Project entrypoint: backend/server.js

Npm I install express mongoose dotenv

Error 1:

Error faced:

Error: listen EACCES: permission denied 3000;

node:events:491

throw er; // Unhandled 'error' event

^

Error: listen EACCES: permission denied 3000

Cause: added ; semicolon after PORT:3000; - Remove ; and it worked.

Error 2: server was running but while displaying <http://localhost:4000/api/v1/products> was getting cannot get error

Cause: added ./ app.use("./api/v1",product);

Solution app.use("/api/v1",product);

<https://stackoverflow.com/questions/39632667/how-do-i-kill-the-process-currently-using-a-port-on-localhost-in-windows?utm_medium=organic&utm_source=google_rich_qa&utm_campaign=google_rich_qa>

# Error 3: [How to fix Error: listen EADDRINUSE while using NodeJS?](https://stackoverflow.com/questions/9898372/how-to-fix-error-listen-eaddrinuse-while-using-nodejs)

# EADDRINUSE means that the port number which listen() tries to bind the server to is already in use

# Solution:

# 1. Free Port Number

**Windows**

1. netstat -ano | findstr :4200

2. taskkill /PID 5824 /F

Error 4: MongoParseError: Invalid scheme, expected connection string to start with "mongodb://" or "mongodb+srv://"

In Code: const conn = await mongoose.connect(“process.env.DB\_URI”);

And it should be

const conn = await mongoose.connect(process.env.DB\_URI);

Commands used on terminal:

Npm run dev

 "scripts": {

    "test": "echo \"Error: no test specified\" && exit 1",

    "start":"node backend/server.js",

    "dev":"nodemon backend/server.js"

  },

To Test API:Thunder Client extension in VS code or Postman

In Project “Models” folder created which has productModel.js file which contains schema/model of product

Now product schema will be imported in product controller and product will be created (create product) in productController File.

Now we will import “create product” in productRoute.js file

Created Util folder for error handling

Created middlewarefolder

Whenever use async await ..Use try catch block. It is a good practice.

Install npm I bcryptjs jsonwetoken validator nodemailer cookie-parser body-parser