@\* CLIENT SIDE added near top of Views/Products/Index.cshtml \*@

@\*20170314 JPC CLIENT SIDE add search as mini-form - note the use of GET for a small input into a page that has multiple purposes\*@

<**form** action="" method="get">

<p>

Search Products:

<input type="text" id="searchString" name="searchString"

onkeyup="XAjaxRequest(this.value);" />

<input type="submit" value="Submit" />

<textarea id="xResponse"></textarea>

</p>

</**form**>

<script type="text/javascript">

function XAjaxRequest(searchString) {

if (searchString.length < 3) return;

//alert("testing searchString=" + searchString);

var xmlhttp;

xmlhttp = new XMLHttpRequest();

var url = "/Products/IndexAJAX?searchString=" + searchString;

xmlhttp.open("GET", url, false);

xmlhttp.send();

document.getElementById("xResponse").value = xmlhttp.responseText;

}

</script>

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//Server Side

//C# method added to ProductsController

public string IndexAJAX(string searchString)

{

string sql

= "SELECT \* FROM Products WHERE ProductName LIKE @p0";

searchString = "%" + searchString + "%";

var products

= \_context.Products.FromSql(sql, searchString).ToList();

string json = JsonConvert.SerializeObject(products);

return json;

}