NOVA SCHOOL OF
SCIENCE & TECHNOLOGY

Interação Pessoa-Máquina

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The Modern Movie Database

Stage 4: Functional Prototype

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Prototype URL

Since our application is meant primarily for computer use only, we only have a URL of our current prototype. In this prototype all activities/tasks described in the scenarios below are ensured.
URL:
https://mtvdb.bot.nu/

Startup Instructions

Since the website is online, there is no need for any prior setup, only needing access to a web browser and an internet connection for the website to work properly. Just click the URL provided above and you can immediately start utilizing the website.

Briefing

MTVDB is a website where users can search and rate movies and TV shows, being able to see which TV shows and movies have the best ratings, which are the most popular, search by a certain genre or actor/producer and have an overall full experience when it comes to cinema.

Our group realized that the most well-known website with these features, IMDB, at times is very confusing and not very intuitive. For example, it's not easy to perform a simple search like looking for comedy movies.

In summary, it's a website like IMDB but more intuitive and with an additional unique feature, which is to see which movies and TV shows were filmed near the user.

Scenario

Scenario 1

Imagine you want to find a film by the writer Cristopher Nolan, but you don't remember its title. (Hint: it rhymes with perfection)

Scenario 2

Imagine you have just watched the movie Oppenheimer and you want to add the movie to your watchlist and make a review on it.

Scenario 3

Imagine you want to find the most popular comedy movie released in 2014.

Scenario 4

Imagine you want to find the movie that was filmed nearest to you.

Project URL

In this URL, you will find all the project members, as well as all the phases prior to this one, to have a full understanding of how we came up with the idea, the problems we faced and all the adjustments that have been made:
https://pedrommraf.github.io/ipm-projeto/

To develop our application, we mainly used React and Bootstrap for all our implementations, also utilizing the Google Maps API for the unique feature.
We also used:

- bootstrap-icons: for icons used on the website.
- react-youtube: for Movie and Show trailers.
- emotion/react: for details regarding reviews(stars).
- sass: for help designing the website.

Our application gives a similar feel to other Cinema review websites, but with a simple yet elegant design.
Despite being able to complete all scenarios described above, there are some things that are yet to be implemented or are partially incomplete, such as:

- There is no page for actors, directors, writers.
- The search bar is not responsive in real time.
- There is no dark mode.
- The trending topics feature does not work properly.
- There is no way to list the watchlist.