const jwt = require('jsonwebtoken');

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

// Signup controller

const signup = async (req, res) => {

const { name, email, password } = req.body;

// Check if user already exists

const userExists = await User.findOne({ email });

if (userExists) {

return res.status(400).json({ message: 'User already exists' });

}

try {

// Create new user

const user = new User({ name, email, password });

await user.save();

// Generate JWT token

const token = jwt.sign({ id: user.\_id }, process.env.JWT\_SECRET, {

expiresIn: '1h',

});

res.status(201).json({ message: 'User created successfully', token });

} catch (error) {

res.status(500).json({ message: 'Server error', error });

}

};

// Signin controller

const signin = async (req, res) => {

const { email, password } = req.body;

try {

// Find user by email

const user = await User.findOne({ email });

if (!user) {

return res.status(400).json({ message: 'Invalid credentials' });

}

// Check if password matches

const isMatch = await user.matchPassword(password);

if (!isMatch) {

return res.status(400).json({ message: 'Invalid credentials' });

}

// Generate JWT token

const token = jwt.sign({ id: user.\_id }, process.env.JWT\_SECRET, {

expiresIn: '1h',

});

res.status(200).json({ message: 'Login successful', token });

} catch (error) {

res.status(500).json({ message: 'Server error', error });

}

};

module.exports = { signup, signin };