const mongoose = require('mongoose');

// Define the package schema

const packageSchema = new mongoose.Schema({

  name: {

    type: String,

    required: true

  },

  description: {

    type: String,

    required: true

  },

  price: {

    type: Number,

    required: true

  },

  duration: {

    type: String,

    required: true

  }

});

// Create the package model

const Package = mongoose.model('Package', packageSchema);

// Create package

const createPackage = async (packageData) => {

  try {

    const packageDoc = new Package(packageData);

    await packageDoc.save();

    return packageDoc;

  } catch (error) {

    throw error;

  }

};

// Get all packages

const getPackages = async () => {

  try {

    const packages = await Package.find().exec();

    return packages;

  } catch (error) {

    throw error;

  }

};

// Get package

const getPackage = async (packageId) => {

  try {

    const packageDoc = await Package.findById(packageId).exec();

    return packageDoc;

  } catch (error) {

    throw error;

  }

};

// Update package

const updatePackage = async (packageId, packageData) => {

  try {

    const packageDoc = await Package.findByIdAndUpdate(packageId, packageData, { new: true });

    return packageDoc;

  } catch (error) {

    throw error;

  }

};

// Delete package

const deletePackage = async (packageId) => {

  try {

    await Package.findByIdAndRemove(packageId);

  } catch (error) {

    throw error;

  }

};

module.exports = {

  createPackage,

  getPackages,

  getPackage,

  updatePackage,

  deletePackage

};