Surya carpet Pvt Ltd.

**Financial Year Closure Tool in Application (FYCTA)**

1. **Pre Planning Closure**

Following document type names are given to apply closing tool.

* + Weaving Bazar.
  + Weaving Finishing Order.
  + Weaving Order

1. **Strategy :**

Following are given query as getting pending weaving order record.

SELECT JOH.JobOrderHeaderId, Max(convert(INT,JW.IsSisterConcern)) AS IsSisterConcern, Max(C.CostcenterName) AS CostcenterName, Max(CE.ProductId) AS ProductId, Max(LA.LedgerAccountId) AS LedgerAccountId, Max(JOH.Remark) AS Remark, Max(JOH.UnitconversionForId) AS UnitconversionForId, Max(JOH.ActualDueDate) AS ActualDueDate, Max(JOH.DocTypeId) AS DocTypeId, Max(JOH.DocDate) AS DocDate, Max(JOH.DocNo) AS DocNo, Max(JOH.DivisionId) AS DivisionId, Max(JOH.SiteId) AS SiteId, Max(JOH.DueDate) AS DueDate, Max(JOH.JobWorkerId) AS JobWorkerId , Max(JOH.BillToPartyId) AS BillToPartyId, Max(JOH.OrderById) AS OrderById, Max(isnull(JOH.GodownId,0)) AS GodownId, Max(JOH.ProcessId) AS ProcessId, Max(JOH.CostCenterId) AS CostCenterId ,Max(JOH.TermsAndConditions) AS TermsAndConditions

FROM (

SELECT H.JobOrderHeaderId AS JobOrderHeaderId, L.JobOrderLineId, L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0) AS BalQty

FROM (

SELECT H.JobOrderHeaderId FROM Web.JobOrderHeaders H WITH (Nolock) WHERE H.DocTypeId IN ( 458,455 ) AND H.DocDate <=' 3/12/2019 12:00:00 AM' AND H.SiteId = 17 AND H.DivisionId =6 ) H

LEFT JOIN web.JobOrderLines L WITH (Nolock) ON L.JobOrderHeaderId = H.JobOrderHeaderId

LEFT JOIN (

SELECT RL.JobOrderLineId, sum(RL.Qty - isnull(RT.Qty,0)) AS RecQty

FROM (

SELECT JobReceiveHeaderId FROM Web.JobReceiveHeaders RH WITH (Nolock) WHERE RH.DocTypeId = 448 AND RH.DocDate <=' 3/12/2019 12:00:00 AM' AND RH.SiteId = 17 AND RH.DivisionId =6 ) RH

LEFT JOIN web.JobReceiveLines RL WITH (Nolock) ON RL.JobReceiveHeaderId = RH.JobReceiveHeaderId

LEFT JOIN web.JobReturnLines RT WITH (Nolock) ON RT.JobReceiveLineId = RL.JobReceiveLineId GROUP BY RL.JobOrderLineId ) VRec ON VRec.JobOrderLineId = L.JobOrderLineId

LEFT JOIN (

SELECT CL.JobOrderLineId, sum(CL.Qty) AS CanQty

FROM Web.JobOrderCancelLines CL WITH (Nolock) GROUP BY CL.JobOrderLineId ) VCan ON VCan.JobOrderLineId = L.JobOrderLineId WHERE L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0) > 0 ) VMain

LEFT JOIN WEb.JobOrderHeaders JOH WITH (Nolock) ON JOH.JobOrderHeaderId = VMain.JobOrderHeaderId

LEFT JOIN web.CostCenters C WITH (Nolock) ON C.CostCenterId = JOH.CostCenterId

LEFT JOIN web.CostCenterStatusExtendeds CE WITH (Nolock) ON CE.CostCenterId = JOH.CostCenterId

LEFT JOIN web.LedgerAccounts LA WITH (Nolock) ON LA.PersonId = JOH.JobWorkerId

LEFT JOIN web.People JW WITH (Nolock) ON JW.PersonID = JOH.JobWorkerId Where IsNull(JW.IsSisterConcern,0) = 0 GROUP BY JOH.JobOrderHeaderId Order by (Case When IsNumeric(Max(JOH.DocNo)) > 0 Then Convert(Numeric,Max(JOH.DocNo)) Else 0 End)

**I .Table Description:**

|  |  |  |
| --- | --- | --- |
| Sr.No. | **Table Name** | Description |
| 1 | Web. JobOrderHeaders | Keep the information of weaving order headers like job worker , Process , division and site etc. |
| 2 | web.JobOrderLines | Keep the Information of weaving order lines like qty , amount and deal qty etc. |
| 3 | Web**.**JobReceiveHeaders | Keep the information of receive order details like receive person , process etc. |
| 4 | web**.**JobReceiveLines | Keep the information related quantity. |
| 5 | web**.**JobReturnLines | Return quantity of order |
| 6 | Web.JobOrderCancelLines | Keep the information of cancel quantity order. |
|  |  |  |
| 7 | WEb.JobOrderHeaders |  |
| 8 | web.CostCenters | Keep the information of purja of order |
| 9 | web.CostCenterStatusExtendeds | Information related to material issues/return detain on particular cost center |
| 10 | Web. People | Keep the detail of job worker |

**2. Strategy:**

All getting pending record from above query do cancel.

I.e. All pending record insert into “JoborderCancelHeaders” table as given below

Query.

"INSERT INTO Web.JobOrderCancelHeaders (DocTypeId, DocDate, ReasonId, DocNo, DivisionId, SiteId, GodownId, Status, Remark, " +

" CreatedBy, ModifiedBy, CreatedDate, ModifiedDate, JobWorkerId, ProcessId, OrderById) " +

" VALUES ( " + JobOrderCancelDocTypeId + ", '" + JobOrderCancelDocDate + "' ," + JobOrderCancelReasonId + ", '" + JobOrderCancelDocNo + "', " +

" " + DtJobOrder.Rows[I]["DivisionId"].ToString() + ", " + DtJobOrder.Rows[I]["SiteId"].ToString() + ", " + FGetNullValue(DtJobOrder.Rows[I]["GodownId"].ToString()) + ", " +

" 1, Null, 'System', 'System', getdate(),getdate(), " + DtJobOrder.Rows[I]["JobWorkerId"].ToString() + " , " + DtJobOrder.Rows[I]["ProcessId"].ToString() + " , " + DtJobOrder.Rows[I]["OrderById"].ToString() + " ) ";

Following are given table in which insert record accordingly.

a) Web.CostCenters

b) Web. CostCenterStatus

c) Web. JobOrderHeaders

d) Web.JobOrderJobOrders

e) Web.JobOrderHeaderStatus

f) Web.JobOrderHeaderCharges

g) Web.JobOrderPerks

|  |  |  |
| --- | --- | --- |
| Sr No. | Table Name/View | Descriptions |
| 1 | Web. CostCenterStatus | in this table keeps the credit and debit amount of purja |
| 2 | Web.JobOrderJobOrders | It’s maintain the relation between old & new job order on the time " closing process" |
| 3 | Web.JobOrderHeaderStatus | In this we are maintain receive quantity & date mostly , which is related table form JobOrderHeaders |
| 4 | Web.JobOrderHeaderCharges | In this table keep details of order charges like incentive, gross amount, net amount & subtotal |
| 5 | Web.JobOrderPerks | In this we are maintain facilities to job worker as incentive , penalty, at the duration on time bound |

**3. Strategy:**

Following are given query for getting pending job order line record.

" SELECT H.JobOrderHeaderId, H.DocTypeId, H.DocNo, H.DocDate, H.JobWorkerId, H.ProcessId, " +

" L.JobOrderLineId, isnull(L.ProductUidId,0) AS ProductUidId, L.ProductId, isnull(L.ProdOrderLineId,0) ProdOrderLineId, L.DealUnitId, L.UnitId, L.Rate, L.Amount, L.Remark , " +

" L.NonCountedQty, L.LossQty, L.Specification, L.UnitConversionMultiplier, L.StockId AS StockId, L.ProductUidHeaderId AS ProductUidHeaderId, L.Sr, " +

" L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0) AS BalQty , (L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0)) \* L.UnitConversionMultiplier AS BalDealQty " +

" FROM " +

" ( SELECT H.\* FROM Web.JobOrderHeaders H WITH (Nolock) WHERE H.JobOrderHeaderId = " + DtJobOrder.Rows[I]["JobOrderHeaderId"].ToString() + " ) H " +

" LEFT JOIN web.JobOrderLines L WITH (Nolock) ON L.JobOrderHeaderId = H.JobOrderHeaderId " +

" LEFT JOIN " +

" ( " +

" SELECT RL.JobOrderLineId, sum(RL.Qty - isnull(RT.Qty,0)) AS RecQty " +

" FROM " +

" ( " +

" SELECT JobReceiveHeaderId FROM Web.JobReceiveHeaders RH WITH (Nolock) WHERE RH.DocTypeId = " + WVREC + " " +

" AND RH.DocDate <=' " + CloseDate + "' AND RH.SiteId = " + SiteId + " AND RH.DivisionId =" + DivisionId + " " +

" ) RH " +

" LEFT JOIN web.JobReceiveLines RL WITH (Nolock) ON RL.JobReceiveHeaderId = RH.JobReceiveHeaderId " +

" LEFT JOIN web.JobReturnLines RT WITH (Nolock) ON RT.JobReceiveLineId = RL.JobReceiveLineId " +

" LEFT JOIN web.JobOrderLines JOL WITH (Nolock) ON JOL.JobOrderLineId = RL.JobOrderLineId " +

" WHERE JOL.JobOrderHeaderId = " + DtJobOrder.Rows[I]["JobOrderHeaderId"].ToString() + " " +

" GROUP BY RL.JobOrderLineId " +

" ) VRec ON VRec.JobOrderLineId = L.JobOrderLineId " +

" LEFT JOIN " +

" ( " +

" SELECT CL.JobOrderLineId, sum(CL.Qty) AS CanQty " +

" FROM Web.JobOrderCancelLines CL WITH (Nolock) " +

" LEFT JOIN web.JobOrderLines JOL WITH (Nolock) ON JOL.JobOrderLineId = CL.JobOrderLineId " +

" WHERE JOL.JobOrderHeaderId = " + DtJobOrder.Rows[I]["JobOrderHeaderId"].ToString() + " " +

" GROUP BY CL.JobOrderLineId " +

" ) VCan ON VCan.JobOrderLineId = L.JobOrderLineId " +

" WHERE L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0) > 0 ";

Following are given table in which insert record accordingly.

* + - 1. Web.JobOrderCancelLines
      2. Web.JobOrderLineCharges

**I .Table Description:**

|  |  |  |
| --- | --- | --- |
| Sr No. | Table Name / View | Description |
| 1 | Web.JobOrderCancelLines | *In this keep information of cancel quantity against job order line* |
| 2 | Web.JobOrderLineCharges | In this table keep details of order charges like gross amount, net amount & subtotal |

1. **Strategy :**

Following are given query to update/Transfer bar code of purja.

"UPDATE Web.ProductUids " +

" SET Web.ProductUids.LastTransactionDocId = V1.LastTransactionDocId, " +

" Web.ProductUids.LastTransactionDocNo = V1.LastTransactionDocNo, " +

" Web.ProductUids.LastTransactionDocTypeId = V1.LastTransactionDocTypeId, " +

" Web.ProductUids.LastTransactionDocDate = V1.LastTransactionDocDate, " +

" Web.ProductUids.LastTransactionPersonId = V1.LastTransactionPersonId " +

" FROM ( " +

" SELECT L.ProductUidId, Jh.JobOrderHeaderId AS LastTransactionDocId, Jh.DocNo AS LastTransactionDocNo, " +

" Jh.DocTypeId AS LastTransactionDocTypeId, Jh.DocDate AS LastTransactionDocDate, Jh.JobWorkerId AS LastTransactionPersonId " +

" FROM Web.JobOrderLines L " +

" LEFT JOIN Web.JobOrderHeaders H ON L.JobOrderHeaderId = H.JobOrderHeaderId "+

" LEFT JOIN Web.JobOrderJobOrders JJ ON H.JobOrderHeaderId = JJ.GenJobOrderHeaderId "+

" LEFT JOIN Web.JobOrderHeaders Jh ON Jj.JobOrderHeaderId = Jh.JobOrderHeaderId "+

" WHERE L.JobOrderLineId = " + OldJobOrderLineId + " " +

" ) AS V1 WHERE Web.ProductUids.ProductUidId = V1.ProductUidId ";

**I .Table Description:**

|  |  |  |
| --- | --- | --- |
| Sr No. | Table Name/View | Descriptions |
| 1 | Web.ProductUids | In this keep information of barcode (purja) |
|  |  |  |
|  |  |  |

1. **Strategy :**

On basic of Unique job Order Id we perform some action using stored procedure

As given Procedure Name below .

Stored Procedure Name: “Web.sp\_PostBomForWeavingOrderCancel”.

Following are given tables used in stored procedure

**I .Table Description:**

|  |  |  |
| --- | --- | --- |
| Sr No. | Table Name/View | Descriptions |
| 1 | Web.JobOrderCancelBoms | It’s Keep the consumption of cancel quantity |
| 2 | Web.BomDetails | Keep information of the bill of materials details like consumptions. |
| 3 | Web.ViewRugSize | keep information of size & area like standard and manufacturing |
| 4 | Web. Processes | It is maintain Every manufacturing process of carpet |

1. **Strategy :**

We are post to job order consumption and this action will perform only for “Main”

Site.

Following are given table, in which record will be inserted and using stored

Procedure we get the bill of materials for weaving.

1. Table : Web.JobOrderBoms
2. Stored Procedure : Web.ProcGetBomForWeaving

We are post the bill of materials except “main “division as using below stored

Procedure

Stored Procedure Name: Web.sp\_PostBomForWeavingOrder

1. **Strategy :**

Orders on the factory and material **requisitions** were issued to foremen, transfers between departments and into store were all recorded as below given stored procedure.

Stored Procedure Name: Web.sp\_ReGenerateRequisition

**I .Table Description:**

|  |  |  |
| --- | --- | --- |
| Sr.No. | Table Name/View | Descriptions |
| 1 | Web.RequisitionHeaders | Keep the information of weaving Requisition headers like job worker , CostCenters |
| 2 | Web.RequisitionLines | Keep the information of material’s shade wise summary |
| 3 | Web.ViewRequisitionBalance | Pending material issue to job worker |
| 4 | Web.RequisitionLineStatus | In this keep the records of requisition material like how many quantity did issued and received & canceled with date wise. |
| 5 | Web.RequisitionCancelHeaders | Keep the information of weaving Requisition Cancel headers like job worker |
| 6 | Web.RequisitionCancelLines | *In this keep information of Requisition cancel quantity against Requisition Line* |

1. **Strategy :**

Finally we transfer the materials and using below stored procedure we perform some action as given below.

1. Web.SpUpdate\_CostCenterStatusExtended ”

Action: Update the All below Action.

1. Pending To Invoice Amount
2. Order Qty
3. Order Cancel Qty
4. Receive Qty
5. Bazar Penalty
6. Invoice Qty
7. Return Qty
8. Material Issue & Return
9. Job Order BOM
10. Job Order Cancel BOM
11. Consume Qty
12. Return Consume Qty
13. Product
14. RequisitionProductCount
15. MaterialIssueProductCount
16. MaterialReturnProductCount
17. Rate Settlement
18. Transfer
19. Consumption Adjustment
20. Ledger

**I .Table Description:**

|  |  |  |
| --- | --- | --- |
| Sr.No. | Table Name/View | Descriptions |
| 1 | Web.StockHeaders |  |
| 2 | Web.StockLines |  |
| 3 | Web.StockProcesses |  |
| 4 | web.Ledgers |  |
| 5 | web.LedgerHeaders |  |
| 6 | web.ChargeGroupPersons |  |
| 7 | Web.ViewJobInvoiceLineWithAmdCharges |  |
| 8 | web.JobInvoiceLineCharges |  |

**\*\*\*\*\*\*\*\*\*Process to run closure tool in application \*\*\*\*\*\*\*\*\*\*\*\***

Step -1 first of all below query are run to find the record and in which we check the value of loss quantity column is null, replace the value of null to numeric zero for “Tufted ” division.

SELECT JOH.JobOrderHeaderId, Max(convert(INT,JW.IsSisterConcern)) AS IsSisterConcern, Max(C.CostcenterName) AS CostcenterName, Max(CE.ProductId) AS ProductId, Max(LA.LedgerAccountId) AS LedgerAccountId, Max(JOH.Remark) AS Remark, Max(JOH.UnitconversionForId) AS UnitconversionForId, Max(JOH.ActualDueDate) AS ActualDueDate, Max(JOH.DocTypeId) AS DocTypeId, Max(JOH.DocDate) AS DocDate, Max(JOH.DocNo) AS DocNo, Max(JOH.DivisionId) AS DivisionId, Max(JOH.SiteId) AS SiteId, Max(JOH.DueDate) AS DueDate, Max(JOH.JobWorkerId) AS JobWorkerId , Max(JOH.BillToPartyId) AS BillToPartyId, Max(JOH.OrderById) AS OrderById, Max(isnull(JOH.GodownId,0)) AS GodownId, Max(JOH.ProcessId) AS ProcessId, Max(JOH.CostCenterId) AS CostCenterId ,Max(JOH.TermsAndConditions) AS TermsAndConditions

FROM (

SELECT H.JobOrderHeaderId AS JobOrderHeaderId, L.JobOrderLineId, L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0) AS BalQty

FROM (

SELECT H.JobOrderHeaderId FROM Web.JobOrderHeaders H WITH (Nolock) WHERE H.DocTypeId IN ( 458,455 ) AND H.DocDate <=' 3/12/2019 12:00:00 AM' AND H.SiteId = 17 AND H.DivisionId =6 ) H

LEFT JOIN web.JobOrderLines L WITH (Nolock) ON L.JobOrderHeaderId = H.JobOrderHeaderId

LEFT JOIN (

SELECT RL.JobOrderLineId, sum(RL.Qty - isnull(RT.Qty,0)) AS RecQty

FROM (

SELECT JobReceiveHeaderId FROM Web.JobReceiveHeaders RH WITH (Nolock) WHERE RH.DocTypeId = 448 AND RH.DocDate <=' 3/12/2019 12:00:00 AM' AND RH.SiteId = 17 AND RH.DivisionId =6 ) RH

LEFT JOIN web.JobReceiveLines RL WITH (Nolock) ON RL.JobReceiveHeaderId = RH.JobReceiveHeaderId

LEFT JOIN web.JobReturnLines RT WITH (Nolock) ON RT.JobReceiveLineId = RL.JobReceiveLineId GROUP BY RL.JobOrderLineId ) VRec ON VRec.JobOrderLineId = L.JobOrderLineId

LEFT JOIN (

SELECT CL.JobOrderLineId, sum(CL.Qty) AS CanQty

FROM Web.JobOrderCancelLines CL WITH (Nolock) GROUP BY CL.JobOrderLineId ) VCan ON VCan.JobOrderLineId = L.JobOrderLineId WHERE L.Qty - isnull(VRec.RecQty,0) - isnull(VCan.CanQty,0) > 0 ) VMain

LEFT JOIN WEb.JobOrderHeaders JOH WITH (Nolock) ON JOH.JobOrderHeaderId = VMain.JobOrderHeaderId

LEFT JOIN web.CostCenters C WITH (Nolock) ON C.CostCenterId = JOH.CostCenterId

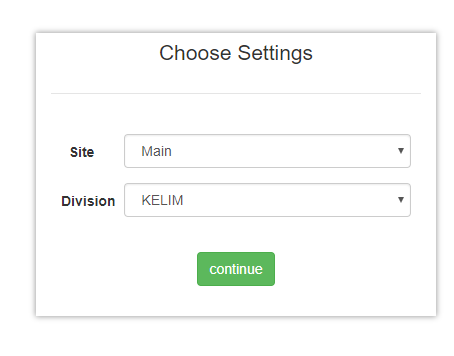
LEFT JOIN web.CostCenterStatusExtendeds CE WITH (Nolock) ON CE.CostCenterId = JOH.CostCenterId

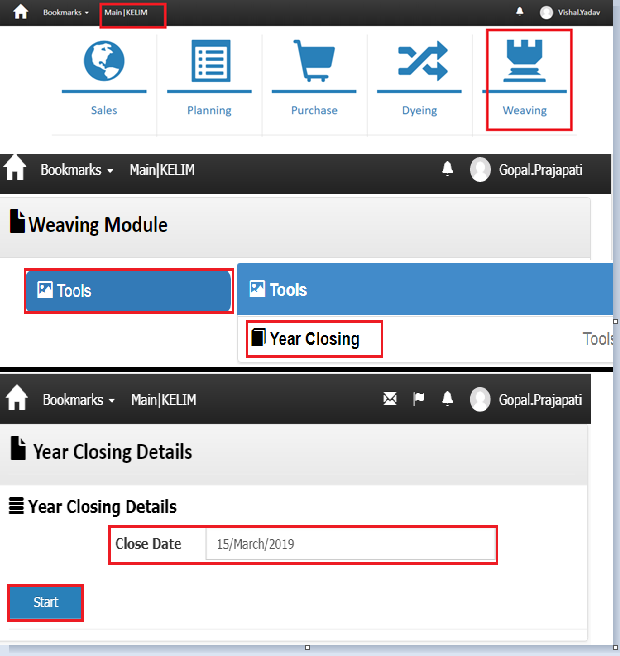
LEFT JOIN web.LedgerAccounts LA WITH (Nolock) ON LA.PersonId = JOH.JobWorkerId

LEFT JOIN web.People JW WITH (Nolock) ON JW.PersonID = JOH.JobWorkerId Where IsNull(JW.IsSisterConcern,0) = 0 GROUP BY JOH.JobOrderHeaderId Order by (Case When IsNumeric(Max(JOH.DocNo)) > 0 Then Convert(Numeric,Max(JOH.DocNo)) Else 0 End)

Step -2: Run tool each and every site and division .as given screen shot

1. For Main to Kelim





Finally we select proper Closing date and click start button tool is continue…….. .

Note: 1 remaining (Main) site and division should be complete closing tool just like Kelim.

Note: 2 except Main branch all branch should be run with only “tufted” division.

Currently working branch is ----

1. 'Aurai'
2. 'Chaksari'
3. 'Main'
4. 'Thatra'
5. 'Sarvatkhani'
6. 'NATWA'
7. 'Fattupur'