Task.373# -MayurPaghdal-07-05-2017: Part(A) of the task completed

Files Modified:

1. Sr\_App > Procurement.aspx
2. Sr\_App > Procurement.aspx.cs
3. Css > screen.cs
4. VendorBLL.cs
5. VendorBAL.cs

Altered Stored Procedures:

1. [dbo].[sp\_GetCategoryList]
2. [dbo].[UDP\_fetchvendorcategory]

**Note:**

1. Sorry to say, but existing code is **total blunder**. For example, I was adding **ALL** option to the existing vendor type Options, where I saw this method:

**BindFilteredVendorList()**

This is height of **“primary school programming practice”**. For each selected items, SQL call has been made. And, the **Stored Procedure** used to fetch this is actually dynamic select statement. There was no need to do that you can simply make an SP which fetch the result as per user selection such as this:

CREATE PROCEDURE [dbo].[UDP\_GetVendors]

@VendorStatus NVARCHAR(50) = null,

@IsRetailWholesale BIT = true,

@ProductCategoryID VARCHAR(20) = null,

@VendorCategoryID VARCHAR(20) = null,

@VendorSubCategoryID VARCHAR(20) = null

AS

BEGIN

SELECT DISTINCT

tv.VendorName AS VendorName,

tv.VendorId AS VendorId,

tvAdd.Id AS AddressId,

tvAdd.Zip

FROM

[dbo].[tblvendors] tv

INNER JOIN [dbo].[tbl\_Vendor\_VendorCat] tvVcat

ON tv.VendorId=tvVcat.Vendorid

LEFT OUTER JOIN [dbo].[tblVendorAddress] tvAdd

ON tv.VendorId=tvAdd.VendorId

INNER JOIN [dbo].[tblVendorCategory] vc

ON vc.[VendorCategpryId] = tv.[VendorCategoryId]

INNER JOIN [dbo].[tblProductVendorCat] pvc

ON pvc.[VendorCategoryId] = vc.[VendorCategpryId]

INNER JOIN [dbo].[tblProductMaster] pm

ON pm.[ProductId] = pvc.[ProductCategoryId]

LEFT OUTER JOIN [dbo].[tbl\_Vendor\_VendorSubCat] vvsc

ON tv.VendorId=vvsc.VendorId

LEFT OUTER JOIN [dbo].[tblVendorSubCategory] vsc

ON vsc.[VendorSubCategoryId] = vvsc.[VendorSubCatId]

WHERE

ISNULL(tv.VendorName,'') <> ''

AND vc.IsRetail\_Wholesale = @IsRetailWholesale

AND (@VendorStatus IS NULL OR tv.VendorStatus = @VendorStatus)

AND (@ProductCategoryID IS NULL OR pm.ProductId = @ProductCategoryID)

AND (@VendorCategoryID IS NULL OR pvc.[VendorCategoryId] = @VendorCategoryID)

AND (@VendorSubCategoryID IS NULL OR vsc.[VendorSubCategoryId] = @VendorSubCategoryID)

END

Let me tell you very frankly: **This can be optimized a lotttt….**

There are many such code snaps which needs to be refreshed. It seems no programmer/freelancer cared much about performance related queries.

I can fix this (Performance Optimization). Performance is way to lower. It can’t be seen for while but, once the application will have tons of data. It’ll show its real effect.