Folder EAD8-Server

5 printable files

(file list disabled)

EAD8-Server\.gitignore

```
1  node_modules
2
```

EAD8-Server\server\app.js

```
1  const express = require('express')
2  const router = require('./routes/students')
3  const mongoose = require('mongoose')
4  const app = express()
5  const url = "mongodb://localhost:27017/cbit"
6
7  mongoose.connect(url)
8  const conn = mongoose.connection
9  conn.on('open', () => {
10     console.log("connection started")
11 })
12
13 app.use(express.json());
14 app.use('/students', router)
15
16 app.listen(3000, () => {
17     console.log('server is running on port 3000')
18 })
```

EAD8-Server\server\models\student.js

```
1  const mongoose = require('mongoose')
2  const studentSchema = new mongoose.Schema({
3      name: {
4          type: String,
5          required: true
6      },
7      rollNo: {
8          type: Number,
9          required: true
10     },
11     isPassed: {
12         type: Boolean,
13         default: false
14
15     }
16 })
17
18 module.exports = mongoose.model("Student", studentSchema)
```

EAD8-Server\server\package.json

```json
{
  "name": "server",
  "version": "1.0.0",
  "description": "",
  "main": "app.js",
  "scripts": {
    "start": "node app.js",
    "dev": "nodemon app.js",
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "Anvesh Nalimela <nalimelaanvesh@gmail.com>",
  "license": "ISC",
  "dependencies": {
    "express": "^4.19.2",
    "mongodb": "^6.8.0",
    "mongoose": "^8.5.2"
  },
  "devDependencies": {
    "nodemon": "^3.1.4"
  }
}
```

EAD8-Server\server\routes\students.js

```javascript
const express = require('express')
const router = express.Router()

const Student = require('../models/student')


router.get('/', async (req, res) => {
    try {
        const result = await Student.find({})
        res.json(result)
    } catch {
        console.log("error while fetching the data through get request")

    }
})

//Route the post the route
router.post('/', async (req, res) => {
    const student = new Student({
        name: req.body.name,
        rollNo: req.body.rollNo,
        isPassed: req.body.isPassed
    })
    try {
        console.log(student)

        const s = await student.save()
        res.json(s)
    } catch {
```

```javascript
            console.log("error while fetching the data through post request")
        }
})

//Route to find student with speciic id
router.get('/:id', async (req, res) => {
    const student = await Student.findById(req.params.id)
    res.json(student)
})

//Route to update the data
router.delete('/:id', async (req, res) => {
    const student = await Student.findByIdAndDelete(req.params.id)
    res.json(student)
})

router.patch('/:id', async (req, res) => {
    try {
        const student = await Student.findById(req.params.id)
        student.isPassed = true
        const s1 = await student.save()
        res.json(sq)
    }
    catch (err) {
        res.send('Error')
    }

})

module.exports = router
```