Register page and configuration and DAO and DTO

1.Include the register page in views folder of the frontendproject.

a.Create a jsp page under the hierarchy and name it register.

b.Include the spring form for registration of the user in it.

<%@taglib prefix="form" uri="http://www.springframework.org/tags/form"%>

<form class="form-horizontal" action="userData.do" method="POST"

commandname="user" modelattribute="user">

<div class="container">

<div class="row">

<div class="col-md-2"></div>

<div class="col-md-8 well">

<h1>Register</h1>

<div class="form-group">

<label>UserName</label> <form:input path="userName" type="text" class="form-control" placeholder="flint" required/>

<div class="has-error">

<form:errors style="color:red" path="userName" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Role</label> <form:select path="userRole" type="text" class="form-control" required>

<form:option value="User">User</form:option>

<form:option value="Supplier">Supplier</form:option>

</form:select>

<div class="has-error">

<form:errors style="color:red" path="userRole" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Password</label> <form:input path="userPassword" type="password" class="form-control" placeholder="pass@123" required/>

<div class="has-error">

<form:errors style="color:red" path="userPassword" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Confirm Password</label> <form:input path="userConPassword" type="password"

class="form-control" placeholder="pass@123"

required/>

<div class="has-error">

<form:errors style="color:red" path="userConPassword" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Address</label> <form:input path="userAddress" type="text" class="form-control" placeholder="flat no,society name,city,country"

required/>

<div class="has-error">

<form:errors style="color:red" path="userAddress" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Email</label> <form:input path="userEmail" type="email" placeholder="abc@xyz.com"

class="form-control"/>

<div class="has-error">

<form:errors style="color:red" path="userEmail" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Mobile Number</label> <form:input path="userMobile" type="text"

placeholder="+919945678902" class="form-control" maxlength="13" minlength="13"/>

<div class="has-error">

<form:errors style="color:red" path="userMobile" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Security Question</label> <form:select path="userSecurityQ" class="form-control">

<form:option value="Name of the first pet" selected>Name of

the first pet</form:option>

<form:option value="Name of the favourite book">Name of the

favourite book</form:option>

<form:option value="Name of the favourite sport">Name of the

favourite sport</form:option>

</form:select>

<div class="has-error">

<form:errors style="color:red" path="userSecurityQ" class="help-inline" />

</div>

</div>

<div class="form-group">

<label>Security Answer</label> <form:input path="userSecurityA" type="text"

placeholder="demo" class="form-control"/>

<div class="has-error">

<form:errors style="color:red" path="userSecurityA" class="help-inline" />

</div>

</div>

<div>

<button type="submit" class="btn btn-default">Register</button>

<div class="shadow"></div>

</div>

</form>

</div>

<div class="col-md-2"></div>

</div>

</div>

c.Goto the navbar page in shared folder , and add admin menu and inside it relocate productcrud page link .

<li class="dropdown">ADMIN

<ul>

<li id="productcrud"><a href="${contextRoot}/productCRUD"><span

class="glyphicon glyphicon-list"></span> Product Management</a></li>

</ul>

</li>

d. Inside it give link to register link.

<li id="register"><a href="${contextRoot}/register"><span

class="glyphicon glyphicon-plus"></span> Register</a></li>

e.Goto myapp.js , and add a case.

case 'Register':

$('#register').addClass('active');

break;

f.Goto the page.jsp , and in the content of body , add the following :

<!-- Register Page -->

<c:if test="${userClickRegister == true }">

<%@include file="./register.jsp"%>

</c:if>

2.Add dto for user inside the model folder of the backendproject .

a.Code:

@Entity

public class User implements Serializable{

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private int userId;

@Size(min=1, max=30,message="user name should be between 1 to 30 characters long")

private String userName;

@NotBlank

private String userRole;

@Size(min=1, max=30,message="user password should be between 1 to 30 characters long")

private String userPassword;

@Size(min=1, max=30,message="user confirm password should be between 1 to 30 characters long")

@Transient

private String userConPassword;

@Size(min=1, max=30,message="user address should be between 1 to 30 characters long")

private String userAddress;

@Size(min=1, max=50,message="user email should be between 1 to 50 characters long")

private String userEmail;

@Size(min=1, max=30,message="user name should be between 1 to 30 characters long")

private String userMobile;

@NotBlank

private String userSecurityQ;

@Size(min=1, max=30,message="user security answer should be between 1 to 30 characters long")

private String userSecurityA;

b.Add constructors ,parameterised and non parameterised inside it.

c.Add getters and setters for all the fields.

3.Create DAO entity.

a.Add an interface , name it IUserDAO,inside the dao folder.

b.Add the following code :

public List<User> getAllUsers();

public User getUser(int id);

public boolean updateUser(User u);

public boolean deleteUser(int id);

public boolean addUser(User u);

4.Create DAOImpl.

a.Add a class , UserDAOimpl,inside the DAOImpl.

b.Inside it implement the IUserDAO interface.

c.Add the declarations with dummy body inside , for all the declarations done in IUserDAO.

public List<User> getAllUsers() {

return null;

}

public User getUser(int id) {

return null;

}

public boolean updateUser(User u) {

return false;

}

public boolean deleteUser(int id) {

return false;

}

public boolean addUser(User u) {

return false;

}