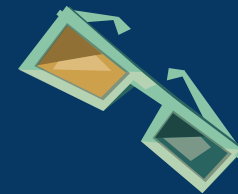
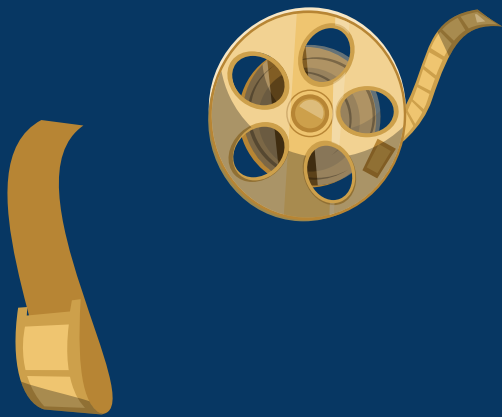


# whatchawatchin CSPB 3308



Chris Lescinkas  
Ray Franco  
Jun Park  
Kate Fray  
Marcus Almanza



# Vision and Description

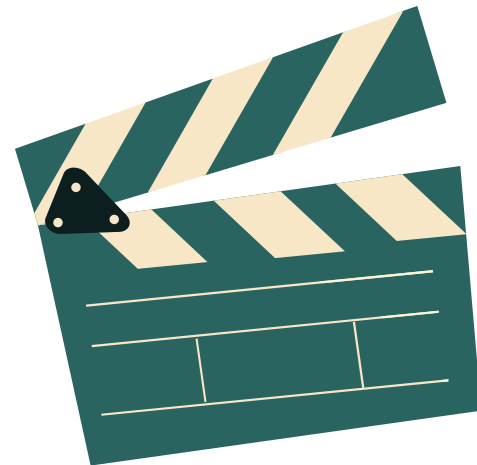
*Empowering users to make educated media consumption choices for effective use of their time and wallet.*

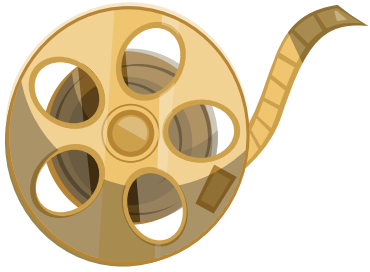
Rotten Tomatoes and IMDB were influential in our design and conceptualization. The application serves as a single source for viewing movie information, trailers and reviews, and adding personal likes with your own profile.



# Tools Used

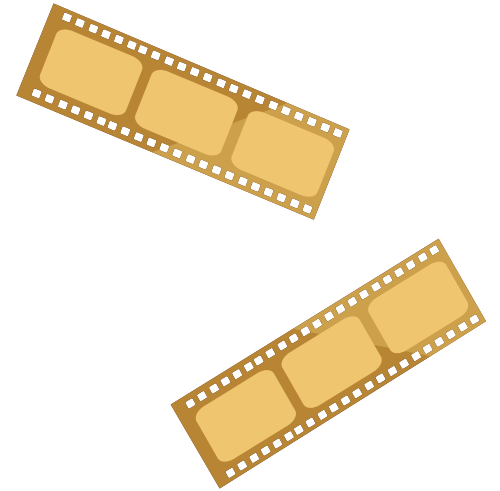
- Asana
- Github
- SQLite3
- Python
- HTML/CSS
- Javascript
- Zoom
- Onrender





# Project Tracker: Asana

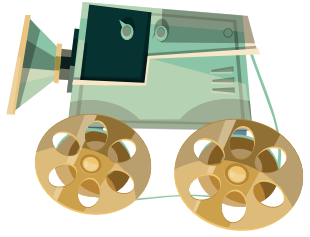
- Asana is a similar Project Management tool to Jira but free of charge.
- It includes a messaging tool that was incredibly useful when working asynchronously and remotely.
- You can create, view and organize tasks/cards as well as add task owners.





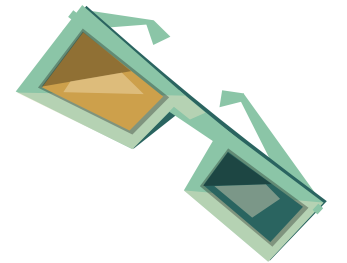
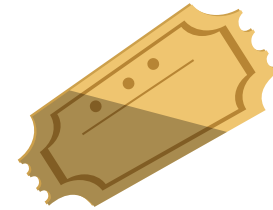
# Version Control: Github

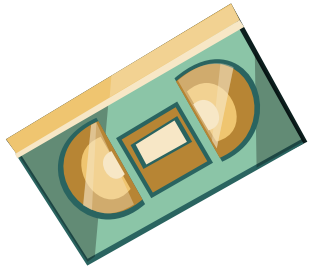
- Github was a simple way for us to work remotely, share code and develop asynchronously.
- We were experienced with Github so the learning curve was shortened when figuring out how to collaborate safely.



# Database: SQLite

- SQLite was a great option for us to create a small, fast SQL DB.
- We were experienced with SQLite so could iterate faster when building.





# Python

## Flask

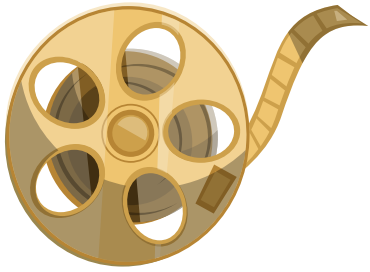
- Create routes for web pages
- Functions to
  - Receive data from user
  - Send SQL queries to the database
  - Populate data in HTML templates

## SQLite

- Connect to db
- Execute Queries

## Unittest

- Lightweight unit testing framework
- Used for testing database api



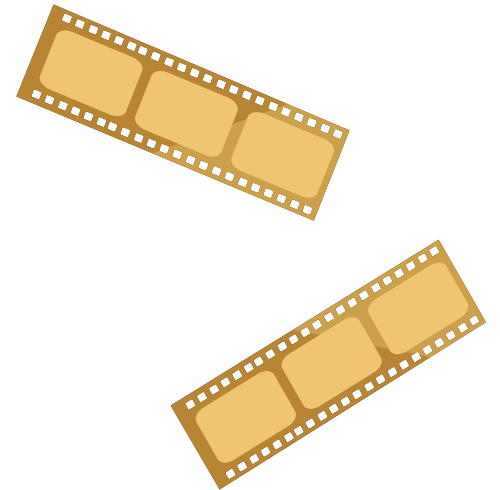
# HTML/CSS

## HTML

- Document structure for web pages
- Receiving and Sending data from the front end
  - Send data to flask via form action POST method
  - Flask route sends user input to sql query
  - Returns html template populated with query data

## CSS

- Styling for web pages
  - Consistent overall format using stylesheets

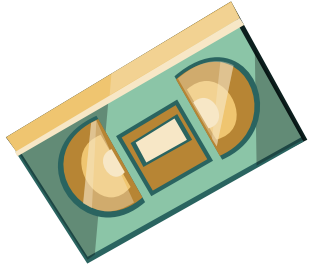






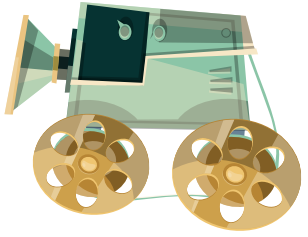
# Javascript

- Like button / Like counter  
If the like buttons are clicked, the numbers of click are going to be added to numbers that like counters have.



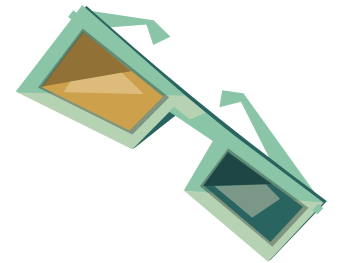
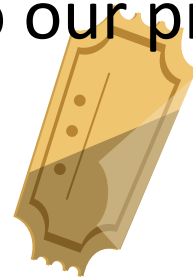
# Zoom

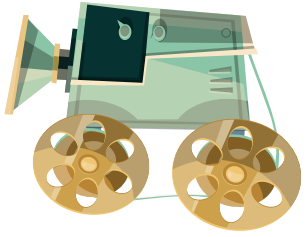
- Chosen as our remote meeting platform because we are all familiar with it and we have access via CU Boulder.
- Highly effective way of screensharing and managing our stand-ups as well as record information when necessary.



# Challenges Encountered

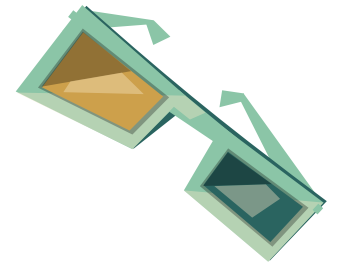
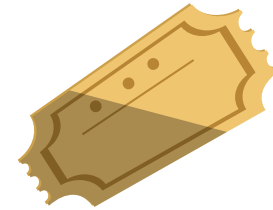
- Front End
  - Placing displaying objects on the window at where I want to place.
- Doing everything online and not being able to communicate in person
- Learning new things from class and implementing more advanced techniques into our project.
- Less is more
  - Start small and expand





# Challenges Encountered cont'd

- SQLite is not large enough for 'real' implementations:
  - In hindsight we should have used the postgres service in render.
- Not being a full-time job
  - Asynchronous work is hard when you quickly want to get something done or ask a question and you aren't working on the project 9-5.
- Interoperability between functions/features





<https://whatchawatchin.onrender.com/>



# Questions