Objective

In this checkpoint, you will be performing a series of guided instructions to create a REST API by manipulating your database with mongoose.

- PS: don't forget to comment on your code before submitting it.

Instructions

1. Start a new Node JS project with ' npm init '
2. Install the mongoose and express and .env
3. Configure the environment variables with .env
4. Lunch a server with express in the server.js file
5. Connect your database locally or with mongo atlas
6. The Folder structure should be like this :

config/ .env

Server.js

7. Create a models folder and a User.js file in it

8. In User.js you must define a mongoose Schema and export the model , you will use it in the server.js

9. The Folder structure should be like this :

config/ .env

models/User.js

Server.js

10. In the server.js create four routes :

  GET : RETURN ALL USERS

  POST : ADD A NEW USER TO THE DATABASE

  PUT : EDIT A USER BY ID

  DELETE : REMOVE A USER BY ID

NB : in each callback function you will use mongoose methods to manipulate your data and return it in the response

11. Use postman to test each route.

Useful Links :

1. .env : https://www.npmjs.com/package/dotenv
2. Express js : https://expressjs.com/
3. Req.params && req.query : https://coursework.vschool.io/express-params-and-query/
4. Mongoose : https://mongoosejs.com/

5. Rest api : https://www.youtube.com/watch?v=SLwpqD8n3d0