Project Specification

Owner: Connor Maines (cmaines)

Models:

- Movie
    - id - Identifying number for track.tv lookup
    - watched - flag indicating if movie has been watched
    - Movie name*
    - Movie poster image url*
    - Movie release date*
- TVSeries
    - id - Identifying number for track.tv lookup
    - watched - flag indicating if series has been watched
    - seasons - mapping from this TV series to all of its seasons
    - Series name*
    - Series poster image url*
- TVSeason
    - id - Identifying number for track.tv lookup
    - watched - flag indicating if season has been watched
    - episodes - mapping from this season to all of its episodes
- Episode
    - id - Identifying number for track.tv lookup
    - watched - flag indicating if episode has been watched
    - Episode name*
    - Episode number*
    - episode date*
- UserInfo
    - movies - List of all movies added to watch list (includes watched and unwatched)
    - series - List of all TV series added to watch list (includes watched and unwatched)
    - access_token - The latest track.tv access token
    - user - The user this info belongs to
    - access_token_expiry - The time at which the access token will expire

*for less requests/ quicker load times on main pages

Product Backlog:
- Create/register an account
- Log in/out
- Search for movie/shows
- View detailed info on movies/shows (similar to IMDb)
- Add movies/tv shows to lists
    - By default, movies and shows are put under "to-watch"

- ○ Other default lists include "watched", "favorites" and for shows: "currently watching"
  - ○ Users can add custom lists, either manually adding shows/movies or choosing from select "rules" to auto-manage lists (like Smart Playlists in iTunes)
- ● Mark show episodes/movies as watched/unwatched
  - ○ Movies will automatically be removed from "to-watch" into "watched"
  - ○ Off-air shows with all episodes marked as watched will also be moved
- ● On hover:
  - ○ Movies: show release date, icons for marking watched state and options
  - ○ Shows: show countdown to next episode (or number of episodes behind), episode name and season/episode numbers, icons for marking watched state and options
  - ○ Options icon allows management of lists and deleting of selected media
- ● On click/in quick view:
  - ○ View more information, including ones from hover view, and description, director, more images, etc
- ● On full page
  - ○ Movie: show all available information, including links to cast bio pages
  - ○ Show: show all available information, including links to cast bio pages and links to all episodes, and ability to mark multiple episodes as watched in bulk
- ● In addition to full page of movies/shows, there will be full pages for show episodes and cast biographies
- ● Alert users via notification panel on website (like social media) and optionally email alerts (alert times can be adjusted). Alerts are triggered on episode air times and movie release dates
- ● Adjustable settings/preferences
  - ○ Set default screen (movies or shows)
  - ○ Set default view mode for movies and shows separately (poster vs banner)
  - ○ Set alert times / methods
  - ○ Edit lists / list behaviors

Sprint 1 Backlog:
- ● Cmaines: API integration with Trakt.tv, functional search screen
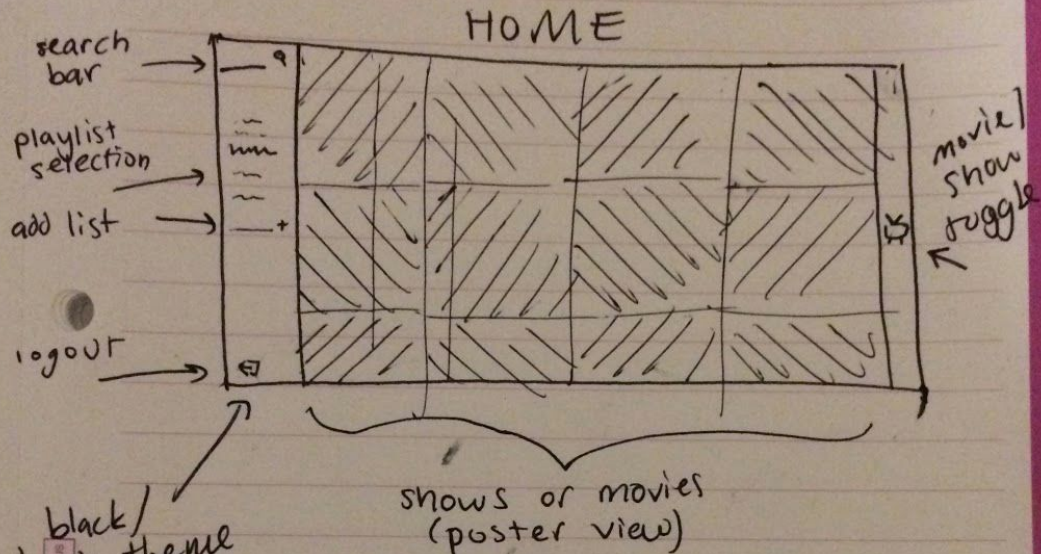- ● Hizalc: Login/user functionality, login screen, home screens (movie/show views)

Sprint 2 Backlog:
- ● Cmaines:
  - ○ The creation of custom user lists for movies and shows
  - ○ Handle caching of API requests and maintaining accuracy of this cache
  - ○ Perfect ability of user to add movies to lists
  - ○ AJAX requests that will call API to get additional movie information such as rating and more detailed data
- ● Hizalc:

- Implement user lists in UI code
- Allow user to add movies to any list through the UI
- Update lists and display through AJAX to prevent reload of pages
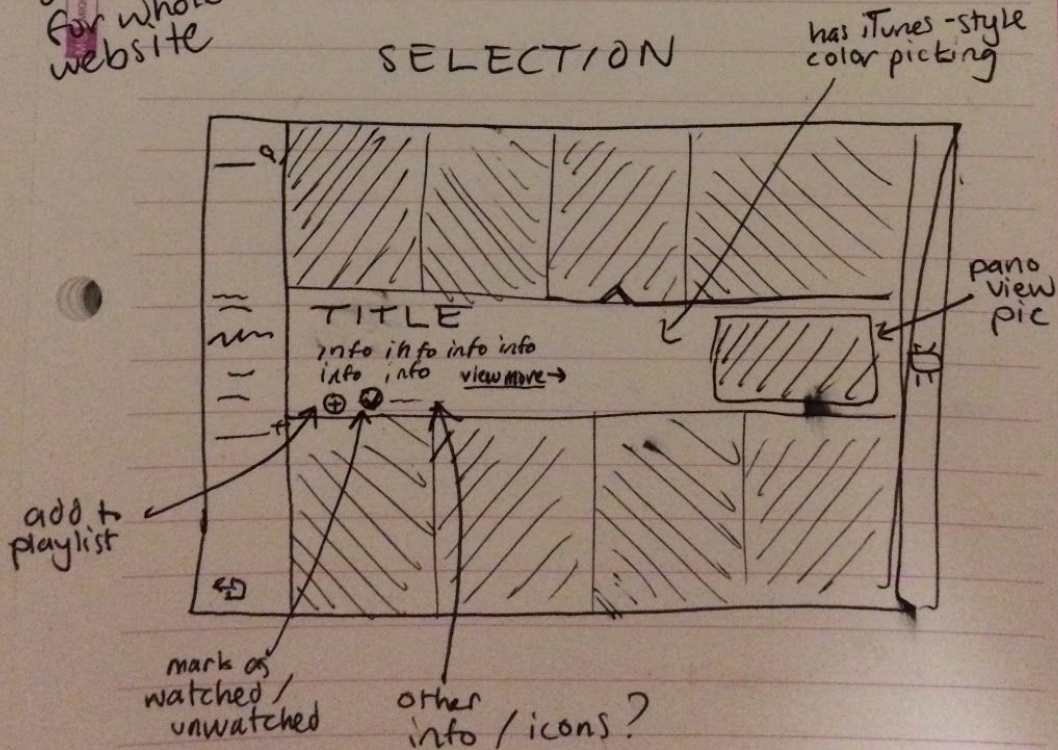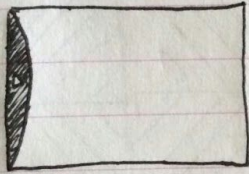- Create basic info panel for movies in lists.

Mockups:

Tell-E (user page)

HOME

search bar →

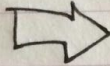playlist selection →

add list →

logout →

movie/show toggle

black/dark theme for whole website

shows or movies (poster view)

SELECTION

has iTunes-style color picking

TITLE

info info info info
info info   view more →

⊕ ⊗

pano view pic

add to playlist

mark as watched/unwatched

other info/icons?

menu
[hide]

menu
[show]

hides   never hides

menu
content

play button icon
acts as arrow

(maybe
flips for
"hide" mode)
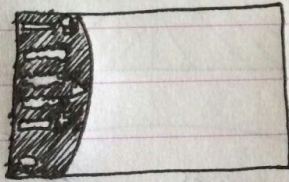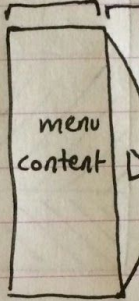
100% height
fixed width
(stretching ok)