**connectDb.js**

import mongoose from "mongoose";

const connectDB = async(Database\_Url)=>

{

  try

  {

const DB\_Options = {

  dbName :"practice",

};

await mongoose.connect(Database\_Url, DB\_Options);

console.log("connected");

  }

  catch(error)

  { console.log("jjkjk");

    console.log("not connected")

  }

}

export default connectDB;

**app.js**

import express from "express";

import connectDB from './connectDb.js';

var app = express()

const port = 3001

const Database\_Url = process.env.Database\_Url || "mongodb://localhost:2717";

connectDB(Database\_Url);

app.listen(port,()=>

{

  console.log("Started at 30001")

})

**// Atlas Connection**

import express from "express";

import connectDB from './connectDb.js';

import {join} from "path";

var app = express()

const port = 3001

// const Database\_Url = process.env.Database\_Url || "mongodb://localhost:2717";

const Database\_Url = "mongodb+srv://user:password%40123@cluster0.sdtq1m5.mongodb.net/practiceDb?retryWrites=true&w=majority";

app.use(express.static(join(process.cwd(),"public")))

connectDB(Database\_Url);

app.listen(port,()=>

{

  console.log("Started at 30001")

})

**CRUD Operations**

**Student.js file**

**Add Schema and model here**

import mongoose from "mongoose";

const stu = new mongoose.Schema(

  {

  name:{type:String, required:true, trim:true},

  age:{type:Number, required:true},

  fees:{type:mongoose.Decimal128, required:true, validate:(value)=>

  value>5000.20}

  }

)

const stuModel = mongoose.model("student", stu);

export default stuModel;

**Add studentController.js**

import stuModel from '../models/employee.js';

class studentController {

  static getAll =async (req,res)=>

  {

   console.log("aaaa");

   try{

   const result = await stuModel.find()

 res.send(result)

   }

   catch(error)

   {

   res.send(error);

   }

  }

  static getById =async (req,res)=>

  {

    console.log("o")

  try{

   const result = await stuModel.findById(req.params.id)

 res.send(result)

   }

   catch(error)

   {

   res.send(error);

   }

  }

  static createDoc = async (req,res)=>

  {

    const {name,age,fees} =  req.body;

    const doc = new stuModel(

      { name: name,

      age : age,

      fees: fees}

    )

    const result = await doc.save();

    res.send(result);

  }

}

export default studentController;

**Add Web.js file for routes**

import express from "express";

const router = express.Router();

import studentController from '../controllers/studentController.js';

router.get("/", studentController.getAll);

router.get("/:id", studentController.getById);

router.post("/add", studentController.createDoc);

export default router;

import in app.js file

import express from "express";

import connectDB from './connectDb.js';

import {join} from "path";

import web from './routes/web.js';

var app = express()

const port = 3001

app.set("view engine", "ejs");

app.use(express.json());

app.use("/api", web);

// const Database\_Url = process.env.Database\_Url || "mongodb://localhost:2717";

const Database\_Url = "mongodb+srv://user:password%40123@cluster0.sdtq1m5.mongodb.net/practiceDb?retryWrites=true&w=majority";

app.use(express.static(join(process.cwd(),"public")))

connectDB(Database\_Url);

app.listen(port,()=>

{

  console.log("Started at 30001")

})