const cron = require('node-cron');

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

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

// Cron job to run daily at midnight

cron.schedule('0 0 \* \* \*', async () => {

  try {

    // Find all users with active packages

    const users = await User.find({ package: { $ne: null } });

    users.forEach(async (user) => {

      // Calculate daily profits

      const packageDetails = await Package.findById(user.package);

      let dailyProfits;

      switch (packageDetails.type) {

        case 'basic':

          dailyProfits = (user.investmentAmount \* packageDetails.dailyProfitPercentage) / 100;

          break;

        case 'premium':

          dailyProfits = (user.investmentAmount \* packageDetails.dailyProfitPercentage \* 1.2) / 100;

          break;

        default:

          dailyProfits = 0;

      }

      // Update user balance

      user.balance += dailyProfits;

      await user.save();

    });

  } catch (error) {

    console.error(error);

  }

});