Usage of Data Tables plugin in the project

1.Take the previous project as input .

Downloading datatables plugin

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2.Download and install node.

3.Install bower,steps:

a)Open cmd.

b)Type npm install –g bower

4.Then download datatable plugin :

bower install --save datatables.net-dt

5.Copy the required js and css to project folders.

Use DataTables in Products page

6.Include following to products.jsp in the head:

<link rel="stylesheet" href="${css}/jquery.dataTables.min.css" />

<script src="${js}/jquery.dataTables.min.js"></script>

<script src="${js}/jquery.js"></script>

7.Add a controller i.e class file , ProductController inside the controller package , and add:

@Controller

**public** **class** ProductController

{

@Autowired

**private** IProductDAO productDAO;

@RequestMapping(value={"/product"})

@ResponseBody

**public** List<Product> product()

{

**return** productDAO.getProducts();

}

@RequestMapping(value={"/allproduct"})

**public** ModelAndView allproduct(){

ModelAndView model=**new** ModelAndView("Products");

**return** model;

}

@RequestMapping(value={"/productDetails"})

**public** ModelAndView productDetails(){

ModelAndView model=**new** ModelAndView("ProductDetails");

**return** model;

} }

NOTE:we have removed this code from the YenSportsController and added here.Also added new method , now wherever we wer pointing to /product in links , we will point to /allproduct.

8.Add a js file in assets/js,datatablescript.js.

9.Add link to this file in Products.jsp:

<script src="${js}/datatablescript.js"></script>

10.Delete tbody from Produts.jsp’s table and add id to the table like :

<table id=*"myDataTable"* class=*"table table-striped"*>

<thead>

<tr>

<th>Product ID</th>

<th>Product Image</th>

<th>Product Name</th>

<th>Product Category</th>

<th>Keywords</th>

<th>Price</th>

<th>View Product</th>

<th>Add to Cart</th>

</tr>

</thead>

</table>

11.In the datatablescript.js add :

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

$('#myDataTable').DataTable( {

ajax: {

url: '/yensports/product',

dataSrc: ''

},

columns: [

{ data: 'productId' },

{ data: 'productImage' },

{ data: 'productName' },

{ data: 'productCategory' },

{ data: 'productKeyword' },

{ data: 'productPrice' }

]

} );

});

To enable images and add 2 buttons in data table and records entries customisation

11.Update the dataTableScript.js as:

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

$('#myDataTable').DataTable( {

"lengthMenu": [[1, 3, 5, 7, -1], [1, 3, 5, 7, "All"]],

ajax: {

url: '/yensports/product',

dataSrc: ''

},

columns: [

{ data: 'productId' },

{ data: **null**,

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

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

},

{ data: 'productName' },

{ data: 'productCategory' },

{ data: 'productKeyword' },

{ data: 'productPrice' },

{data: **null**,

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

**return** '<a class="btn btn-primary" href="'+data+'">View Item</a>';}

},

{data: **null**,

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

**return** '<a class="btn btn-primary" href="'+data+'">Add To Cart</a>';}

}

]

} );

});