**Assignment Day 16**

**Duration 90 Min**

Create a web application using Spring MVC to capture the employee details mentioned in Employee bean with data members -empcode,empname,salary.

Map the data to model(bean) and show the details in Welcome.jsp with Welcome message like(!!Welcome employee name your empcode and salary successfully updated to bean).

Index.html

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<h1><a href=*"Login.htm"*> Click here to login </a>

</h1>

</body>

</html>

Webcontent rightclick – Login.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>

<font color=red size=12>${errorMsg}</font>

<form action=*"validateUser.htm"*>

username:<br>

<input type=*"text"* name=*"uname"*/><br>

password:<br>

<input type=*"password"* name=*"pass"*/><br>

</form>

</body>

</html>

Firstcontroller.java

package com.verizon.controllers;

import org.springframework.stereotype.Controller;

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

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

import org.springframework.web.servlet.ModelAndView;

@Controller

public class FirstController {

@RequestMapping("Login.htm")

public String sayHello()

{

return "Login.jsp";

}

@RequestMapping("validateUser.htm")

public ModelAndView validateUser(@RequestParam("uname") String username,@RequestParam("pass") String password)

{

ModelAndView mv=new ModelAndView();

if(username.equals("spring") && password.equals("mvc"))

{

// to add username to the internal map of modelandview

mv.addObject("user", username);

mv.setViewName("addEmloyee.jsp");

}

else

{

mv.addObject("errorMsg","username or password invalid");

mv.setViewName("Login.jsp");

}

return mv;

}

@RequestMapping("addEmp.htm")

public ModelAndView addEmployee(@RequestParam("empCode") int ecode,@RequestParam("empName") String ename,@RequestParam("salary") int salary)

{

ModelAndView mv=new ModelAndView();

mv.addObject("ecode", ecode);

mv.addObject("ename", ename);

mv.addObject("salary", salary);

mv.setViewName("welcome.jsp");

return mv;

}

}

Webcontent-rightclick addEmployee.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=*"addEmp.htm"*>

Employee Code :<br>

<input type=*"text"* name=*"empCode"*/>

<br>

Employee Name :<br>

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

<br>

Salary :<br>

<input type=*"text"* name=*"salary"*/>

<br>

<input type=*"submit"* name=*"Add Employee"*/>

</form>

</body>

</html>

Welcome.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>

<h1 style=color:*pink* >Employee Details : </h1>

<h2>

Employee code: ${ecode}

Employee name: ${ename}

Employee salary: ${salary}

</h2>

</body>

</html>

Dispatcher servlet(no changes)

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

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

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

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

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-4.1.xsd"*>

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

</beans>

Web.xml (no changes)

<?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\_3\_0.xsd"* version=*"3.0"*>

<display-name>SpringMVCExample</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

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

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

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

</welcome-file-list>

<servlet>

<servlet-name>dispatcher</servlet-name>

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

</servlet>

<servlet-mapping>

<servlet-name>dispatcher</servlet-name>

<url-pattern>\*.htm</url-pattern>

</servlet-mapping>

</web-app>

Output:

# [Click here to login](http://localhost:8080/SpringMVCExample/Login.htm)

username:  
  
password:  
  


Employee Code :  
   
Employee Name :  
   
Salary :  
   


# Employee Details :

## Employee code: 101 Employee name: krithi Employee salary: 5000

username or password invalid

Top of Form

username:  
  
password:  
  


Bottom of Form