

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:

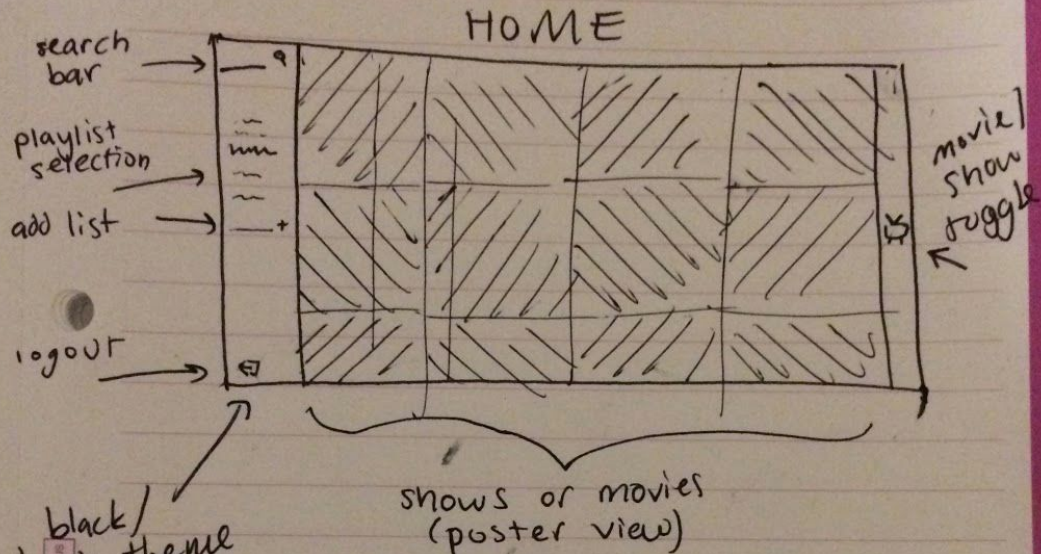
- Implement user lists in UI code
- Allow user to add movies to any list through the UI
- Update lists and display through AJAX to prevent reload of pages
- Create basic info panel for movies in lists.

Sprint 3 Backlog

- Cmaines:
 - Handle caching of API requests and maintaining accuracy of this cache
 - Get more detailed movie/show data for display on main page such as cast
 - Implement ability to mark episodes and seasons as watched
 - Create notifications and email alerts
 - Create smart lists capability which add content based on existing content
- Hizalc:
 - Implementation of marking episodes and seasons as watched
 - Episode, Show, Movie and "Person" pages for full information
 - Overlays and more accurate dates on overlay and info pane
 - Notification system and alerts
 - Finish settings

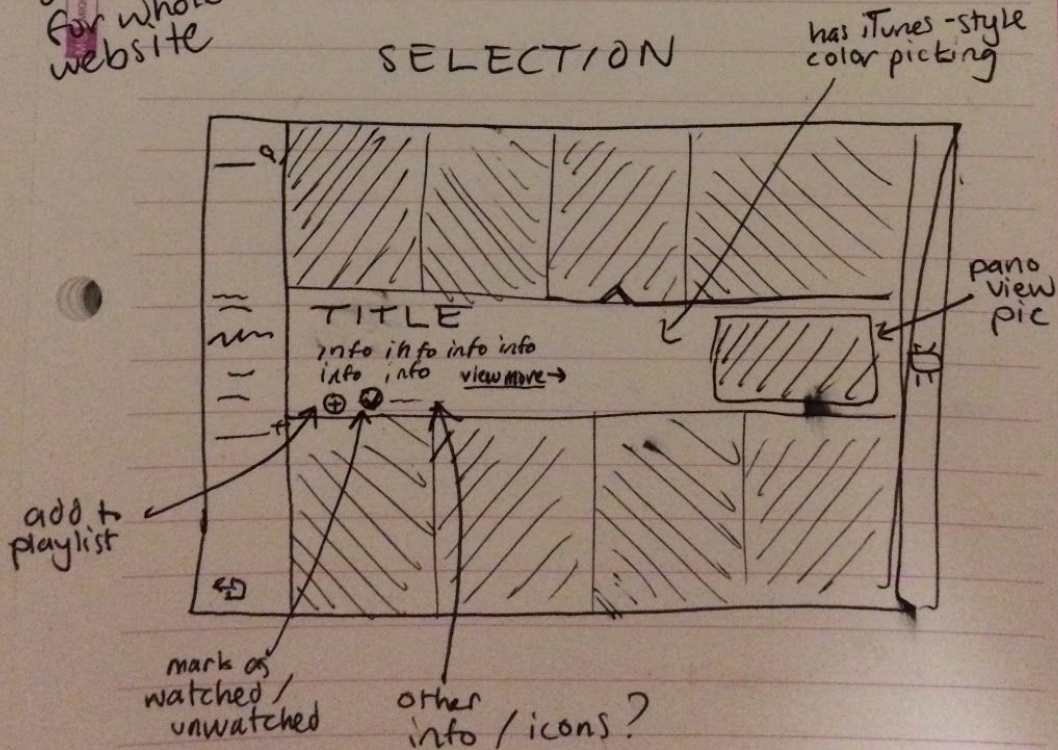
Mockups:

Tell - € (user page)

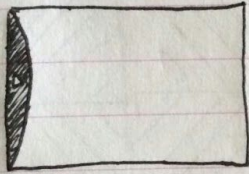


black/
dark theme
for whole
website

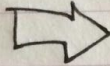
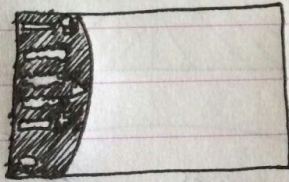
SELECTION



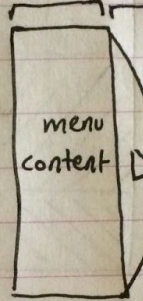
menu
[hide]



menu
[show]



hides
never hides



play button icon
acts as arrow
(maybe
flips for
"hide" mode)

100% height
fixed width
(stretching ok)

movie info panel

(background = blurred fanart)

TITLE	[fanart]
release - date	
description	
description	
[FULL INFO >]	

show info panel: If (status = ended/cancelled/planned)

TITLE	if [fanart] [episode screenshot] else [fanart]
original air: date	
[description...]	
[FULL INFO >]	

else if (status = in production/returning series)

S# Ep# EP. TITLE	if [episode screenshot] else [fanart]
release - date	
[ep. description]	
[SHOW INFO >]	