<https://github.com/AnaKarolina52/20630BackEnd_CA2.git>

**Read File**

Project in MERN, first is an acronym that involves different technologies that make up the back end of a web application.

(M) MongoDB is a non-relational database

(E) Express is the back-end framework where you will build your web application

(R) React is a framework that facilitates front-end programming using javascript

(N) Node.JS is a Javascript code execution environment

MERN is one of the most requested stacks in the job market.

How I did work in my project

To start my application, I just clone the Template given, then it was just installed dependencies and the project it was read to run.

First it was the team chosen, I decided to a Movie project, It was decided that the project it will be the followings entrance:

year: The year of the movie release.

title: The title of the movie.

director: What is the movie director.

imdbCritic: The Critical Number, here I did the option to iMDb “(Internet Movie Database, is an [online database](https://en.wikipedia.org/wiki/Online_database) of information related to films, television programs, home videos, video games, and streaming content online – including cast, production crew and personal biographies, plot summaries, trivia, ratings, and fan and critical reviews.)” Wikipedia. I had chosen their review classification instead of Rotten Tomatoes, Metacritic etc. Because they use the decimal classification system, different from others that are percentages etc, and its most known

quote: I found it interesting to put a catchphrase from the film.

picture: A picture from the film to make it easy to relate and visually more attractive.

After set everything to have my variables and labels. I change columns, color, labels and positions, I also chose different data's to been seen at the movie labels. I chose to show all the information's, in an order that I found acceptable. Title, year, director, quote and rating.

I Have not changed the structure because I was happy enough with the one there. But I Change buttons, paddings.

Each CRUD operations are as intended. There is a page for each operation. Delete work is the Read page.

in the middle of my work I had a problem, I had to kill a process running, it took me a lot of research time until I could understand what was going on and find the solution.

I used the following commands

lsof -n -i4TCP:3000 (Port Number)

And

kill -9 6786 (what it was running)

After this process I was able to continue my project.

To connect with my database on mangoDb Atlas it was a simple operation I just create a new database, moviedb:

const dbroute = process.env.MONGODB\_URL || [`mongodb+srv://admin:admin@store.43cwd.mongodb.net/moviesdb?retryWrites=true&w=majority`](mailto:`mongodb+srv://admin:admin@store.43cwd.mongodb.net/moviesdb?retryWrites=true&w=majority`); .

Sometimes I have problems to connect the database I just did a test before start, usually I just need to go to mongo and upload the password and it works.

Even though I was working with safari I though easier to inspect elements on Chrome.

Changing the variable types was one of my big issues as the method learned at class didn’t work on my file, I just learned how to do using Schema.