Creating a RESTful API using express.js and creating a database and index in MongoDB.

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source code:

index.js file:

MONGODB CONNECTION:

MODEL:

```
■ ■ □ O8
                                                                                   JS emp.model.js ×
D
          ∨ 💋 api
∨ 🛍 controllers
                                                                                                 import mongoose from 'mongoose';
                                                                                                const userSchema = new mongoose.Schema({
   username:(
     type:String,
   unique:true,
   required:true
             JS emp.controller.js

✓ 👊 db
                JS connectToDB.is
             JS emp.model.js
                                                                                                      empname:{
type:String,
required:true
               JS user.routes.js
JS index.js
            > dient
> node_modules
p.env
                                                                                                         type:String,
required:true
                                                                                                       },
role:{
type:String,
required:true
                   package-lock.json
                                                                                                                                                                                                                                                           □ node + ∨ □ î ··· ^ ×
                                                                                       > nodemon api/index.js
                                                                                      [nodemon] 3.1.0

[nodemon] to restart at any time, enter 'rs'

[nodemon] watching path(s): **

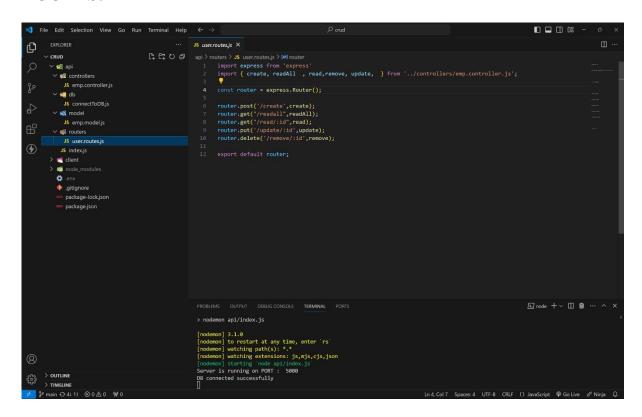
[nodemon] watching extensions: js,mjs,cjs,json

[nodemon] starting 'node apyl/index.js'

Server is running on PORT: 5000

OB connected successfully
Ln 17, Col 11 Spaces: 4 UTF-8 CRLF {} JavaScript @ Go Live
```

ROUTES:



CONTROLLERS:

CREATE:

READALL:

```
D
                                                               JS emp.controller.js ×
                                                                api > controllers > JS emp.controller.js > 分 remove

1 import Emp from "../model/emp.model.js";
       ∨ 🕰 api
∨ 🛍 controllers
                                                                 JS emp.controller.js

✓ 👊 db
            JS connectToDB.js
            JS emp.model.js
          ∨ 🐗 routers
            JS user.routes.is
        res.status(201).json({
   emps
})
             □ package-lock.json
□ package.json
                                                                           } catch (error) {
   console.log("Error in create controller : ",error.message);
   res.status(500).json({error:"Internal server Error"})
> OUTLINE > TIMELINE
```

READONE:

```
| Fire | Eat | Selection | View | Go | Run | Terminal | February |
```

UPDATE:

```
Tile Edit Selection View Go Run Terminal Help
Ð
                                                                        JS emp.controller.js X
                                                                        api \gt controllers \gt JS emp.controller.js \gt \textcircled{O} remove 1 import Emp from "../model/emp.model.js";
        ∨ CRUD
         ∨ 🚅 api
          3 > export async function create(req,res){...}
40 }
41
42 > export async function read(req,res){...}
58 }
59
60 > export async function readAll(req,res){...}
75 }
76
77 export async function update(req,res){...}
           ✓ d db

JS connectToDB.js
           ✓ 

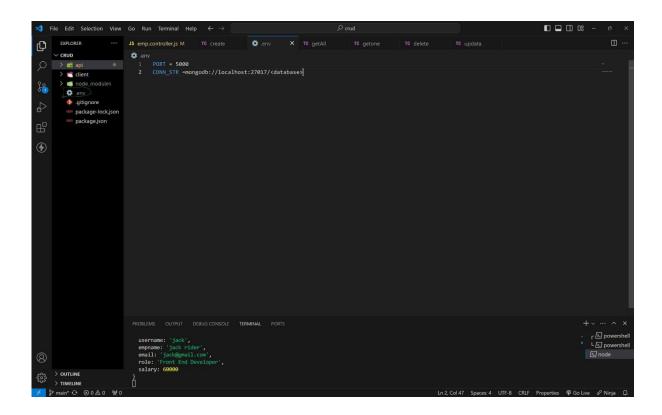
model

JS emp.model.js
           ✓ ા routers

JS user.routes.js
         > if client
> if node_modules
             gitignorepackage-lock.json
                                                                                           if(!emp) return res.status(404).ison({error:"emp not found!"});
               package.ison
                                                                                    > OUTLINE > TIMELINE
```

DELETE:

```
| No East Selection View & Go & Run | Nember | N
```



OUTPUT:

