ChatBot

At first, I think we need database because the thief or stolen may be tracked by the records and history becomes a big deal. As past records are inevitable, I thought database system is necessary for university security.

At first, make README.md file in order to explain what I’m going to do.

As I am the only developer of this system, it is dedicated to viewers.

What is express?

🡪 we can make server with express in node.js. This is a library in node.js which helps us to use server. With express, we can build up database server.

Mongoose

🡪 We will use mongo DB this time and this library will help us to facilitate mongo DB more easier.

CORS

🡪 It will help us to connect frontend part and backend part. In my opinion, it helps us to prevent CORS (Cross Origin Resource Sharing error).

dotenv

🡪 My environmental setting.

http

🡪 We can build up http server. We are going to upload web socket in http.

socket.io

🡪 It should be installed.

In database, we are going to save the data of users and message.

What is nodemon?

🡪 It is similar to node but It can reload the file if there’s any change in the file.

nodemon app.js

🡪 With this command, it should be connected to database but does not work on my MacOS. It’s because I did not install the MongoDB

What I did was first, install the mongodb community server according to the mongoDB site.

Then run MongoDB as a macOS services.

And then type nodemon app.js

nodemon app.js or node app.js or npm run app.js ??? What is correct one?

nodemon app.js

1. Monitoring the developing application and reload it automatically when there’s any change.

nodemon은 개발 중인 애플리케이션을 모니터링하고, 파일 변경 사항이 감지될 때 자동으로 애플리케이션을 다시 시작하는 도구입니다.

nodemon app.js 명령은 app.js 파일을 nodemon이 실행합니다.

nodemon은 실행된 애플리케이션을 모니터링하며, 파일이 변경될 때마다 자동으로 애플리케이션을 다시 시작합니다.

이를 통해 개발 중인 애플리케이션의 변경 사항을 자동으로 감지하여 실시간으로 반영할 수 있습니다.

nodemon은 개발 환경에서 애플리케이션을 개발하고 테스트하는 데 매우 유용합니다.

node app.js

🡪 node is a command that executes the Node.js runtime. The command node app.js runs the app.js file with Node.js. Once executed, node app.js does not automatically detect file changes and you need to manually re-run the command. But if you use nodemon app.js, you don’t need to re-run the command as nodemon will automatically reloaded if there’s any change in file.