

Ass8

LoginAction.java

```
package com.myapp.struts;
import javax.servlet.http.HttpServletRequest;
import org.apache.struts.action.ActionErrors;
import org.apache.struts.action.ActionMapping;
import com.opensymphony.xwork2.ActionSupport;
import org.apache.struts.action.ActionMessage;
public class LoginAction extends ActionSupport {

    private String name;
    private String mobileno;
    private String email;

    public String getMobileno() {
        return mobileno;
    }

    public void setMobileno(String mobileno) {
        this.mobileno = mobileno;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        this.email = email;
    }

    public String getName() {
        return name;
    }

    public void setName(String string) {
        name = string;
    }

    public LoginAction() {
        super();
    }

    public ActionErrors validate(ActionMapping mapping, HttpServletRequest request) {
        ActionErrors errors = new ActionErrors();

        if (name == null || name.trim().equals("")) {
            errors.add("name", new ActionMessage("error.name.required"));
        } else if (!name.matches("[a-zA-Z ]+")) {
            errors.add("name", new ActionMessage("error.name.invalid"));
        }
    }
}
```

```

    }

    if (mobilenumber == null || mobilenumber.trim().equals("")) {
        errors.add("mobile", new ActionMessage("error.mobile.required"));
    } else if (!mobilenumber.matches("\\d{10}")) {
        errors.add("mobile", new ActionMessage("error.mobile.invalid"));
    }

    if (email == null || email.trim().equals("")) {
        errors.add("email", new ActionMessage("error.email.required"));
    } else if (!email.matches("[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\\.[a-zA-Z]{2,}")) {
        errors.add("email", new ActionMessage("error.email.invalid"));
    }

    return errors;
}
}

```

web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app version="3.1"
xmlns="http://xmlns.jcp.org/xml/ns/javaee"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
http://xmlns.jcp.org/xml/ns/javaee/web-app_3_1.xsd">
    <filter>
        <filter-name>Login Validation</filter-name>
        <filter-class>org.apache.struts2.dispatcher.FilterDispatcher</filter-class>
    </filter>
    <filter-mapping>
        <filter-name>struts2</filter-name>
        <url-pattern>/*</url-pattern>
    </filter-mapping>
    <welcome-file-list>
        <welcome-file>login.jsp</welcome-file>
    </welcome-file-list>
</web-app>

```

struts.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE struts-config PUBLIC
"-//Apache Software Foundation//DTD Struts Configuration 1.3//EN"
"http://struts.apache.org/dtds/struts-config_1_3.dtd">
<struts-config>
    <form-beans>
        <form-bean name="LoginForm" type="com.example.struts.LoginForm"/>
    </form-beans>

```

```

        <action-mappings>
            <action path="/login" type="com.example.struts.LoginAction" name="LoginForm"
validate="true" input="/login.jsp">
                <forward name="success" path="/success.jsp"/>
            </action>
        </action-mappings>
        <message-resources parameter="com.example.struts.ApplicationResources"/>
</struts-config>

```

success.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib uri="/struts-tags" prefix="s" %>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Success Page</title>
    </head>
    <body style="text-align:center; margin-top: 10%">
        <h1>Login Successful</h1>
    </body>
</html>

```

login.jsp

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib uri="/struts-tags" prefix="s" %>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Login Page</title>
    </head>
    <body style="margin-left: 40%; margin-top: 10%">
        <h1>Login Form</h1>
        <s:form action="login_action">
            <s:textfield name="name" label="Enter your Name: "/>
            <s:textfield name="mobilen0" label="Enter your Mobile No: "/>
            <s:textfield name="email" label="Enter your Email: "/>
            <s:submit value="Login" align="center"/>
        </s:form>
    </body>
</html>

```

error.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib uri="/struts-tags" prefix="s" %>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Error Page</title>
  </head>
  <body style="text-align:center; margin-top: 10%">
    <h1>Error Page</h1>
  </body>
</html>
```

Output:



Struts2 Login Form

Enter your Name: :

Enter your Mobile No.: :

Enter your Email: :



Struts2 Login Form

Enter your Name: :

Enter your Mobile No.: :

Enter your Email: :

Login Successful!!!

Enjoy your Day!!!



Struts2 Login Form

Enter your Name: :

Enter your Mobile No.:

 Please fill out this field.

Enter your Email: :

Login