Controller :

package com.app.controller;

import java.util.List;

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

import org.springframework.stereotype.Controller;

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

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

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

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

import org.springframework.web.servlet.ModelAndView;

import com.app.model.Employee;

import com.app.service.IEmployeeService;

@Controller

public class EmployeeController {

@Autowired

private IEmployeeService empService;

@RequestMapping("/")//GET

public ModelAndView showRegPage(){

/\*\*//\*\*(1)

\* ModelAndView mav=new ModelAndView();

\* mav.setViewName("Register");

\*//\*

\*//\*\*(2)

\* ModelAndView mav=new ModelAndView("Register");

\*//\*

\*//\*\*

\* (3)

\*//\*

\*/ System.out.println("home page");

return new ModelAndView("Registers");

}

@RequestMapping(value="/insert",method=RequestMethod.POST)

public ModelAndView insertObject(@ModelAttribute("employee")Employee emp){

empService.saveEmployeeObject(emp);

ModelAndView mav=new ModelAndView("Registers");

mav.addObject("msg", "Employee Added:"+emp.getEmpId());

return mav;

}

/\*@RequestMapping("check")

public @ResponseBody String showMsgCheck(@RequestParam("eid")int id){

String resMsg="";

boolean status=empService.checkIdExistOrNot(id);

if(status)

resMsg=id+" is already Exist";

return resMsg;

}

\*/

@RequestMapping("/viewAll")

public ModelAndView showAllRec(){

List<Employee> empList= empService.getAllEmployeeObjts();

ModelAndView mav=new ModelAndView("ShowPage");

mav.addObject("empListObj", empList);

return mav;

}

@RequestMapping("/delete")

public ModelAndView deleteEmployeeRec(@RequestParam("id")int empId){

empService.deleteEmployeeById(empId);

ModelAndView mav=new ModelAndView();

mav.setViewName("Registers");

mav.addObject("msg", "Deleted successfully:"+empId);

return mav;

}

@RequestMapping("/update")

public ModelAndView getUpdateEmployeeObj(@RequestParam("id")int empId){

Employee employee=empService.getEmployeeById(empId);

ModelAndView mav=new ModelAndView("Update");

mav.addObject("emp", employee);

return mav;

}

@RequestMapping(value="/updateRecord",method=RequestMethod.POST)

public ModelAndView updateEmp(@ModelAttribute("employee")Employee emp){

empService.updateEmployee(emp);

ModelAndView mav=new ModelAndView();

mav.setViewName("Registers");

mav.addObject("msg", "RecordUpdatedSuccessfully"+emp.getEmpId());

return mav;

}

@RequestMapping(value="/getEmloyee")

public ModelAndView getEmployeeById(@RequestParam("id")int empId) {

System.out.println("Hi anushka"+empId);

Employee empObj=empService.getEmployeeById(empId);

//System.out.println(empObj.getEmpName());

ModelAndView mav=new ModelAndView();

mav.setViewName("emp");

mav.addObject("empObj", empObj);

return mav;

}

}

Dao :

package com.app.dao;

import java.util.List;

import com.app.model.Employee;

public interface IEmployeeDao {

public void saveEmployeeObject(Employee emp);

public List<Employee> getAllEmployeeObjts();

public void deleteEmployeeById(int empId);

public Employee getEmployeeById(int empId);

public void updateEmployee(Employee emp);

public boolean checkIdExistOrNot(int empId);

}

Dao impl :

package com.app.dao.impl;

import java.util.List;

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

import org.springframework.orm.hibernate3.HibernateTemplate;

import org.springframework.stereotype.Repository;

import com.app.dao.IEmployeeDao;

import com.app.model.Employee;

@Repository("empDao")

public class EmployeeDaoHibernateImpl implements IEmployeeDao {

@Autowired

private HibernateTemplate template;

@Override

public void saveEmployeeObject(Employee emp) {

template.save(emp);

}

@Override

public List<Employee> getAllEmployeeObjts() {

List<Employee> empList=template.loadAll(Employee.class);

return empList;

}

@Override

public void deleteEmployeeById(int empId) {

Employee entity=new Employee();

entity.setEmpId(empId);

template.delete(entity);

}

@Override

public Employee getEmployeeById(int empId) {

Employee employee=template.get(Employee.class, empId);

return employee;

}

@Override

public void updateEmployee(Employee emp) {

template.update(emp);

}

@Override

public boolean checkIdExistOrNot(int empId) {

// TODO Auto-generated method stub

return false;

}

}

Service :

package com.app.service;

import java.util.List;

import com.app.model.Employee;

public interface IEmployeeService {

public void saveEmployeeObject(Employee emp);

public List<Employee> getAllEmployeeObjts() ;

public void deleteEmployeeById(int empId);

public Employee getEmployeeById(int empId);

public void updateEmployee(Employee emp) ;

}

Service impl :

package com.app.service.impl;

import java.util.List;

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

import org.springframework.stereotype.Service;

import com.app.dao.IEmployeeDao;

import com.app.model.Employee;

import com.app.service.IEmployeeService;

@Service("empService")

public class EmployeeServiceImpl implements IEmployeeService{

@Autowired

private IEmployeeDao empDao;

@Override

public void saveEmployeeObject(Employee emp) {

//logic

empDao.saveEmployeeObject(emp);

}

@Override

public List<Employee> getAllEmployeeObjts() {

List<Employee> list=empDao.getAllEmployeeObjts();

return list;

}

@Override

public void deleteEmployeeById(int empId) {

empDao.deleteEmployeeById(empId);

}

@Override

public Employee getEmployeeById(int empId) {

Employee emp=empDao.getEmployeeById(empId);

return emp;

}

@Override

public void updateEmployee(Employee emp) {

empDao.updateEmployee(emp);

}

}

Model :

package com.app.model;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="emptab")

public class Employee {

@Id

@Column(name="eid")

private int empId;

@Column(name="ename")

private String empName;

@Column(name="esal")

private double empSal;

public Employee() {

super();

}

public Employee(int empId, String empName, double empSal) {

super();

this.empId = empId;

this.empName = empName;

this.empSal = empSal;

}

public int getEmpId() {

return empId;

}

public void setEmpId(int empId) {

this.empId = empId;

}

public String getEmpName() {

return empName;

}

public void setEmpName(String empName) {

this.empName = empName;

}

public double getEmpSal() {

return empSal;

}

public void setEmpSal(double empSal) {

this.empSal = empSal;

}

@Override

public String toString() {

return "Employee [empId=" + empId + ", empName=" + empName

+ ", empSal=" + empSal + "]";

}

}

Jsps :

emp.jsp:

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"getEmloyee?id=* ${empObj.empId}*"*>

Eid<input type=*"text"* name=*"id"* value=*"* ${empObj.empId}*"*/>

<input type=*"submit"* value=*"search"*>

</form>

<h2>Employee Records are</h2>

<table border=*"1"*>

<tr>

<th>ID</th><th>Name</th><th>Salary</th>

</tr>

<tr>

<td><c:out value=*""*/> ${empObj.empId}</td>

<td><c:out value=*""*/> ${empObj.empName}</td>

<td><c:out value=*""*/> ${empObj.empSal}</td>

</tr>

</table>

</body>

</html>

Home.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<script src=*"http://code.jquery.com/jquery-1.12.0.min.js"*></script>

<script type=*"text/javascript"*>

$(document).ready(**function**(){

$("#abc").blur(**function**(){

$.ajax({

url:'check',

data:{"eid":$("#abc").val()},

success:**function**(reText){

**if**(reText!="")

$("#abc").val("");

$("#msg").text(reText);

}

});

});

});

</script>

</head>

<body>

<h2>Welcome to Home Page</h2>

<form action=*"insert"* method=*"post"*>

<pre>

<!-- Enter Id: <input type="text" name="empId" id="abc"/><span id="msg"></span>

Enter name: <input type="text" name="empName"/>

Enter sal: <input type="text" name="empSal"/>

<input type="submit" value="Insert"/>

</pre> -->

</form>

${msg}

<a href=*"viewAll"*>View All Records</a>

</body>

</html>

Registers.jsp :

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<head>

<script src=*"http://code.jquery.com/jquery-1.12.0.min.js"*></script>

<script type=*"text/javascript"*>

$(document).ready(**function**(){

$("#abc").blur(**function**(){

$.ajax({

url:'check',

data:{"eid":$("#abc").val()},

success:**function**(reText){

**if**(reText!="")

$("#abc").val("");

$("#msg").text(reText);

}

});

});

});

</script>

</head>

</head>

<body>

<h2>Welcome to Reg Page</h2>

<form action=*"insert"* method=*"post"*>

<pre>

Enter Id: <input type=*"text"* name=*"empId"*/>

Enter name: <input type=*"text"* name=*"empName"*/>

Enter sal: <input type=*"text"* name=*"empSal"*/>

<input type=*"submit"* value=*"Insert"*/>

</pre>

</form>

${msg}

<a href=*"viewAll"*>View All Records</a>

<a href=*"getEmloyee?id=*${empObj.empId}*"*>getEmployee</a>

</body>

</html>

ShowPage.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@taglib prefix=*"c"* uri=*"http://java.sun.com/jsp/jstl/core"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

</head>

<body>

<h2>Employee Records are</h2>

<table border=*"1"*>

<tr>

<th>ID</th><th>Name</th><th>Salary</th>

</tr>

<c:forEach items=*"*${empListObj}*"* var=*"emp"*>

<tr>

<td><c:out value=*"*${emp.empId}*"*/></td>

<td><c:out value=*"*${emp.empName}*"*/></td>

<td><c:out value=*"*${emp.empSal}*"*/></td>

<td><a href=*"delete?id=*${emp.empId}*"*>Delete</a></td>

<td><a href=*"update?id=*${emp.empId}*"*>Update</a></td>

<td><a href=*"getEmloyee?id=*${emp.empId}*"*>empDetails</a></td>

</tr>

</c:forEach>

</table>

</body>

</html>

Update.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

</head>

<body>

<h1>Update JSP Page</h1>

<form action=*"updateRecord"* method=*"post"*>

<pre>

Id : <input type=*"text"* value=*"*${emp.empId}*"* name=*"empId"* readonly=*"readonly"*/>

Name : <input type=*"text"* value=*"*${emp.empName}*"* name=*"empName"* readonly=*"readonly"*/>

Sal : <input type=*"text"* value=*"*${emp.empSal}*"* name=*"empSal"*/>

<input type=*"submit"* value=*"Update"*>

</pre>

</form>

</body>

</html>

sample-servlet.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<beans xmlns=*"http://www.springframework.org/schema/beans"*

xmlns:context=*"http://www.springframework.org/schema/context"*

xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xsi:schemaLocation=*"http://www.springframework.org/schema/beans*

*http://www.springframework.org/schema/beans/spring-beans.xsd*

*http://www.springframework.org/schema/context*

*http://www.springframework.org/schema/context/spring-context.xsd"*>

<!-- Activate Annotations-->

<context:annotation-config/>

<context:component-scan base-package=*"com.app"*/>

<!-- View Resolver -->

<bean class=*"org.springframework.web.servlet.view.InternalResourceViewResolver"*>

<property name=*"prefix"* value=*"/WEB-INF/jsps/"*/>

<property name=*"suffix"* value=*".jsp"*/>

</bean>

<!-- DMDS,ASFB,HT -->

<bean class=*"org.springframework.jdbc.datasource.DriverManagerDataSource"* name=*"dsObj"*>

<property name=*"driverClassName"* value=*"oracle.jdbc.driver.OracleDriver"*/>

<property name=*"url"* value=*"jdbc:oracle:thin:@localhost:1521:xe"*/>

<property name=*"username"* value=*"system"*/>

<property name=*"password"* value=*"oracle"*/>

</bean>

<bean class=*"org.springframework.orm.hibernate3.annotation.AnnotationSessionFactoryBean"* name=*"sfObj"*>

<property name=*"dataSource"* ref=*"dsObj"*/>

<property name=*"hibernateProperties"*>

<props>

<prop key=*"hibernate.hbm2ddl.auto"*>update</prop>

<prop key=*"hibernate.show\_sql"*>true</prop>

<prop key=*"hibernate.dialect"*>org.hibernate.dialect.OracleDialect</prop>

</props>

</property>

<property name=*"annotatedClasses"*>

<list>

<value>com.app.model.Employee</value>

</list>

</property>

</bean>

<bean class=*"org.springframework.orm.hibernate3.HibernateTemplate"* name=*"template"*>

<property name=*"sessionFactory"* ref=*"sfObj"*/>

</bean>

</beans>

Web.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<servlet>

<servlet-name>sample</servlet-name>

<servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>sample</servlet-name>

<url-pattern>/</url-pattern>

</servlet-mapping>

<!-- <welcome-file-list>

<welcome-file>Home.jsp</welcome-file>

</welcome-file-list> -->

</web-app>