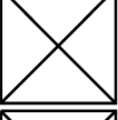


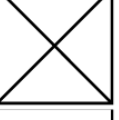
























1: 2:

Upon logging in, users are greeted by the **My Collection page** which shows all of the movies and box sets in their collection.

The collection can be sorted by Date Added, Name, Distributor, or Format in an Ascending or Descending order.

Each collection item has a *Delete button* which prompts them to confirm the delete, then remove the item from their collection. An *Expand button* which shows a description of the item. And a *... button* which navigates to the **Item Details page** (also accessible by double clicking the item).

The first item in the collection list is a placeholder which links to the **Add Item page**.

1.3 Item Details page, Add Item page



Name	Seen?
The Tale of Zatoichi (1962)	<input checked="" type="checkbox"/>
The Tale of Zatoichi Continues (1962)	<input type="checkbox"/>
New Tale of Zatoichi (1963)	<input type="checkbox"/>
Zatoichi the Fugitive (1963)	<input type="checkbox"/>
Zatoichi on the Road (1963)	<input checked="" type="checkbox"/>
Zatoichi and the Chest of Gold (1964)	<input type="checkbox"/>
Zatoichi's Flashing Sword (1964)	<input type="checkbox"/>
Fight, Zatoichi, Fight (1964)	<input type="checkbox"/>
Adventures of Zatoichi (1964)	<input checked="" type="checkbox"/>


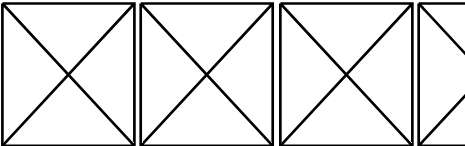
Item Details page

- For box sets, allow users to keep track of which movies they have and haven't seen
- Also allow users to track special features and supplemental materials included in Item
- Link to **Movie Details page** for any movies
- Expandable section on all movies which shows/hides plot summary and other details
- Link to **Compare Framegrabs page**

Add Item page

- Allow users to manually enter new items from this page
- Custom built webscraper to automatically pull item details from distributor website (only works for certain distributors)

1.4 Movie Details page, Person Details page


<div data-bbox="215 401 396 594"></div> <div data-bbox="444 401 621 567"><hr/><hr/><hr/><hr/><hr/></div> <div data-bbox="215 716 599 947"><div data-bbox="215 716 599 745">as;dfiaksdjf;aisdfoai sdf;l</div><div data-bbox="215 745 599 947"></div></div> <div data-bbox="190 1068 652 1213"></div>	<h3>Movie Details page</h3> <ul style="list-style-type: none">• Show poster, summary, length, release year, cast (name, character, photo), crew (name, role, photo), and indicate whether the movie is in your collection with links to the relevant Item Details page• Link to Person Details page for all cast and crew <h3>Person Details page</h3> <ul style="list-style-type: none">• Name, birth-death dates, bio, link to imdb page• list of all collection items which person worked on (including links to Item Details pages)• List of all movies person worked on with show/hide for summaries and details and links to the relevant Movie Details pages• Stretch goal: Allow users to keep track of posters and art associated with a movie
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1.4 Compare Framegrabs page


CineFileswith data from THE MOVIE DBMy CollectionSearchAdd MediaInfo PageLog Out

Ran... GET MOVIE DETAILSSHOW MEDIA COVER ARTSHOW MEDIA MOVIE ARTHIDE FRAMEGRABS

Edition title	Distributor	Format	Length	Add Framegrab?
... Ran	Criterion Collection	Blu-ray	02h 40m	+
... Ran	Lionsgate	Blu-ray	02h 42m	+
... Ran	Studio Canal	4K UHD	02h 42m	+
... Ran	FoxLorber	DVD	02h 44m	+
... Ran	WellSpring Masterworks	DVD	02h 40m	+
... Ran	Warner Bros. (UK)	DVD	02h 23m	+



(Criterion Collection Blu-ray) Ran from edition Ran at timestamp 00:23:01



(FoxLorber DVD) Ran from edition Ran at timestamp 00:23:02

Compare Framegrabs page

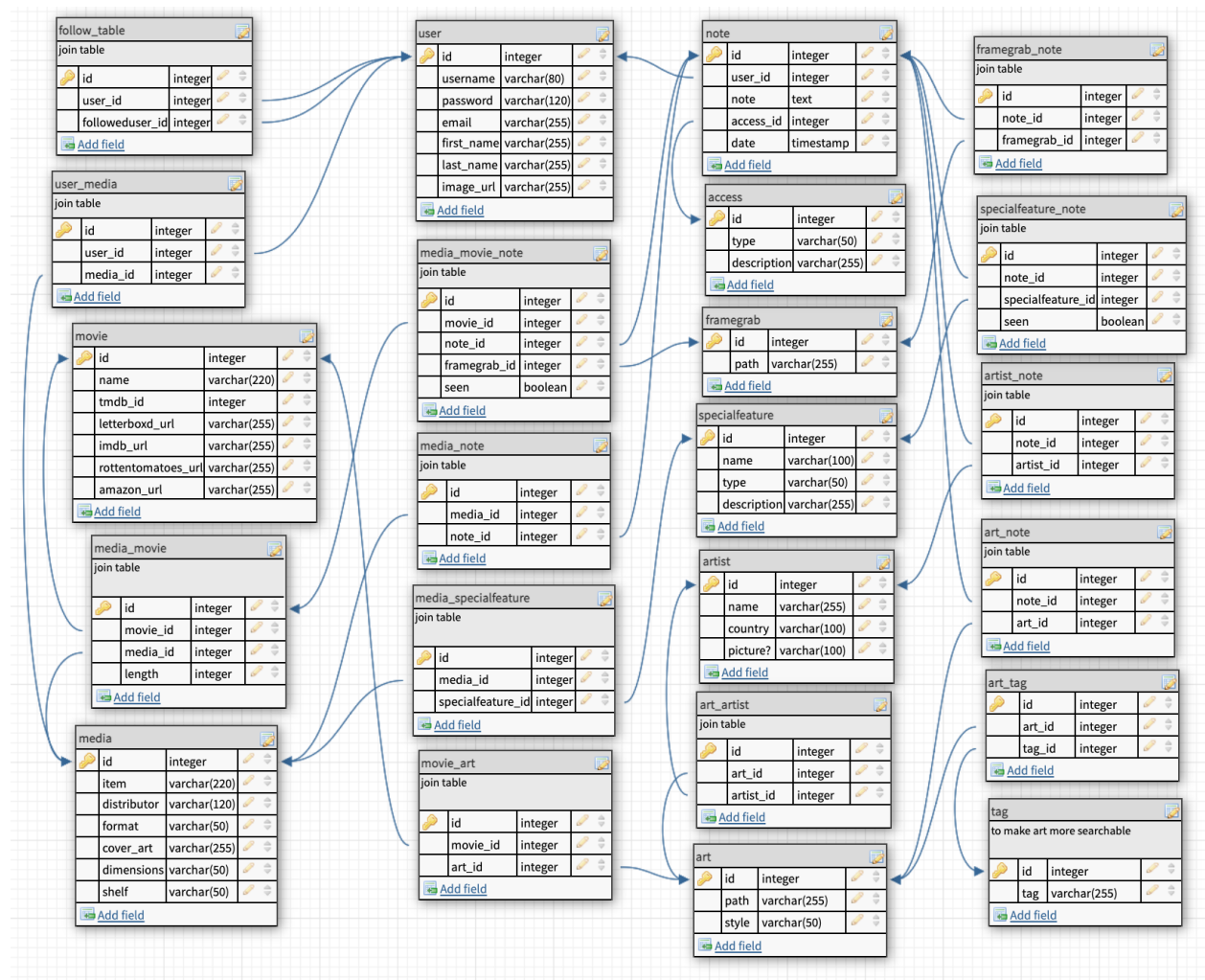
- Side by side comparison of various releases of a specific movie, including distributors, formats, lengths, box set art, movie art, and side by side framegrabs with timestamps for movies in the set
- Provides a way for users to upload frame grabs from their media. This makes side-by-side comparisons of different releases possible
- **Stretch goal:** Allow users to keep track of posters and art associated with a movie

Project Milestones and Schedule

Milestone (Should match a Feature from Above)	Hours Est.	Due Date	Base or Stretch
Check out TMDB api - what information do I get access to? What do I need to set up to get access	3	Monday, Aug 2	Base
Look into barcode scanning - what information can be pulled from the barcode? How is it formatted?	3	Monday, Aug 2	If barcode data is useful and it takes me less than 3 hours to be able to read it, base mode; otherwise, stretch UPDATE: not worth the effort
Login page	2	Monday, Aug 2	Base
My Collection page - table view	4	Tuesday, Aug 3	Base
My Collection page - icon view	4	Tuesday, Aug 3	Base
Item Details page	8	Wednesday, Aug 4	Base
Track Frame Grabs from an Item	3	Thursday, Aug 5	Base
Compare Frame Grabs between Items	5	Thursday, Aug 5	Base
Save art associated with movie(s)	4	Friday, Aug 6	Base
Display art by movie or artist (STRETCH display art by genre, country, style, tag)	4	Friday, Aug 6	Base
Figure out if I can pull information about an Item from the distributor website (Criterion ,	8 hours each?	NA	Stretch

Arrow , Kino Lorber , Indicator / powerHouse , First Run Features , Second Run , etc.)			
Recommendations (random): by watch status, genre, director...	4	NA	Stretch
Add BiblioFiles (CineFiles for books)	Category (See rest of table for breakdown)	NA	Stretch
Look into APIs such as open library	8	NA	Stretch
Look into barcodes for books	4	NA	Stretch
Value added proposition: effective handling of short stories, essay collections, poetry books	Category	NA	Stretch
Item Details page to track which contents have and haven't been read, rather than trichotomy of "unread", "in progress", "read"	4	NA	Stretch
Allow manual sort, on Item Details so users can add things in any order and retrofit it to match the order in the book	4	NA	Stretch
Allow user to add notes that can be associated with an individual poem / essay / story / chapter or with multiple poems / essays / stories / chapters or with an individual book or with multiple books. These can be private or public	8	NA	Stretch
JustWatch API to show streaming options	8	NA	Stretch

Database Documentation



Browsers

Browser Name	Mobile or Desktop?	Version
Brave	Desktop	1.27.108
Safari	Desktop	14.1.2
Safari (limited functionality - search My Collection)	Mobile	14.1.1

Assumptions

While completing this estimate the following assumptions were made.

- I will be able to pull most data about a movie (cast, crew, genre, country, language...) from the TMDB database, so I don't have to track it locally

Technologies

- Node
- Express
- React
- Redux
- Saga
- Postgresql
- Heroku
- TMDB api