DAY7\_SPRING

package com.example.demo.Controller;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.web.bind.annotation.CrossOrigin;

import org.springframework.web.bind.annotation.DeleteMapping;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.PostMapping;

import org.springframework.web.bind.annotation.PutMapping;

import org.springframework.web.bind.annotation.RequestBody;

import org.springframework.web.bind.annotation.RestController;

import com.example.demo.Entity.entity;

import com.example.demo.Service.service;

*@RestController*

*@CrossOrigin*

public class controller {

*@Autowired*(required=true)

service st;

*@PostMapping*("/addDetails")

public entity addinfo(*@RequestBody* entity s) {

return st.saveDetails(s);

}

*@GetMapping*("/showDetails")

public List<entity> fetchDetails(){

return st.getDetails();

}

*@PutMapping*("/updateDetails")

public entity updateinfo(*@RequestBody* entity s1) {

return st.updateDetails(s1);

}

*@DeleteMapping*("/deleteDetails/{bid}")

public String deleteInfo(*@PathVariable*("bid") int bid) {

st.deleteDetails(bid);

return "deleted";

}}

package com.example.demo.Entity;

import java.util.List;

import jakarta.persistence.Entity;

import jakarta.persistence.Id;

import jakarta.persistence.OneToMany;

import jakarta.persistence.Table;

*@Entity*

*@Table*(name="Customer")

public class entity {

*@Id*

private int eid;

private String efname;

private String elname;

private String email;

private long mobile;

private String address;

public int getEid() {

return eid;

}

public void setEid(int eid) {

this.eid = eid;

}

public String getEfname() {

return efname;

}

public void setEfname(String efname) {

this.efname = efname;

}

public String getElname() {

return elname;

}

public void setElname(String elname) {

this.elname = elname;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public long getMobile() {

return mobile;

}

public void setMobile(long mobile) {

this.mobile = mobile;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public entity(int eid, String efname, String elname, String email, long mobile, String address) {

super();

this.eid = eid;

this.efname = efname;

this.elname = elname;

this.email = email;

this.mobile = mobile;

this.address = address;

}

public entity() {

}

public String toString() {

return "eid= "+eid+"efname= "+efname+"elname= "+elname+"email= "+email+"mobile= "+mobile+"address= "+address;

}

}

package com.example.demo.Repository;

import java.util.List;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Modifying;

import org.springframework.data.jpa.repository.Query;

import org.springframework.data.repository.query.Param;

import org.springframework.stereotype.Repository;

import com.example.demo.Entity.entity;

import jakarta.transaction.Transactional;

*@Repository*

public interface repository extends JpaRepository<entity,Integer>{

}

package com.example.demo.Service;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.data.domain.Page;

import org.springframework.data.domain.PageRequest;

import org.springframework.data.domain.Sort;

import org.springframework.stereotype.Service;

import org.springframework.web.bind.annotation.PathVariable;

import com.example.demo.Entity.entity;

import com.example.demo.Repository.repository;

*@Service*

public class service {

*@Autowired*(required=true)

repository srep;

public entity saveDetails(entity e)

{

return srep.save(e);

}

public List<entity> getDetails()

{

return srep.findAll();

}

public entity updateDetails(entity e1)

{

return srep.saveAndFlush(e1);

}

public void deleteDetails(int n)

{

srep.deleteById(n);

}

}

spring.datasource.url:jdbc:mysql://localhost:3306/safewheels

spring.datasource.username=root

spring.datasource.password=#language123

spring.jpa.show-sql=true

spring.jpa.generate-ddl=true

spring.jpa.hibernate.ddl-auto=update

spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQLDialect