

Final Project Proposal

1. Overview

What is the problem we are trying to solve?

There are a lot of streaming platforms with movies but clearly, they don't have them all. So, if I want to search for a film, I need to enter all the platforms, one by one, and then choose a movie.

Why are we doing this?

I want a movie hub to search for popular movies classified by genre so that choosing a film to watch is easier. Then I just need to search where that movie is available to watch.

2. Who is the audience?

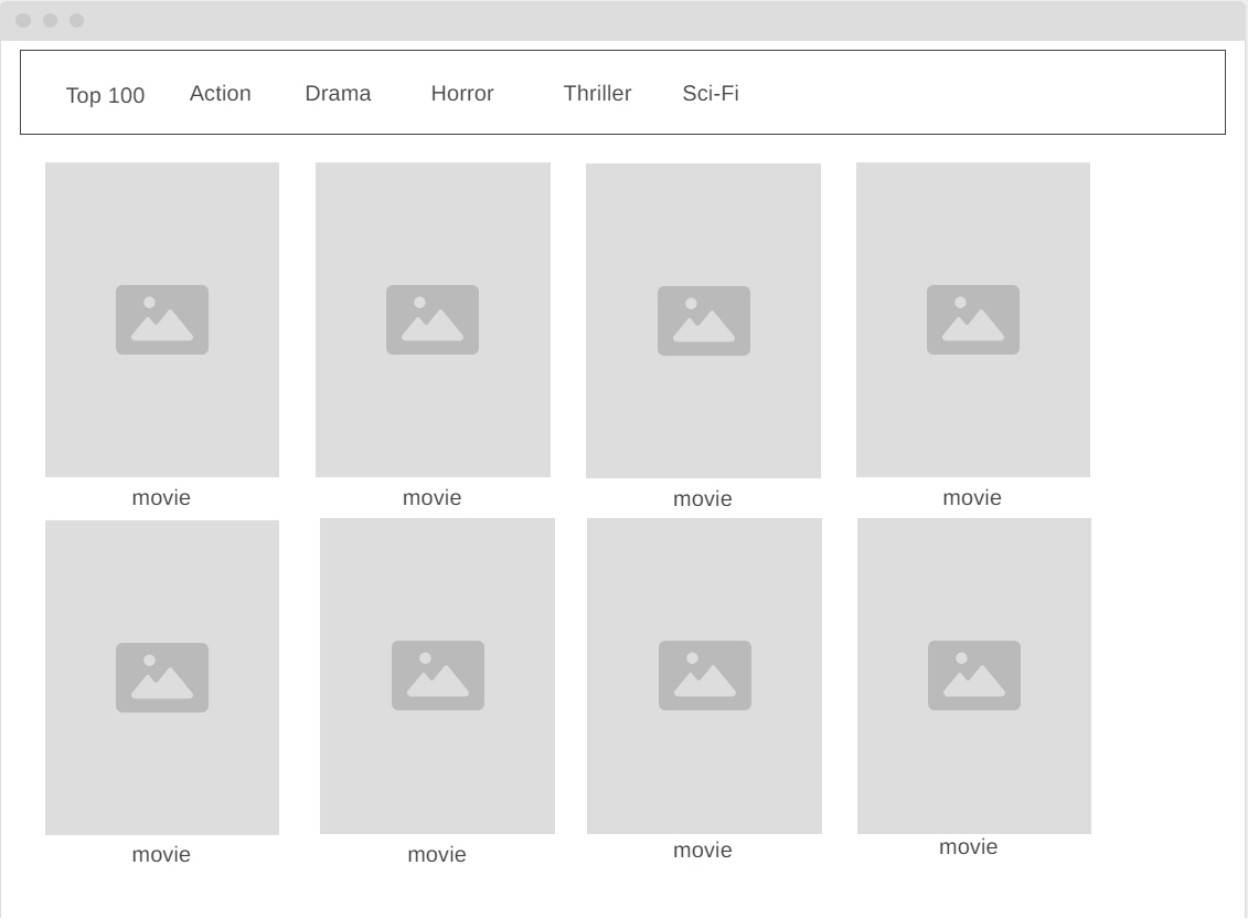
The audience is everyone looking for a good (or bad) film to watch and hard to find. The site will be in English and designed for all ages.

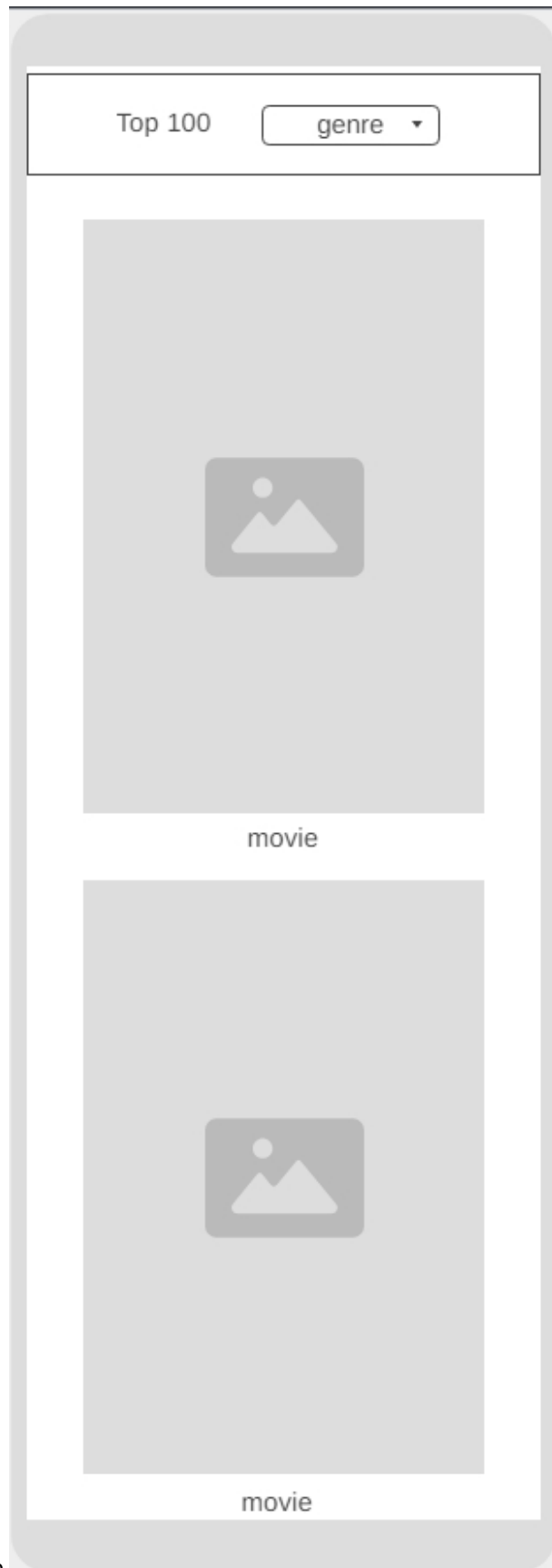
3. List of the major functions of the application

- `getMovieData()`: an asynchronous function that makes a call to the API to get a list of movies.
- `getMovieDetails(movieId)`: an asynchronous function that makes a call to the API to get a list of details for a specific movie.
- `renderMovieList(selector)`: uses a template to enter all the data from the API into the DOM
- `movieDetailsTemplate(movie)`: a function that returns a template to be used as a callback function of a render function.
- `movieTemplate(movie)`: a function that returns a template to be used as a callback function of a render function.
- `sortList()`: this function takes a list and sorts it with the desired order
- `filterByGenre(list)`: this functions takes a list of movies and filters it by genre.
- `setClick()`: this function sets a listener for both touchend and click
- `convertToJSON()`: converts a response from the API to JSON and adds a handler for errors from the response.

4. Wireframes of the major views

- Desktop
Wireframe





- Mobile Wireframe

5. External API Data source(s):

- [Streaming Availability API](#)
- [Movie Database Alternative API](#)
- [IMDb API](#)

6. Initial Module list

- •Index.html
- •JS: MovieList, MovieDetails, MovieData
- •CSS: base.css, large.css

7. Colors/Typography/specific element styling

- Colors: Primary: #777, Secondary: #333, Details: #8E0606
- Typography: Poppins, sans-serif

8. Schedule

- Week 5: initial module list, basic styling and data retrieval
- Week 6: Classes and data organization, CSS animations, bug fixing
- Week 7: testing and final CSS corrections

9. Link to a Trello board

- [WDD 330 Project Board | Trello](#)