# WEEK 3 PROGRESS-TO-DATE

# Backend (Django + DRF)

***TMDB API integration with helper \_tmdb\_get to handle keys, errors, caching.***

## 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 (discover).
* /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.

# Frontend (React + Vite)

* Routing 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 linking to Netflix, Disney+, Prime, etc.
* Basic login and logout - private/auth only pages to be set up

# 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.