const express = require('express');

const mongoose = require('mongoose');

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

const cors = require('cors');

const app = express();

const PORT = 5000;

// Connect to MongoDB

mongoose.connect('mongodb://localhost:27017/crime-tracker', { useNewUrlParser: true, useUnifiedTopology: true })

  .then(() => console.log('Connected to MongoDB'))

  .catch(err => console.log('MongoDB connection error:', err));

// Crime Schema

const crimeSchema = new mongoose.Schema({

  type: String,

  location: String,

  date: String,

  description: String,

});

const Crime = mongoose.model('Crime', crimeSchema);

// Middleware

app.use(cors());

app.use(bodyParser.json());

// Routes

// Get all crimes

app.get('/api/crimes', async (req, res) => {

  try {

    const crimes = await Crime.find();

    res.json(crimes);

  } catch (err) {

    res.status(500).send('Error fetching crimes');

  }

});

// Add a new crime

app.post('/api/crimes', async (req, res) => {

  const { type, location, date, description } = req.body;

  const newCrime = new Crime({ type, location, date, description });

  try {

    await newCrime.save();

    res.status(201).send('Crime added');

  } catch (err) {

    res.status(500).send('Error saving crime');

  }

});

app.listen(PORT, () => {

  console.log(`Server running on http://localhost:${PORT}`);

});