package com.example.demo.config;

import jakarta.persistence.EntityManagerFactory;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.Configuration;

import org.springframework.data.jpa.repository.config.EnableJpaRepositories;

import org.springframework.orm.jpa.JpaTransactionManager;

import org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean;

import org.springframework.orm.jpa.vendor.HibernateJpaVendorAdapter;

import javax.sql.DataSource;

@Configuration

@EnableJpaRepositories(basePackages = "com.example.demo.repository")

public class DBConfig {

@Bean

public LocalContainerEntityManagerFactoryBean entityManagerFactory(

DataSource dataSource, HibernateJpaVendorAdapter jpaVendorAdapter) {

LocalContainerEntityManagerFactoryBean em = new LocalContainerEntityManagerFactoryBean();

em.setDataSource(dataSource);

em.setPackagesToScan("com.example.demo.repository");

em.setJpaVendorAdapter(jpaVendorAdapter);

return em;

}

@Bean

public JpaTransactionManager transactionManager(EntityManagerFactory entityManagerFactory) {

JpaTransactionManager transactionManager = new JpaTransactionManager();

transactionManager.setEntityManagerFactory(entityManagerFactory);

return transactionManager;

}

@Bean

public HibernateJpaVendorAdapter jpaVendorAdapter() {

// Configure JPA vendor adapter properties if needed

return new HibernateJpaVendorAdapter();

}

}