const express = require('express');

const mongoose = require('mongoose');

const bodyParser = require('body-parser');

const Employee = require('./models/employee');

const app = express();

app.use(bodyParser.json());

// Connect to MongoDB

mongoose.connect('mongodb://localhost/employee-management', { useNewUrlParser: true });

// Add Employee

app.post('/employees', (req, res) => {

const employee = new Employee(req.body);

employee.save((err, employee) => {

if (err) res.status(500).send(err);

res.status(201).json(employee);

});

});

// List Employees

app.get('/employees', (req, res) => {

Employee.find({}, (err, employees) => {

if (err) res.status(500).send(err);

res.json(employees);

});

});

// Update Employee

app.put('/employees/:id', (req, res) => {

Employee.findByIdAndUpdate(req.params.id, req.body, { new: true }, (err, employee) => {

if (err) res.status(500).send(err);

res.json(employee);

});

});

// Delete Employee

app.delete('/employees/:id', (req, res) => {

Employee.findByIdAndRemove(req.params.id, (err) => {

if (err) res.status(500).send(err);

res.status(204).send();

});

});

// View Employee

app.get('/employees/:id', (req, res) => {

Employee.findById(req.params.id, (err, employee) => {

if (err) res.status(500).send(err);

res.json(employee);

});

});

app.listen(3000, () => {

console.log('Server running on port 3000');

});