**Syakaar Posted Sales Shipment Task**

Create three Boolean fields in Sales Shipment Header

1. Is Battery
2. If a field called ‘Make Code’ in a table Sales Shipment Line is ‘BATTERY’ then this Boolean needs to be yes. Otherwise, no.
3. Ship Cancel
4. If a field called ‘Correction’(Boolean) is ‘yes’, then this Boolean also needs to be ‘yes’.
5. Sales Return
6. When an item is posted from sales order and is sent to Posted Sales Shipment and Posted Sales Invoice, a record in Sales Credit Memo will also be posted. If we post that record from Sales Credit Memo, then it is to be returned, so this Boolean must be ‘yes’.

Solution

1. Is Battery

Put the following in the properties of this field.

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| FieldClass | FlowField |
| CalcFormula | Exist(“Sales Shipment Line” where (Docment no.= Field(No.), Make Code = CONST(BATTERY))) |

Do not forget to change the properties of this field from the table’s page where Drilldown must be ‘No’.

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| Drilldown | No |

1. Ship Cancel

Similary, we can do this for ‘Ship Cancel’ Boolean as well.

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| FieldClass | FlowField |
| CalcFormula | Exist(“Sales Shipment Line” where (Docment no.= Field(No.), Make Code = CONST(Yes))) |

Do not forget to change the properties of this field from the table’s page where Drilldown must be ‘No’.

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| Drilldown | No |

1. Sales Return

In the case of this Boolean field, when a record in ‘Sales Credit Memo’ is posted, the record i.e. an item is being returned, so, if the record is posted then this Boolean field must be ‘No’.

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| A screenshot of a computer  Description automatically generated |

First, we go to the page of ‘(id: 9302) Sales Credit Memo’ and go to the actions tab and on to the post action’s code.

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Now if we go to the code unit ‘(id: 81) Sales-Post (Yes/No)’, we will see the following.

Now if we go to the code unit ‘(id: 80) Sales-Post’, in ‘InsertCrMemoHeader’ function, we will call a function we will create. We will name our new function ‘AfterSalesInsert’.

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| **AfterSalesInsert(VAR SalesCrMemoReturnDocNo : Code[20])**  **SalesinvHeader5.RESET;**  **SalesinvHeader5.SETRANGE(SalesinvHeader5."No.", SalesCrMemoReturnDocNo);**  **IF SalesinvHeader5.FINDFIRST THEN BEGIN**  **SalesShipmentHeader5.RESET;**  **SalesShipmentHeader5.SETRANGE(SalesShipmentHeader5."Order No.", SalesinvHeader5."Order No.");**  **IF SalesShipmentHeader5.FINDFIRST THEN**  **SalesShipmentHeader5."Sales Return" := TRUE;**  **SalesShipmentHeader5.MODIFY**();  END; |

We will call this function in another function called ‘InsertCrMemoHeader’.

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| |  | | --- | | **LOCAL InsertCrMemoHeader(SalesHeader : Record "Sales Header";VAR SalesCrMemoHeader : Record "Sales Cr.Memo Header")**  **WITH SalesHeader DO BEGIN**  **SalesCrMemoHeader.INIT;**  **SalesCrMemoHeader.TRANSFERFIELDS(SalesHeader);**  **IF "Document Type" = "Document Type"::"Return Order" THEN BEGIN**  **SalesCrMemoHeader."No." := "Posting No.";**  **IF SalesSetup."Ext. Doc. No. Mandatory" THEN**  **TESTFIELD("External Document No.");**  **SalesCrMemoHeader."Pre-Assigned No. Series" := '';**  **SalesCrMemoHeader."Return Order No. Series" := "No. Series";**  **SalesCrMemoHeader."Return Order No." := "No.";**  **Window.UPDATE(1,STRSUBSTNO(CreditMemoNoMsg,"Document Type","No.",SalesCrMemoHeader."No."));**  **END ELSE BEGIN**  **SalesCrMemoHeader."Pre-Assigned No. Series" := "No. Series";**  **SalesCrMemoHeader."Pre-Assigned No." := "No.";**  **IF "Posting No." <> '' THEN BEGIN**  **SalesCrMemoHeader."No." := "Posting No.";**  **Window.UPDATE(1,STRSUBSTNO(CreditMemoNoMsg,"Document Type","No.",SalesCrMemoHeader."No."));**  **END;**  **END;**  **SalesCrMemoHeader."Source Code" := SrcCode;**  **SalesCrMemoHeader."User ID" := USERID;**  **SalesCrMemoHeader."No. Printed" := 0;**  **SalesCrMemoHeader."Posting Time" := TIME;   //DLR2017CU5 SRT**  **IF SalesHeader3.GET("Document Type","No.") THEN// prabesh to flow return document no from ext**  **SalesCrMemoHeader."Return Document No." := SalesHeader3."Return Document No.";**  **SalesCrMemoHeader.INSERT;**  **AfterSalesInsert(SalesCrMemoHeader."Return Document No.");**    **ApprovalsMgmt.PostApprovalEntries(RECORDID,SalesCrMemoHeader.RECORDID,SalesCrMemoHeader."No.");**    **IF SalesSetup."Copy Cmts Ret.Ord. to Cr. Memo" THEN BEGIN**  **CopyCommentLines(**  **"Document Type",SalesCommentLine."Document Type"::"Posted Credit Memo",**  **"No.",SalesCrMemoHeader."No.");**  **RecordLinkManagement.CopyLinks**(SalesHeader,SalesCrMemoHeader);   END;  END; | |

We will pass a return type parameter in this function. Since, Table/Page ‘Sales Credit Memo’ only has this field ‘Return Document No.’, we will only pass this field, and we will use setrange for other required fields like ‘Order No.’ of ‘Sales Shipment Header’ and ‘Sales Invoice Header’ and ‘No.’ of ‘Sales Invoice Header’.

**New Requirement:**

The field ‘Sales Return’ Boolean must be in Posted Invoice Header as well.

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| SalesinvHeader5.RESET; SalesinvHeader5.SETRANGE(SalesinvHeader5."No.", SalesCrMemoReturnDocNo); IF SalesinvHeader5.FINDFIRST THEN BEGIN   SalesShipmentHeader5.RESET;   SalesShipmentHeader5.SETRANGE(SalesShipmentHeader5."Order No.", SalesinvHeader5."Order No.");   SalesShipmentHeader5.SETRANGE(SalesShipmentHeader5."Ship cancel", FALSE);   IF SalesShipmentHeader5.FINDFIRST THEN BEGIN     REPEAT       SalesShipmentHeader5."Sales Return" := TRUE;       SalesShipmentHeader5.MODIFY;     UNTIL SalesShipmentHeader5.NEXT = 0;   END;   IF SalesShipmentHeader5.FINDFIRST THEN BEGIN     SalesinvHeader5."Sales Return" := TRUE;     SalesinvHeader5.MODIFY();   END END; |