const express = require('express');

const router = express.Router();

const Task = require('../models/Task');

// GET all tasks

router.get('/tasks', async (req, res) => {

try {

const tasks = await Task.find();

res.json(tasks);

} catch (err) {

res.status(500).json({ message: err.message });

}

});

// POST a new task

router.post('/tasks', async (req, res) => {

const task = new Task({

title: req.body.title,

description: req.body.description,

dueDate: req.body.dueDate

});

try {

const newTask = await task.save();

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

} catch (err) {

res.status(400).json({ message: err.message });

}

});

// GET a single task by ID

router.get('/tasks/:id', getTask, (req, res) => {

res.json(res.task);

});

// PUT update a task by ID

router.put('/tasks/:id', getTask, async (req, res) => {

if (req.body.title != null) {

res.task.title = req.body.title;

}

if (req.body.description != null) {

res.task.description = req.body.description;

}

if (req.body.dueDate != null) {

res.task.dueDate = req.body.dueDate;

}

try {

const updatedTask = await res.task.save();

res.json(updatedTask);

} catch (err) {

res.status(400).json({ message: err.message });

}

});

// DELETE a task by ID

router.delete('/tasks/:id', getTask, async (req, res) => {

try {

await res.task.remove();

res.json({ message: 'Task deleted' });

} catch (err) {

res.status(500).json({ message: err.message });

}

});

async function getTask(req, res, next) {

try {

task = await Task.findById(req.params.id);

if (task == null) {

return res.status(404).json({ message: 'Cannot find task' });

}

} catch (err) {

return res.status(500).json({ message: err.message });

}

res.task = task;

next();

}

module.exports = router;