W04: Final Project – Proposal

Overview

What's the problem?

Currently, streaming service users face the difficulty of searching and finding movies across multiple platforms. This process can be tedious and time-consuming, as each platform has its own catalog and there is no centralized tool that allows for efficient searches. Additionally, users may miss out on watching movies available on platforms they already subscribe to simply because they don't know they are there.

Why are we doing this?

The goal of this project is to create a web application that functions as a complete catalog of all the movies available on the different streaming platforms. By centralizing the information in one place, users will be able to easily search and find the movies they want to watch and know which platform they are available on. This not only saves time and effort, but also improves the user experience by allowing them to make the most of their streaming service subscriptions.

Audience

The target audience for this web application is streaming service users looking for a more efficient and convenient way to find movies. This includes passionate movie buffs who want to explore and discover new movies, as well as casual users looking to optimize their time and effort when searching for content.

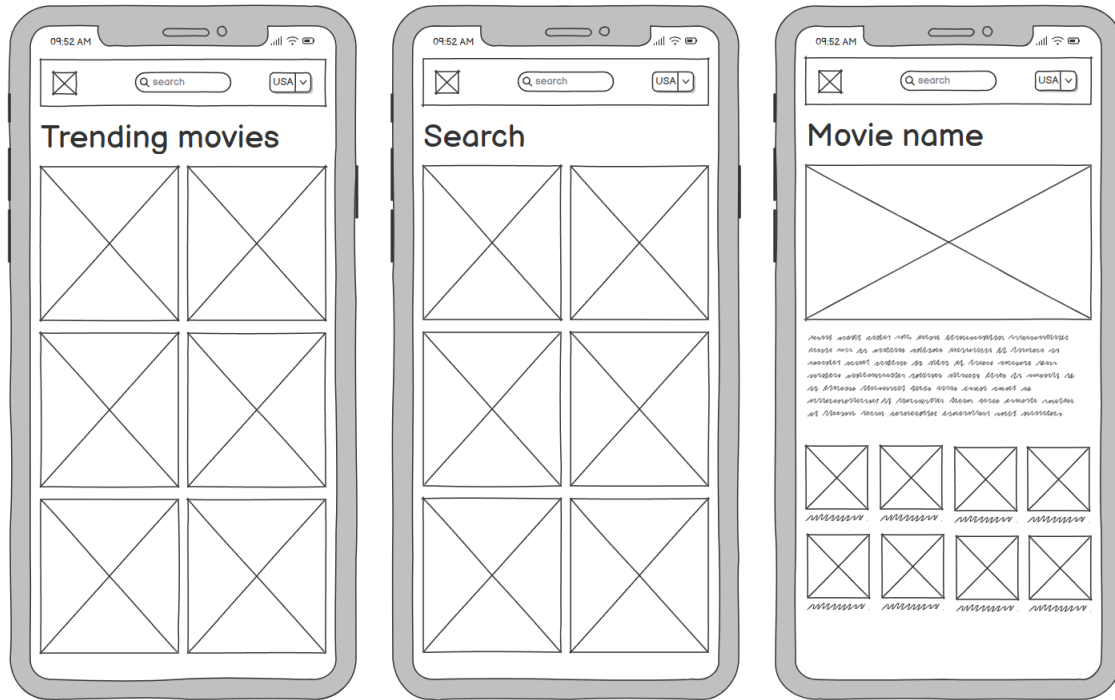## Major functions of the application

The web application will feature a main section that will present a list of trending movies, along with a search input that will allow users to search by title. When performing a search, the movie listing will automatically update to display the corresponding results. Clicking on a movie will open a new page that will display all relevant details about the movie, including the streaming platforms where it is available.

Some function:

- Change the country
- Get and show trending movies by country
- Get and show details of movie
- Get and show streaming platforms by movie in the country selected

- Search movies by words
- Show movies result in list
- Save movies in "to watch" list
- Remove movies from "to watch" list

Wireframes

External API Data source

The data source is TMDB which contains one of the largest movie databases in the world.
https://developer.themoviedb.org/reference/intro/getting-started

This data source will provide me with the resources to display the list of trending movies.
https://developer.themoviedb.org/reference/trending-movies

It has an API available to perform the search by terms.
https://developer.themoviedb.org/reference/search-movie

To display the details of the selected movie we have some APIs such as the general data of the movie as well as the data of streaming platforms.
https://developer.themoviedb.org/reference/movie-details
https://developer.themoviedb.org/reference/movie-watch-providers

Initial Module

The modules will be the following:

- Home page: Get a list of trending movies and display them as a list of cards.
- Country selection: Users will be able to select the country where they are located to display the results based on the country.
- Search engine: Allow users to perform a search by keywords and update the list with the movies in the result.
- Movie page: Given a movie identifier, get and display the most relevant data such as title, year, description, and other information.
- Streaming platforms: On the movie page, show the streaming platforms where the movie is.
- To Watch list: Allow users to add movies in "to watch" list and remove movies from the list.

Colors

The primary and secondary colors will be:

#730A26 **#1D2659**

#730A26 & #1D2659

The highlight colors will be:

#7193D9 **#20448C** **#BF0B1A**

#7193D9, #20448C & #BF0B1A

Typography

Titles typography

Font name: Cinzel

https://fonts.google.com/specimen/Cinzel

Regular 400

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Medium 500

WHEREAS RECOGNITION OF THE INHERENT DIGNITY

SemiBold 600

WHEREAS RECOGNITION OF THE INHERENT DIGNITY

Bold 700

WHEREAS RECOGNITION OF THE INHERENT DIGNITY

ExtraBold 800

WHEREAS RECOGNITION OF THE INHERENT DIGNITY

Black 900

WHEREAS RECOGNITION OF THE INHERENT DIGNITY

Body typography

Font name: Quicksand

https://fonts.google.com/specimen/Quicksand

Light 300

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Regular 400

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Medium 500

Whereas recognition of the inherent dignity

SemiBold 600

Whereas recognition of the inherent dignity

Bold 700

Whereas recognition of the inherent dignity

Schedule

Main features	Time		
	Week 5	Week 6	Week 7
Home page	▓		
Country selection	▓		
Search engine		▓	
Movie page		▓	
Streaming platforms			▓
To Watch list			▓

Trello

https://trello.com/b/bW3uf4dD/wdd-330-final-project