**Spring MVC**

Create a dynamic web project “SpringMVC”

Add Spring MVC libraries into WEB-INF/lib folder

In Spring MVC the front end controller is DispatcherServlet.

Create table springusers as follows

CREATE TABLE springusers (username varchar(10),password varchar(10));

INSERT INTO springusers VALUES (‘raj’,’raj’);

**Create login.jsp as follows**

<form action=*"login.do"*>

Username <input type=*"text"* name=*"username"*/><br>

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

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

</form>

**Create LoginControl.java as follows**

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** org.springframework.web.servlet.ModelAndView;

**import** org.springframework.web.servlet.mvc.Controller;

**public** **class** LoginController **implements** Controller {

VerifyService vs;

**public** **void** setVs(VerifyService vs)

{

**this**.vs=vs;

}

**public** ModelAndView handleRequest(HttpServletRequest request,HttpServletResponse response) **throws** Exception

{

String username = request.getParameter("username");

String password = request.getParameter("password");

**int** k = vs.verifydata(username,password);

**if** (k==1)

**return** **new** ModelAndView("success.jsp");

**else**

**return** **new** ModelAndView("failure.jsp");

}

}

**Create VerifyService.java as follows (Model)**

**import** org.springframework.jdbc.core.\*;

**public** **class** VerifyService {

JdbcTemplate jt;

**public** **void** setJt(JdbcTemplate jt)

{

**this**.jt=jt;

}

**public** **int** verifydata(String username,String password)

{

**int** m=0;

m = jt.queryForInt("select count(\*) from springusers where username='"+username+"' and password='"+password+"'");

**return** m;

}

}

**Create success.jsp as follows**

<%

out.println("Login Success");

%>

**Create failure.jsp as follows**

<%

out.println("login failure");

%>

**Copy the following code in 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\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<servlet>

<servlet-name>loginapp</servlet-name>

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

</servlet>

<servlet-mapping>

<servlet-name>loginapp</servlet-name>

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

</servlet-mapping>

</web-app>

**Create loginapp-servlet.xml in WEB-INF as follows (The name should be servlet-name-servlet.xml where servlet-name is the servlet name given in <servlet-name> element of web.xml file)**

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

<!DOCTYPE beans PUBLIC "-//SPRING//DTD BEAN 2.0//EN" "http://www.springframework.org/dtd/spring-beans-2.0.dtd">

<beans>

<bean id=*"id1"* class=*"org.springframework.web.servlet.handler.SimpleUrlHandlerMapping"*>

<property name=*"mappings"*>

<props>

<prop key=*"login.do"*>id2</prop>

</props>

</property>

</bean>

<bean id=*"id2"* class=*"LoginController"*>

<property name=*"vs"*>

<ref bean=*"id3"*/>

</property>

</bean>

<bean id=*"id3"* class=*"VerifyService"*>

<property name=*"jt"*>

<ref bean=*"id4"*/>

</property>

</bean>

<bean id=*"id4"* class=*"org.springframework.jdbc.core.JdbcTemplate"*>

<constructor-arg ref=*"id5"*/>

</bean>

<bean id=*"id5"* class=*"org.springframework.jdbc.datasource.DriverManagerDataSource"*>

<property name=*"driverClassName"*>

<value>oracle.jdbc.driver.OracleDriver</value>

</property>

<property name=*"url"*>

<value>jdbc:oracle:thin:@localhost:1521:orcl</value>

</property>

<property name=*"username"*>

<value>scott</value>

</property>

<property name=*"password"*>

<value>tiger</value>

</property>

</bean>

</beans>

Run the application login.jsp