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<https://github.com/Cassgdnt/CA1_Backend.git>

CA1 Report

To start this node js project, we needed to do some terminal commands. First, we do a ‘npm init’(init our node app), then ‘npm install mongodb –save‘(install mongoDb) and after ‘npm i --save express mongodb’(install express). With these commands done, you create an index.js file and then you can start coding. And after all of this, you have to do git command to connect your project to your Github repository. Github repository that you created just before. Mine is named ‘CA1\_backend’.

In the code, the first steps are to allows the use of MongoDB and express. At the same time, on MongoDB you need to create a cluster, then a database and a collection. In my project, the database is ‘Movies’ and the collection is ‘movie’. On MongoDB, don’t forget to change the IP address and also to file the name and the password by your information. After you need to import it into your project by using an URL.

In my movie application, I want to be able to: Find a movie, update the information of a movie, post a new one, delete one. We have to code this CRUD operation.

For all these CRUD operations you will need postman to update, create and delete movie. Postman is a collaboration platform for API development.

To use the update and delete a movie, in postman you insert the id that you want, and you choose the request you need. And to create a new movie, you have to fill all the information and choose the post request.

After coding these CRUD operations, you have to start your application. With the async function run, if you are connected to the database, your application starts. And if not, you will have an error message. If you have an error message it means that you are not connected to the database.

And the last code you have to do is to create the Movie class. To create this class, we use the constructor method, who is going to create an instance of the class.

With this code done, you can have a movie application on which you can add a movie with information, like the name, the director, the actor, the year and you can also say if you have seen it or not.

This application is a movie application to list the movie you have seen and the one you didn’t. You can add some movies to the database, specifying if you have seen it or not.