**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*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" xmlns:web="http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" 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">

<display-name>HelloWorldStrut2Project</display-name>

<filter>

<filter-name>struts2</filter-name>

<filter-class>

org.apache.struts2.dispatcher.ng.filter.StrutsPrepareAndExecuteFilter

</filter-class>

</filter>

<filter-mapping>

<filter-name>struts2</filter-name>

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

</filter-mapping>

<welcome-file-list>

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

</welcome-file-list>

</web-app>

**\*\*\*\*In src folder\*\*struts.xml\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

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

<!DOCTYPE struts PUBLIC "-//Apache Software Foundation//DTD Struts Configuration 2.1//EN" "http://struts.apache.org/dtds/struts-2.1.dtd">

<struts>

<constant name="struts.devMode" value="true" />

<constant name="struts.multipart.maxSize" value="1000000" />

<constant name="struts.custom.i18n.resources" value="ApplicationResources" />

<!-- HelloWorld Action -->

<package name="helloworld" extends="struts-default" namespace="/" >

<interceptors>

<interceptor name="myinterceptor"

class="com.igate.interceptor.MyInterceptor" /

<interceptor-stack name="basicStack">

<interceptor-ref name="exception"/>

<!-- <interceptor-ref name="servlet-config"/> -->

<interceptor-ref name="prepare"/>

<interceptor-ref name="checkbox"/>

<interceptor-ref name="params"/>

<interceptor-ref name="conversionError"/>

</interceptor-stack>

</interceptors>

<!-- <global-results>

<result name="error">/error.jsp</result>

</global-results>

<global-exception-mappings>

<exception-mapping exception="java.lang.Exception" result= "error" />

</global-exception-mappings>

-->

<action name="getSayHello" class="com.igate.basic.action.HelloWorldAction" method="execute">

<interceptor-ref name="basicStack"/>

<interceptor-ref name="params"/>

<interceptor-ref name="timer" />

<interceptor-ref name="myinterceptor" />

<-- <exception-mapping exception="java.lang.NullPointerException" result="error" /> -->

<result name="success">sayHello.jsp</result>

<result name="error">error.jsp</result>

</action>

<action name="enterNameAction">

<result >/enterName.jsp</result>

</action>

<action name="redirectToGoogle">

<result type="redirect">

<param name="location">https://www.google.com </param >

</result>

</action>

<action name="populateRegister" class="com.igate.basic.action.RegisterAction">

<result name="input">jsps/Register.jsp</result>

<result name="registerSuccess">jsps/Welcome.jsp</result>

<result name="registerFail">jsps/Register.jsp</result>

</action>

<action name="locale" class="com.igate.basic.action.Locale" method="execute">

<result name="displayLocaleRegister" type="chain">populateRegister</result>

</action>

</package>

<!-- Login Related Actions -->

<package name="loginPkg" extends="struts-default" >

<action name="showLoginPage" >

<result >jsps/Login.jsp</result>

</action>

<action name="\*Login" method="{1}" class="com.igate.basic.action.LoginAction" >

<result name="populate">jsps/Login.jsp</result>

<result name="successLogin" type="dispatcher">jsps/successLogin.jsp</result>

<result name="errorLogin" type="dispatcher">jsps/failureLogin.jsp</result>

<result name="userNotExists" type="dispatcher">jsps/Register.jsp</result>

<!--

<result name="success" type="freemarker">

<param name="location">/hello.fm</param>

</result>

-->

</action>

</package>

<!-- Data Tag Realted Action -->

<package name="dataTagPkg" extends="struts-default">

<action name="urlTagAction" class="com.igate.basic.action.URLTagAction" >

<result name="success">jsps/dataTagSuccess.jsp</result>

</action>

</package>

<!-- Employee Related Action -->

<package name="empPkg" extends="struts-default">

<action name="addEmpOperation" method="add" class="com.igate.basic.action.EmployeeAction">

<result name="displayAddEmp">jsps/AddEmp.jsp</result>

</action>

<action name="addEmpOperation" method="add" c lass="com.igate.basic.action.EmployeeAction">

<result name="displayAddEmp">jsps/AddEmp.jsp</result>

</action>

<action name="updateEmpOperation" method="update" class="com.igate.basic.action.EmployeeAction">

<result name="displayUpdateEmp">jsps/EditEmp.jsp</result>

</action>

<action name="deleteEmpOperation" method="delete"

class="com.igate.basic.action.EmployeeAction">

<result name="displayDeleteEmp">jsps/DeleteEmp.jsp</result>

</action>

<action name="listallEmpOperation" method="listAll" class="com.igate.basic.action.EmployeeAction">

<result name="listAllEmp">jsps/ListAllEmp.jsp</result>

</action>

</package>

<!-- Student Related Action -->

<package name="stuActionPkg" extends="struts-default">

<action name="displayStudentJsp">

<result>jsps/enterStudentDetails.jsp</result>

</action>

<action name="getStudentGrade" class="com.igate.basic.action.StudentAction">

<result name="getGradePage">jsps/getStudentGrade.jsp</result>

</action>

</package>

</struts>

**\*\*\*\*\*\*\*\*\*\*\*In src/ApplicationResources\_en.properties\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

# Resources for parameter 'com.kogent.ApplicationResources'

# Project struts2

userName = Namee

age = Agee

global.submit = Submit

global.heading = Select Locale

global.success = Successfully Regisred

**\*\*\*\*\*ApplicationResources\_fr.properties\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

# Resources for parameter 'com.kogent.ApplicationResources'

# Project struts2

userName = Nom d'utilisateur

age = l'âge

global.submit = Soumettre des

global.heading = Sé lectionnez Local

global.success =Regis é avec succès

**\*\*\*\*\*ApplicationResources\_hn.properties\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

# Resources for parameter 'com.kogent.ApplicationResources'

# Project struts2

userName =\u0928\u093E\u092E

age =\u0909\u092E\u094D\u0930

global.submit = \u092A\u094D\u0930\u0938\u094D\u0924\u0941\u0924 \u0915\u0930\u0928\u093E

global.heading = Select Locale

global.success = \u0915\u0930\u094D\u092E\u091A\u093E\u0930\u0940 \u0938\u092B\u0932\u0924\u093E\u092A\u0942\u0930\u094D\u0935\u0915 \u091C\u094B\u0921\u093C\u093E \u0917\u092F\u093E

**\*\*\*\*\*ApplicationResources\_jr.properties\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

# Resources for parameter 'com.kogent.ApplicationResources'

# Project struts2

userName = Namee

age = Agee

global.submit = Submit

global.heading = Select Locale

global.success = Successfully Regisred

**\*\*in com.igate.basic.action package RegisterAction-validation.xml \*\*\*\***

<!DOCTYPE validators PUBLIC

"-//OpenSymphony Group//XWork Validator 1.0.2//EN"

"http://www.opensymphony.com/xwork/xwork-validator-1.0.2.dtd">

<validators>

<field name="userName">

<field-validator type="requiredstring">

<message key="required.string"></message>

</field-validator>

<field-validator type="email">

<message>User Name must be a valid email Address</message>

</field-validator>

</field>

<field name="age">

<field-validator type="int">

<param name="min">29</param>

<param name="max">64</param>

<message> Age must be in between 28 and 65</message>

</field-validator>

</field>

<field name="password">

<field-validator type="stringlength">

<param name="minLength">3</param>

<param name="maxLength">5</param>

<param name="trim">true</param>

<message>ThePassord must be min 3 and max 5 </message>

</field-validator>

</field>

</validators>

**\*\*\*In com.igate.demo.action package RegisterAction.properties\*\*\*\*\*\*\*\*\*\*\*\*\*\***

required.string = ${getText(fieldName)} is Mandatory Field

userName = User-Name

**\*\*\*\*\*\*\*\*\*\*\*Action.java\*\*\*\*\*\*\*\*\*\*\*\***

**package** com.igate.basic.action;

**public** **interface** Action {

**public** **static** **final** String SUCCESS = "successLogin";

**public** **static** **final** String NONE = "none";

**public** **static** **final** String ERROR = "errorLogin";

**public** **static** **final** String INPUT = "input";

**public** **static** **final** String LOGIN = "login";

**public** **static** **final** String NOTEXISTS = "userNotExists";

**public** String execute() **throws** Exception;

}

**\*\*\*\*\*\*\*\*\*\*\*\*Country.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

public class Country {

private int countryId;

private String countryName;

Country(int countryId, String countryName)

{

this.countryId = countryId;

this.countryName = countryName;

}

public int getCountryId() {return countryId;}

public void setCountryId(int countryId) {this.countryId = countryId;}

public String getCountryName() {return countryName; }

public void setCountryName(String countryName) {this.countryName = countryName; }

}

**\*\*\*\*\*\*\*\*\*CurrencyConverter.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

import java.util.Map;

import org.apache.struts2.util.StrutsTypeConverter;

import com.igate.dto.Currency;

public class CurrencyConverter extends StrutsTypeConverter {

@Override

public Object convertFromString(Map context, String[] values, Class clazz) {

Currency cun = new Currency(values[0]);

return cun;

}

@Override

public String convertToString(Map context, Object value) {

Currency cur = (Currency) value;

return cur == null ? null : cur.getCurrencyValue();

}}

**\*\*\*\*\*\*\*\*\*\*\*\*\*EmployeeAction.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**package** com.igate.basic.action;

**public** **class** EmployeeAction

{

String message;

**public** String execute()

{

message = "Inside execute method";

**return** "success";

}

**public** String add()

{

message = "Inside add method";

**return** "displayAddEmp";

}

**public** String update()

{

message = "Inside update method";

**return** "displayUpdateEmp";

}

**public** String delete()

{

message = "Inside delete method";

**return** "displayDeleteEmp";

}

**public** String listAll()

{

message = "Inside listall method";

**return** "listAllEmp";

}}

**\*\*\*\*\*\*\*\*\*\*\*HelloWorldAction.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

import java.io.File;

import java.io.IOException;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Map;

import javax.servlet.http.HttpServletRequest;

import org.apache.commons.io.FileUtils;

import org.apache.struts2.interceptor.ServletRequestAware;

import com.opensymphony.xwork2.ActionContext;

import com.opensymphony.xwork2.ActionSupport;

import com.opensymphony.xwork2.util.ValueStack;

public class HelloWorldAction extends ActionSupport implements ServletRequestAware

{

private String name;

private ArrayList cityList;

private HttpServletRequest request;

public HelloWorldAction(){

System.out.println("\*\*\*\*\*\*\*\*\*\*In Constructor\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("HelloWorldAction Constructor Invoked");};

public String execute() throws Exception

{

//int charAtTen=name.charAt(100);

//System.out.println(" Char At 100 : ");

ValueStack stack = ActionContext.getContext().getValueStack();

Map<String, Object> context = new HashMap<String, Object>();

context.put("surnameKey", new String("Srivastava"));

context.put("locationKey", new String("Pune MS"));

System.out.println("Before Push");

stack.push(context);

System.out.println("After Push");

System.out.println("Size of the valueStack: " + stack.size());

System.out.println("\*\*\*\*\*\*\*\*End Of Execute\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

return "success";

}

public String getName() {

System.out.println("get name is : "+name);

return name;

}

public void setName(String name) {

this.name = name;

}

@Override

public void setServletRequest(HttpServletRequest request) {

System.out.println("set server request...........");

this.request=request;

}

**}**

**\*\*\*\*\*\*\*\*\*\*\*\*Locale.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

import com.opensymphony.xwork2.ActionSupport;

public class Locale extends ActionSupport{

public String execute()

{

return "displayLocaleRegister";

}

}

**\*\*\*\*\*\*\*\*\*\*LoginAction.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

import java.util.ArrayList;

import java.util.Map;

import org.apache.struts2.interceptor.SessionAware;

import com.igate.dao.IUserDao;

import com.igate.dao.UserDaoImpl;

import com.igate.dto.LoginDTO;

import com.opensymphony.xwork2.ActionSupport;

public class LoginAction extends ActionSupport implements SessionAware

{

private String userName;

private String password;

Map<String, Object> session\_map;

IUserDao userDao=new UserDaoImpl();

ArrayList<LoginDTO> userNamelist=null;

public String populate()

{

System.out.println(" Populate Method Excecuted...............");

userNamelist=userDao.getAllUsers();

return "populate";

}

public IUserDao getUserDao() { return userDao; }

public void setUserDao(IUserDao userDao) { this.userDao = userDao; }

public ArrayList<LoginDTO> getUserNamelist() { return userNamelist; }

public void setUserNamelist(ArrayList<LoginDTO> userNamelist) {this.userNamelist = userNamelist;

}

public String execute()

{

System.out.println(" In Login Action Execute UserName Is : "+userName);

System.out.println(" In Login Action Execute: Password is "+password);

session\_map.put("username", userName);

int count=userDao.getCount(userName);

if(count!=0)

{

System.out.println(" Count Is : "+count);

LoginDTO loginDto=userDao.getUserInfo(userName);

if(loginDto.getUserName().equalsIgnoreCase(userName)&&

(loginDto.getPassword().equalsIgnoreCase(password)))

{

return "successLogin";

}

else

{

return "errorLogin";

}

}

else

{

return "userNotExists";

}

}

public String getUserName()

{

// System.out.println(userName);

return userName;

}

public void setUserName(String userName) {this.userName = userName; }

public String getPassword() {return password ;}

public void setPassword(String password) {this.password = password; }

@Override

public void setSession(Map<String, Object> dataMap) {

this.session\_map=dataMap;

}}

**\*\*\*\*\*\*\*\*\*\*\*\*RegisterAction.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

import java.util.ArrayList;

import com.igate.dao.IUserDao;

import com.igate.dao.UserDaoImpl;

import com.igate.dto.LoginDTO;

import com.opensymphony.xwork2.ActionSupport;

public class RegisterAction extends ActionSupport

{

private String userName;

private String password;

private String firstName;

private String emailAddress;

private int age;

private String lastName;

private long phoneNo;

private String gender;

private String about;

private String country;

private ArrayList<Country> countryList;

private String[] community;

private ArrayList<String> communityList;

private Boolean mailingList;

private String[] hobbies;

public String[] getHobbies() { return hobbies; }

IUserDao userDao=new UserDaoImpl();

private String dob;

public String getDob() { return dob; }

public void setDob(String dob) { System.out.println(" DOB:.............."+dob);this.dob = dob;}

public void setHobbies(String[] hobbies) {this.hobbies = hobbies; }

public void setAge(int age) { this.age = age; }

public int getAge() { return age; }

public String getEmailAddress() {return emailAddress; }

public void setEmailAddress(String emailAddress) {this.emailAddress = emailAddress;}

public RegisterAction() {

System.out.println("Register Action constructor.....");

countryList = new ArrayList<Country>();

countryList.add(new Country(1, "India"));

countryList.add(new Country(2, "USA"));

countryList.add(new Country(3, "France"));

countryList.add(new Country(4, "China"));

communityList = new ArrayList<String>();

communityList.add("Java");

communityList.add(".Net");

communityList.add("SOA");

communityList.add("Testing");

communityList.add("Unix");

community = new String[]{"Java"};

hobbies=new String[]{"Reading","Singing","Listening Music"};;

mailingList = true;

}

public String execute() {

LoginDTO loginDTO=new LoginDTO();

loginDTO.setUserName(userName);

loginDTO.setPassword(password);

loginDTO.setFirstName(firstName);

loginDTO.setLastName(lastName);

loginDTO.setPhoneNo(phoneNo);

loginDTO.setDob(dob);

int status=userDao.addUser(loginDTO);

if(status==1)

{

System.out.println(" User Added in table successfully");

return "registerSuccess";

}

else

{

return "registerFail";

}

}

public String getUserName() { return userName; }

public void setUserName(String userName) { this.userName = userName; }

public String getPassword() { return password; }

public void setPassword(String password) {this.password = password; }

public String getGender() {return gender; }

public void setGender(String gender) { this.gender = gender; }

public String getAbout() { return about; }

public void setAbout(String about) { this.about = about; }

public String getCountry() { return country; }

public void setCountry(String country) { this.country = country; }

public ArrayList<Country> getCountryList() { return countryList; }

public void setCountryList(ArrayList<Country> countryList) {this.countryList = countryList;**}**

public String[] getCommunity() { return community; }

public void setCommunity(String[] community) { this.community = community; }

public ArrayList<String> getCommunityList() {return communityList; }

public void setCommunityList(ArrayList<String> communityList) {this.communityList = communityList; }

public Boolean getMailingList() { return mailingList; }

public void setMailingList(Boolean mailingList) { this.mailingList = mailingList; }

public String getFirstName() { return firstName;}

public void setFirstName(String firstName) {this.firstName = firstName; }

public String getLastName() { return lastName; }

public void setLastName(String lastName) {this.lastName = lastName; }

public long getPhoneNo() {return phoneNo;}

public void setPhoneNo(long phoneNo) {

this.phoneNo = phoneNo;

}

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*StudentAction.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.basic.action;

import com.igate.dto.Student;

import com.opensymphony.xwork2.ActionSupport;

import com.opensymphony.xwork2.ModelDriven;

public class StudentAction extends ActionSupport implements ModelDriven

{

private Student stu = new Student();

public StudentAction() {

System.out.println(" Student Action Constructor Invoked");

}

public Object getModel() { return stu; }

public Student getStu() { System.out.println(stu); return stu; }

public void setStu(Student stu) { System.out.println(stu); this.stu = stu; }

public String execute() {

System.out.println(" Inexecute "+stu);

return "getGradePage";

}}

**\*\*\*\*\*\*\*\*\*\*\*\*UrltagAction.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**package** com.igate.basic.action;

**import** com.opensymphony.xwork2.ActionSupport;

**public** **class** URLTagAction **extends** ActionSupport{

**private** String linkname;

**public** String execute() { **return** SUCCESS;}

**public** String getLinkname() {**return** linkname;}

**public** **void** setLinkname(String linkname) {**this**.linkname = linkname; }

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*IUserDao.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.dao;

import java.util.ArrayList;

import com.igate.dto.LoginDTO;

import com.igate.exception.LoginException;

public interface IUserDao

{

public ArrayList<LoginDTO> getAllUsers()throws LoginException;

public LoginDTO getUserInfo(String username);

public int getCount(String username);

public int addUser(LoginDTO loginDto);

**}**

**\*\*\*\*\*\*\*\*UserDaoImpl.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*\***

package com.igate.dao;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.text.SimpleDateFormat;

import java.util.ArrayList;

import com.igate.dto.LoginDTO;

import com.igate.exception.LoginException;

import com.igate.util.DbUtil;

public class UserDaoImpl implements IUserDao

{

Connection con=null;

PreparedStatement pst=null;

ResultSet rs=null;

Statement st=null;

String pattern = "MM/dd/yyyy";

SimpleDateFormat format = new SimpleDateFormat(pattern);

@Override

public ArrayList<LoginDTO> getAllUsers() throws LoginException

{

con=DbUtil.getConnection();

System.out.println(" In dao Got Con Obj "+con);

String selectQry=

"select \* FROM userinfo ";

LoginDTO loginDto=null;

ArrayList<LoginDTO> userList=new ArrayList<LoginDTO>();

try

**{**

st=con.createStatement();

rs=st.executeQuery(selectQry);

while (rs.next())

{

loginDto=new LoginDTO(rs.getString("user\_name"),

rs.getString("password"));

userList.add(loginDto);

}

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

finally

{

try

{

con.close();

st.close();

rs.close();

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

}

return userList;

}

@Override

public LoginDTO getUserInfo(String username)

{

con=DbUtil.getConnection();

System.out.println(" In dao Got Con Obj "+con);

String selectQry=

"select \* FROM userinfo where user\_name=? ";

LoginDTO loginDto=null;

java.util.Date utilDOB=null;

try

{

pst=con.prepareStatement(selectQry);

pst.setString(1, username);

rs=pst.executeQuery();

System.out.println(" Rs Not Null :"+rs);

rs.next();

utilDOB=new

java.util.Date((rs.getDate("DOB").getTime()));

String birthDate=format.format(utilDOB);

loginDto=new LoginDTO(rs.getString("user\_name"),

rs.getString("password"));

System.out.println("In Dao :..........."+loginDto);

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

finally

{

try

{

con.close();

pst.close();

rs.close();

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

}

return loginDto;

}

@Override

public int addUser(LoginDTO loginDto)

{

String birthDate=loginDto.getDob();

java.util.Date birthDateUtil=null;

try

{

birthDateUtil = format.parse(birthDate);

} catch (Exception e)

{

e.printStackTrace();

}

System.out.println("Util DOB............."+birthDateUtil);

java.sql.Date sqlDOB=new java.sql.Date(birthDateUtil.getYear(),

birthDateUtil.getMonth(),birthDateUtil.getDate());

System.out.println("In Dao sql DOB is ......."+sqlDOB);

int status=0;

con=DbUtil.getConnection();

System.out.println(" In addUser Got Con Obj "+con);

String insertQry=

"INSERT into UserInfo values(?,?,?,?,?,?)";

try

**{**

pst=con.prepareStatement(insertQry);

pst.setString(1, loginDto.getUserName());

pst.setString(2, loginDto.getPassword());

pst.setString(3, loginDto.getFirstName());

pst.setString(4, loginDto.getLastName());

pst.setLong(5, loginDto.getPhoneNo());

pst.setDate(6, sqlDOB);

status=pst.executeUpdate();

System.out.println(" data Inserted successfully" );

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

finally

{

try

{

con.close();

pst.close();

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

}

return status;

}

@Override

public int getCount(String username)

{

con=DbUtil.getConnection();

System.out.println(" In dao getCount Got Con Obj "+con);

String selectQry=

"select count(\*) FROM userinfo where user\_name=? ";

int count=0;

try

{

pst=con.prepareStatement(selectQry);

pst.setString(1, username);

rs=pst.executeQuery();

System.out.println(" Rs Not Null :"+rs);

rs.next();

count=rs.getInt(1);

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

}

finally

{

try

{

con.close();

pst.close();

rs.close();

}

catch (SQLException e)

{

e.printStackTrace();

throw new LoginException(e.getMessage());

} }

return count;

}}

**\*\*\*\*\*\*\*\*\*\*\*\*Currency.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**package** com.igate.dto;

**public** **class** Currency {

String currencyValue;

**public** String getCurrencyValue() {**return** currencyValue; }

**public** **void** setCurrencyValue(String currencyValue) {**this**.currencyValue = currencyValue;}

**public** Currency(){}

**public** Currency(String currencyValue){ **this**.currencyValue=currencyValue;}

}

**\*\*\*\*\*\*\*\*\*\*\*LoginDto.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**package** com.igate.dto;

**public** **class** LoginDTO

{

**private** String userName;

**private** String password;

**private** String firstName;

**private** String lastName;

**private** **long** phoneNo;

**private** String dob;

**public** String getDob() { **return** dob; }

**public** **void** setDob(String dob) { **this**.dob = dob; }

**public** String getUserName() { **return** userName; }

**public** **void** setUserName(String userName) {**this**.userName = userName; }

**public** String getPassword() { **return** password; }

**public** **void** setPassword(String password) {**this**.password = password; }

**public** String getFirstName() { **return** firstName; }

public void setFirstName(String firstName) {this.firstName = firstName; }

public String getLastName() {return lastName; }

public void setLastName(String lastName) {this.lastName = lastName; }

public long getPhoneNo() {return phoneNo; }

public void setPhoneNo(long phoneNo) {this.phoneNo = phoneNo; }

@Override

public String toString() {

return "LoginDTO [userName=" + userName + ", password=" + password

+ ", firstName=" + firstName + ", lastName=" + lastName

+ ", phoneNo=" + phoneNo + "]";

}

public LoginDTO(){}

public LoginDTO(String userName, String password) {

super();

this.userName = userName;

this.password = password;

}

public LoginDTO(String userName, String password, String firstName,

String lastName, long phoneNo) {

super();

this.userName = userName;

this.password = password;

this.firstName = firstName;

this.lastName = lastName;

this.phoneNo = phoneNo;

}}

**\*\*\*\*\*\*\*\*\*\*\*\*Student.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.dto;

public class Student {

private int rollNo;

private String stuName;

private float marks;

private String grade;

public Student()

{

System.out.println(" Student Constructor Invoked....");

}

public int getRollNo() { return rollNo; }

public void setRollNo(int rollNo) {this.rollNo = rollNo; }

public String getStuName() {return stuName; }

public void setStuName(String stuName) {this.stuName = stuName; }

public float getMarks() { return marks; }

public void setMarks(float marks) {this.marks = marks; }

public String getGrade() {

if(marks<40){

grade="FAIL";

}

else

{

grade="PASS";

}

return grade;

}

@Override

public String toString() {

return "Student [rollNo=" + rollNo + ", stuName=" + stuName

+ ", marks=" + marks + ", grade=" + grade + "]";

}}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*LoginException.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**package** com.igate.exception;

**public** **class** LoginException **extends** RuntimeException

{

**public** LoginException(String msg){**super**(msg); }

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*MyInterceptor.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

/\*It’s always recommended to group the same set of

interceptors into an interceptor stack to get rid of the duplicated works,

and increase the reusebility in your project

ex

<interceptor-stack name="basicStack">

<interceptor-ref name="exception"/>

<interceptor-ref name="servlet-config"/>

<interceptor-ref name="prepare"/>

<interceptor-ref name="checkbox"/>

<interceptor-ref name="params"/>

<interceptor-ref name="conversionError"/>

</interceptor-stack>

<action name="hello" class="com.tutorialspoint.struts2.MyAction">

<interceptor-ref name="basicStack"/>

<result>view.jsp</result>

</action

\*/

package com.igate.interceptor;

import java.util.\*;

import com.opensymphony.xwork2.ActionInvocation;

import com.opensymphony.xwork2.interceptor.AbstractInterceptor;

public class MyInterceptor extends AbstractInterceptor {

public void init() {}

public String intercept(ActionInvocation invocation)throws Exception{

/\* let us do some pre-processing \*/

String output = "Pre-Processing of MyIntercepto";

System.out.println(output);

/\* let us call action or next interceptor \*/

String result = invocation.invoke();

/\* let us do some post-processing \*/

output = "Post-Processing of MyIntercepto";

System.out.println(output);

return result;

}

public void destroy() {}

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DbUtil.java\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

package com.igate.util;

import java.sql.Connection;

import java.sql.SQLException;

import javax.naming.InitialContext;

import javax.naming.NamingException;

import javax.sql.DataSource;

public class DbUtil

{

public static Connection getConnection()

{

InitialContext ic;

DataSource ds;

Connection con=null;

try

{

ic = new InitialContext();

ds=(DataSource)ic.lookup("java:/OracleDS");

// DataSource ds=(DataSource)ic.lookup("MyDS");

con= ds.getConnection();

}

catch (Exception e)

{

e.printStackTrace();

//throw new EmployeeException("some databse eror..."+e.getMessage());

}

return con;

}

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Thank You\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***