**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>