Progress Update

BACKEND (DJANGO & DRF)

Core Endpoints

- /api/movies/search/ → search movies by title.
- /api/movies/trending/ → trending movies of the week.
- /api/movies/now_playing/ → in-cinema releases.
- /api/movies/streaming_trending/ → trending on streaming
- /api/movies/providers/ → list available streaming providers by region.
- /api/movies/person_movies/ → movies by actor/actress.

- /api/movies/{id}/ → movie detail with credits, trailers, and providers (cached).
- /api/movies/poster_palette/ → extracts poster colour palette using "ColorThief.
- User system: registration endpoint wired with RegisterSerializer.

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Progress Update

Frontend (React + Vite)

- setup with React Router DOM.
- API helpers (Axios-based) for calling backend endpoints.

Home page features:
- Movie search with live suggestions.
- Trending / Now Playing sections.
- Person search (actors).

Movie detail page:
- Poster, title, overview, release info, runtime, genres.
- Dynamic gradient background (poster-derived).
- Meta chips for runtime, genres, rating.
- Trailer embed (YouTube).
- Top Cast strip with scrollable cards.

- Where to Watch block:
- Glass-effect panel.
- Compact, scrollable, clickable provider chips that link to Netflix, Disney+, Prime, etc.
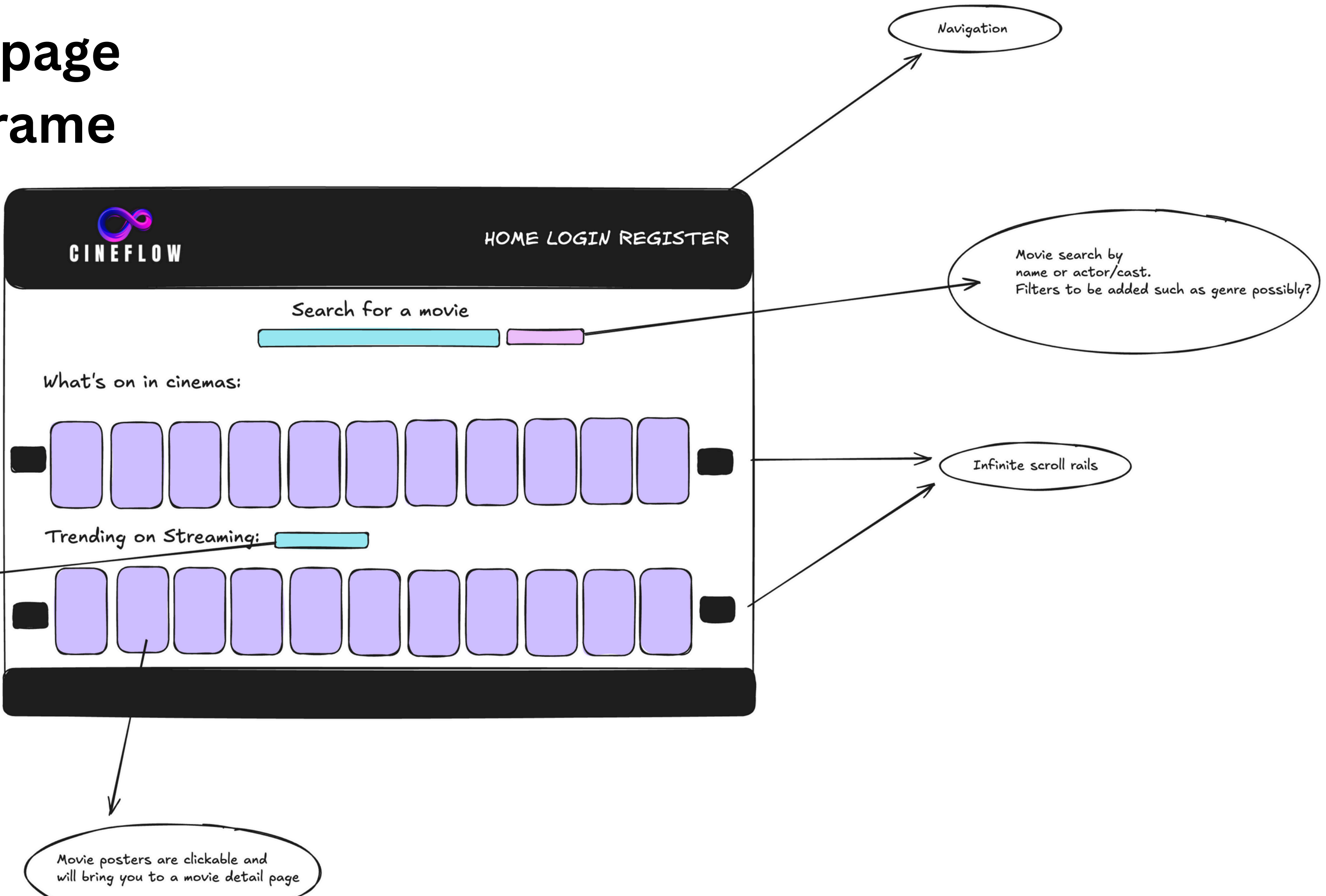- Basic login and logout - private/auth only pages to be set up (dashboard in progress)

Progress Update

Summary of what has been done to date:

- Search movies and people.
- Browse trending / now playing / streaming sections.
- Themed movie detail pages with cast, trailer, and streaming availability.
- UI styled with dynamic gradients and glass cards for a modern look.
- Backend caches and abstracts TMDB API for efficiency and safety.
- Basic user dashboard template

Homepage Wireframe

Navigation

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HOME LOGIN REGISTER

Search for a movie

Movie search by name or actor/cast.
Filters to be added such as genre possibly?

What's on in cinemas:

Infinite scroll rails

Trending on Streaming:

Filter by provider

Movie posters are clickable and will bring you to a movie detail page

Current Homepage

Home Login Register

Welcome to Cineflow

Search for your favourite films

Search for a movie...

What's on in Cinemas
View all

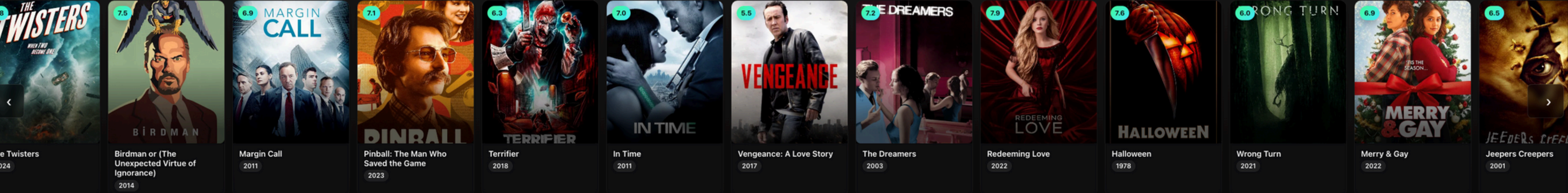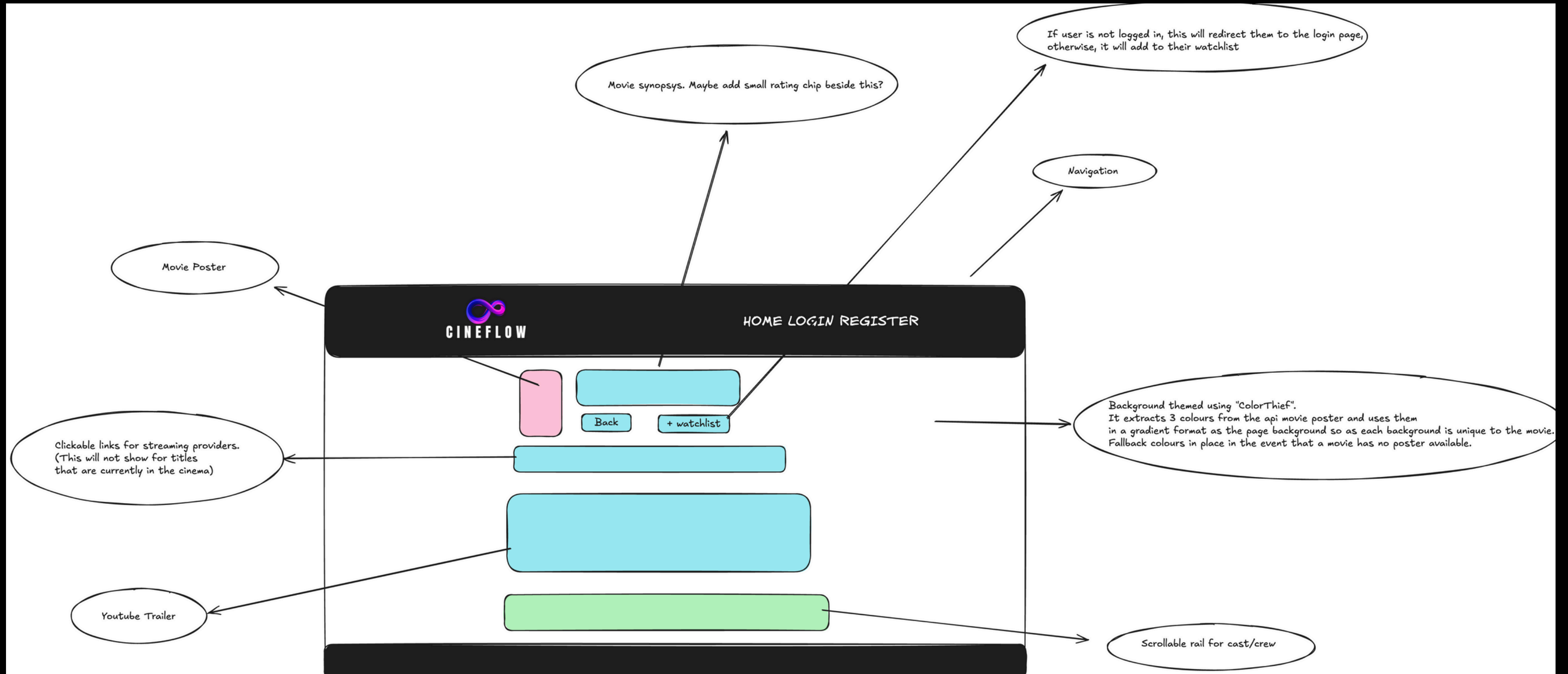|										
7.5	7.2	7.4	5.9	7.2	8.3	6.9	5.9	6.7	10.0	6.6	6.7

The Conjuring: Last Rites
2025

Weapons
2025

Nobody 2
2025

Demon Slayer: Kimetsu no Yaiba Infinity Castle
2025

Highest 2 Lowest
2025

Together
2025

KPop Demon Hunters
2025

Freakier Friday
2025

Honey Don't!
2025

The Thursday Murder Club
2025

Baaghi 4
2025

Materialists
2025

The Long Walk
2025
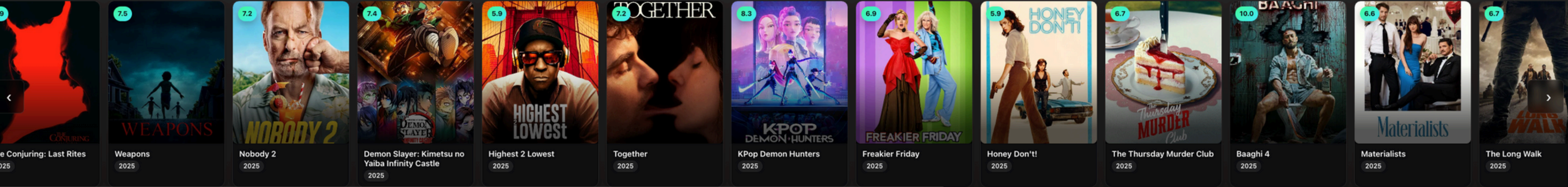
Trending on Streaming
View all

Netflix Disney+ Paramount+ Prime Video All

Rent/Buy

7.5	6.9	7.1	6.3	7.0	5.5	7.2	7.9	7.6	6.0	6.9	6.5

The Twisters
2024

Birdman or (The Unexpected Virtue of Ignorance)
2014

Margin Call
2011

Pinball: The Man Who Saved the Game
2023

Terrifier
2018

In Time
2011

Vengeance: A Love Story
2017

The Dreamers
2003

Redeeming Love
2022

Halloween
1978

Wrong Turn
2021

Merry & Gay
2022

Jeepers Creepers
2001

Movie Detail Wireframe

Current movie detail page

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Progress Update

Summary of what I am working on at present:

- Creating a user dashboard, purely for logged in users. This is where they can access their watchlists, movie rooms, mood picker, etc.
- Mapping moods in api/views.py to pull specific genres/movies with keywords for custom mood dictionary. This has challenges which I am currently working through, mainly related to my own custom filters not being strict enough and allowing movies to slip through into moods they are not affiliated with. The solution is stricter parameters which I am currently testing.

Summary of what is left to do:

- Create a complete user dashboard
- Create a watchlist feature
- Create a movie room/poll feature for multiple users/'friends'
- Tighten cinema and streaming trending by allowing region filters
- Make pages responsive