CRUD operation

1. Open IProductDAO
2. And add these 2 following methods for insert, update and delete records from Product table.

**public** **boolean** updateProducts(Product p);

**public** **boolean** deleteProducts(**int** productId);

1. Open ProDAOImpl class and implement above those two method

**public** **boolean** updateProducts(Product p){

**try** {

sessionFactory.getCurrentSession().update(p);

**return** **true**;

} **catch** (Exception e) {

e.printStackTrace();

**return** **false**;

}

}

**public** **boolean** deleteProducts(**int** productId){

**try** {

sessionFactory.getCurrentSession().delete(getProduct(productId));

**return** **true**;

} **catch** (Exception e) {

e.printStackTrace();

**return** **false**;

}

}

1. Create controller component inside the FrontEndProductController class as below:

package com.health.HealthMedicineQuestFrontEnd.controller;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Controller;

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

import org.springframework.web.servlet.ModelAndView;

import com.health.HealthMedicineQuestBackEnd.dao.ICategoryDAO;

@Controller

public class FrontEndPageController {

//@Autowired

//private ICategoryDAO categoryDAO;

@RequestMapping(value={"/","/home","/index"})

public ModelAndView index(){

ModelAndView model =new ModelAndView("page");

model.addObject("title","Home");

//

model.addObject("userClickHome","true");

return model;

}

@RequestMapping(value={"about"})

public ModelAndView about(){

ModelAndView model =new ModelAndView("page");

model.addObject("title","About Us");

model.addObject("userClickAbout","true");

return model;

}

@RequestMapping(value={"contact"})

public ModelAndView contact(){

ModelAndView model =new ModelAndView("page");

model.addObject("title","Contact Us");

model.addObject("userClickContact","true");

return model;

}

@RequestMapping(value={"login"})

public ModelAndView login(){

ModelAndView model =new ModelAndView("page");

model.addObject("title","Login");

model.addObject("userClickLogin","true");

return model;

}

@RequestMapping(value={"register"})

public ModelAndView register(){

ModelAndView model =new ModelAndView("page");

model.addObject("title","Register");

model.addObject("userClickRegister","true");

return model;

}

}

1. Create the view Component as follows:
   1. Create a folder named “admin” inside the views folder.
   2. Insert following code:

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

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

<%@taglib prefix=*"c"* uri=*"http://java.sun.com/jsp/jstl/core"*%>

<div class=*"container"*>

<div class=*"row"*>

<div class=*"col-md-3"*></div>

<div class=*"col-md-6"*>

<h1>Product Data</h1>

<form:form action=*"productData.do"* method=*"POST"* commandName=*"product"* modelAttribute=*"product"*>

<table>

<caption></caption>

<tr>

<td>Product Name</td>

<td><form:input path=*"productName"*/></td>

</tr>

<tr>

<td>Product Description</td>

<td><form:input path=*"productDescription"*/></td>

</tr>

<tr>

<td>Image Url</td>

<td><form:input path=*"imageUrl"*/></td>

</tr>

<tr>

<td>Product Price</td>

<td><form:input path=*"productPrice"*/></td>

</tr>

<tr>

<td>Product Quantity</td>

<td><form:input path=*"productQuantity"*/></td>

</tr>

<tr>

<td colspan=*"2"*>

<input type=*"submit"* name=*"action"* value=*"Add"*/>

</td>

</tr>

</table>

</div>

<div class=*"col-md-3"*></div>

</div>

<br/>

<br/>

<div class=*"row"*>

<div class=*"col-xs-12"*>

<div class=*"table-responsive"*>

<table border=*"1"* id=*"mycrudTable"* class=*"table table-bordered table-striped"*>

<tr>

<thead>

<th>Product Id</th>

<th>Product Name</th>

<th>Product Description</th>

<th>Product Price</th>

<th>Product Quantity</th>

<th>Image</th>

<th>Update</th>

<th>Delete<th>

</thead>

</tr>

</table>

</div>

</div>

</div>

</form:form>

</div>

1. Create a js file named productcurd.js and type the following

$(document).ready(**function**() {

$('#mycrudTable').DataTable( {

"lengthMenu": [[1, 3, -1], [1, 3, "All"]],

ajax: {

url: '/HealthMedicineQuestFrontEnd/allproducts',

dataSrc: ''

},

columns: [

{ data: 'productId' },

{ data: 'productName' },

{ data: 'productDescription' },

{ data: 'productPrice' },

{ data: 'productQuantity' },

{ data: **null**,

mRender: **function** ( data, type, row ) {

**return** '<img src="/HealthMedicineQuestFrontEnd/resources/images/'+ row.imageUrl +'" height="50" width="50">'; }

},

{data: **null**,

mRender: **function** ( data, type, row ) {

**return** '<a href="#" role="button" class="btn btn-primary" data-toggle="modal" data-target="#'+row.productId+'">Update Product</a>';}

},

{data: **null**,

mRender: **function** ( data, type, row ) {

**return** '<a href="#" role="button" class="btn btn-primary" data-toggle="modal" data-target="#'+row.productId+'">Delete Product</a>';}

}

]

} );

});

1. Add the following code to associate above js file to page.js

<script language="JavaScript" type="text/javascript" src="${js}/productcrud.js"></script>