1. Install node
2. Install bower
3. open cmd.
4. Type: npm install -g bower
5. Download datatables plugins
   1. Type: cd E:\DevOps\Required\_Software
   2. open browser and open the site datatables.net
   3. click on the link download
   4. click on install using bower
   5. Copy: bower install --save datatables.net-dt

and paste on the cmd to install datables.

1. Include css and js files related dataTables in head section of productDetails.jsp page

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

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

1. Create “ProductController” class file inside the controller package and add the following code:

**package com.health.HealthMedicineQuest.controller;**

**import java.util.List;**

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

**import org.springframework.stereotype.Controller;**

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

**import org.springframework.web.bind.annotation.RequestMethod;**

**import org.springframework.web.bind.annotation.ResponseBody;**

**import org.springframework.web.servlet.ModelAndView;**

**import com.health.HealthMedicineQuest.ProductDAO.IProductDAO;**

**import com.health.HealthMedicineQuest.model.Product;**

**@Controller**

**public class ProductController {**

**@Autowired**

**private IProductDAO productDAO;**

**@RequestMapping(value={"/products"})**

**public ModelAndView products(){**

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

**return model;**

**}**

**@RequestMapping("/allproducts")**

**public @ResponseBody List<Product> allproducts(){**

**return productDAO.getAllProducts();**

**}**

**}** NOTE:we have removed this code from the HealthController and added here.Also added new method , now wherever we wer pointing to /products in links , we will point to /allproducts.

1. Add a js file inside the “assets/js” folder named datatableScript.js and referred the same in productDetails.jsp page.
2. Delete tbody section from table in productDetail.jsp page. And change as following:

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

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 :

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

12.Update the dataTableScript.js as:

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

$('#myDataTable').DataTable( {

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

ajax: {

url: '/HealthMedicineQuest/allproducts',

dataSrc: ''

},

columns: [

{ data: 'productId' },

{ data: 'productName' },

{ data: 'productDescription' },

{ data: 'productPrice' },

{ data: **null**,

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

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

},

{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>';}

}

]

} );

});