Node JS Tutorial in Hindi #48 | REST API with Node.js & MongoDB | Save Form Data in MongoDB

Node JS Tutorial in Hindi #48 | REST API with Node.js & MongoDB | Save …

Save data with Form in MongoDB

Make html form

Make route to handle post request

Write code to add data in mongoDB

Test code and flow

Git link for code https://github.com/anil-sidhu/node-express-mongodb/tree/add-data-in-mongodb

index.js code

```javascript
import express from 'express'
import { MongoClient } from 'mongodb';


const dbName="school"
const url ="mongodb://localhost:27017"
const client= new MongoClient(url)


const app = express();
app.use(express.urlencoded({extended:true}))
app.use(express.json());


app.set("view engine",'ejs')
client.connect().then((connection)=>{
    const db =connection.db(dbName);

    app.get("/api",async (req,resp)=>{
        const collection =db.collection("students")
        const students= await collection.find().toArray();
        resp.send(students)
    })
     app.get("/ui",async (req,resp)=>{
        const collection =db.collection("students")
        const students= await collection.find().toArray();
        resp.render('students',{students})
    })


    app.get('/add',(req,resp)=>{
        resp.render('add-student')
    })


     app.post("/add-student",async (req,resp)=>{
        // console.log(req.body);

        const collection =db.collection("students")
        const result= await collection.insertOne(req.body)
```

```
        console.log(result);

        // const students= await collection.find().toArray();
        resp.send("data saved")
    })


    app.post("/add-student-api",async(req,resp)=>{
        console.log(req.body);
        const {name,age,email}= req.body;
        if(!name || !age || !email){
            resp.send({message:"operation failed",success:false})
            return false
        }
        const collection = db.collection("students");
        const result = await collection.insertOne(req.body)
        resp.send({message:"data stored",success:true,result:result})
    })


})

// app.set("view engine",'ejs')

app.listen(3200)
```

views/students.ejs

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
```

```html
</head>
<body>
    <h1>Data will be here</h1>

    <table border="1">
        <tr>
            <td>Name</td>
            <td>Age</td>
            <td>Email</td>
        </tr>

<% students.forEach(student=>{ %>
 <tr>
            <td><%=  student.name %></td>
             <td><%=  student.age %></td>
             <td><%=  student.email %></td>
        </tr>
<% }) %>

    </table>
</body>
</html>
```

views/add-student.ejs

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Add Students</title>
</head>
<body>
```

```html
    <form method="post" action="add-student">
            <input type="text" name="name" placeholder="enter student
name" />
            <br/><br/>
            <input type="text" name="email" placeholder="enter student
email" />
            <br/><br/>
            <input type="text" name="age" placeholder="enter student
age" />
            <br/><br/>
            <button>Add  new Student</button>
            </form>
</body>
</html>
```

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