const express = require('express');

const mongoose = require('mongoose');

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

const app = express();

const PORT = process.env.PORT || 3000;

// Connect to MongoDB

mongoose.connect('mongodb://localhost/mobile\_shopping', { useNewUrlParser: true, useUnifiedTopology: true });

// Define a product schema

const productSchema = new mongoose.Schema({

name: String,

description: String,

price: Number,

});

// Create a Product model

const Product = mongoose.model('Product', productSchema);

// Middleware

app.use(bodyParser.urlencoded({ extended: true }));

app.use(bodyParser.json());

// Routes

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

try {

const products = await Product.find();

res.json(products);

} catch (error) {

res.status(500).json({ error: 'Internal Server Error' });

}

});

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

const { name, description, price } = req.body;

if (!name || !description || !price) {

return res.status(400).json({ error: 'Please provide all required fields.' });

}

try {

const newProduct = new Product({

name,

description,

price,

});

await newProduct.save();

res.json({ message: 'Product added successfully.' });

} catch (error) {

res.status(500).json({ error: 'Internal Server Error' });

}

});

// Start the server

app.listen(PORT, () => {

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

});