Former Member

July 6, 2015 | 6 minute read

Collective reject from ME28 (Approve Purchase Documents)

☐ 2   ☐ 1   ☐ 2,240

Follow

☐ Like

☐ RSS Feed

Requirement :

ME28 {Release (Approve) Purchasing Documents} is the Transaction Code for Collect Approval where the requirement is to have Collective Rejection with Status of 08.

Procedure :

This requirement can be achieved by enhancing (Implicit Enhancement) Standard Program RM06EF00.

A>>> Identify the *Implicit Enhancement places* for incorporating the REJECTION functionality.

B>>> Enhance the Report RM06EF00 Output displayed in ALV , providing the REJECTION icon as similar as the APPROVE icon.

C>>> Handle the REJECTION icon functionality and Set the Document Number with Status-08.

Spot-1 : Enhancement in Data Declaration for defining the REJECTION Method and to add the functionality in

lcl_datablade_purchdoc_rel DEFINITION as below

```
ENHANCEMENT 1  ZMM_ME28.    "active version
   CLASS-DATA: my_icon_reject TYPE icon_release,
          my_icon_undo  TYPE icon_release.
   DATA     : MY_PROCSTAT     TYPE EKKO-PROCSTAT.
ENDENHANCEMENT.
*$*$-End:  (1)—————————————————————————$*$*
```

ENDCLASS.   *"lcl_datablade_purchdoc_rel DEFINITION*

Spot-2 : Add REJECT ICON to be displayed in the Output of the ALV Report .

```
ENHANCEMENT 2  ZMM_ME28.    "active version
   l_info = 'Reject'(134).
   CALL FUNCTION 'ICON_CREATE'
    EXPORTING
      name  = icon_reject
      info  = l_info
    IMPORTING
      result = my_icon_reject
    EXCEPTIONS
      OTHERS = 0.
      l_info = 'Reject'(134).
    CALL FUNCTION 'ICON_CREATE'
     EXPORTING
       name  = ICON_SYSTEM_UNDO
       info  = l_info
     IMPORTING
       result = my_icon_undo
     EXCEPTIONS
       OTHERS = 0.
ENDENHANCEMENT.
```

$*$-End: (1)——————————————————————————$*$

  ENDMETHOD.   "class_constructor

Spot-3 : Handling the action made on the REJECTION ICON enhancement made at double click event.

ENHANCEMENT 03 ZMM_ME28.   "active version

    METHODS : REJECTION IMPORTING IM_WA TYPE ANY.

ENDENHANCEMENT.

$*$-End: (2)——————————————————————$*$

ENDCLASS.   " "lcl_reporting_cnt_purchdoc_rel DEFINITION

Spot-4 : To make the REJECTION icon HOTSPOT in Fieldcatalog

ENHANCEMENT 04 ZMM_ME28.   "active version

   LOOP AT my_fcat ASSIGNING <fcat>.

     CASE <fcat>-fieldname.

       WHEN 'ICON_REJECT'.

         <fcat>-icon = cl_mmpur_constants=>yes.

         <fcat>-hotspot = cl_mmpur_constants=>yes.

       ENDCASE.

       ENDLOOP.

       re_fcat = my_fcat.

ENDENHANCEMENT.

$*$-End: (1)————————————————————————$*$

ENDMETHOD.　　　　　　　"get_fcat

Spot-5 : Implementation of the Method REJECTION

METHOD rejection.

" Method for Collective Rejection for ME28.

DATA: ls_outtab　　　TYPE merep_outtab_purchdoc_rel,

l_model　　　TYPE REF TO lcl_reporting_model,

l_datablade　　TYPE REF TO lcl_datablade_general,

l_frgab　　　TYPE rm06b-frgab,

l_frgzu　　　TYPE ekko-frgzu,

l_frgke　　　TYPE ekko-frgke,

l_ebeln　　　TYPE ekko-ebeln,

lv_ebeln　　　TYPE ekko-ebeln.

data: lc_po　　type ref to cl_po_header_handle_mm,

ls_document type mepo_document,

IM_DATA TYPE MEPOHEADER.

DATA : IM_header TYPE BAPIMEPOHEADER,

EX_header TYPE BAPIMEPOHEADER,

IM_headerx TYPE BAPIMEPOHEADERX ,

T_RETURN TYPE STANDARD TABLE OF BAPIRET2,

S_RETURN LIKE LINE OF T_RETURN,

CL_PO TYPE REF TO CL_PO_HEADER_HANDLE_MM,

VAR TYPE C.

FIELD-SYMBOLS: <line> LIKE LINE OF gt_outtab_purchdoc_rel.

```
    l_model = my_view->get_model( ).

    l_datablade ?= l_model->get_current_datablade( ).

MOVE-CORRESPONDING im_wa TO ls_outtab.

*  prepare creation of PO instance

  ls_document-doc_type    = 'F'.

  ls_document-process    = mmpur_po_process.

  ls_document-trtyp      = 'V'.

  ls_document-doc_key(10) = ls_outtab-ebeln.

  ls_document-initiator-initiator = mmpur_initiator_rel.

*  object creation and initialization

* lv_ebeln = ls_outtab-ebeln.

  create object lc_po.

  lc_po->for_bapi = mmpur_yes.

  call method lc_po->po_initialize( im_document = ls_document ).

  call method lc_po->set_po_number( im_po_number = ls_outtab-ebeln ).

  call method lc_po->set_state( cl_po_header_handle_mm=>c_available ).

CASE ls_outtab-icon_reject.

WHEN lcl_datablade_purchdoc_rel=>my_icon_reject.

*  read purchase order from database

  call method lc_po->po_read

    exporting

      im_tcode    = 'ME29N'

      im_trtyp    = ls_document-trtyp

      im_aktyp    = ls_document-trtyp

      im_po_number = ls_outtab-ebeln
```

```
    im_document  = ls_document.
  if lc_po->if_releasable_mm~is_rejection_allowed( ) = mmpur_yes.

    call method lc_po->if_releasable_mm~reject

    exporting

      im_reset = space

    exceptions

      failed  = 1

      others  = 2.

  endif.

  CALL METHOD lc_po->po_post

   EXCEPTIONS

     failure        = 1

     others          = 2

       .

  if sy-subrc = 0.

    LOOP AT gt_outtab_purchdoc_rel ASSIGNING <line> WHERE

                                ebeln = ls_outtab-ebeln.

      IF l_ebeln NE ls_outtab-ebeln.

        <line>-icon_reject = lcl_datablade_purchdoc_rel=>my_icon_undo.

        l_ebeln = ls_outtab-ebeln.

      ELSE.

        CLEAR <line>-icon_reject.

      ENDIF.

    ENDLOOP.

ENDIF.
```

```
    endcase.

   ENDMETHOD.

 ENDENHANCEMENT.

 *$*$-End:  (5)———————————————————————————$*$*

   ENDCLASS.                 "lcl_reporting_cnt_purchdoc_rel IMPLEMENTATION
```

Spot-6 : Enhancement for handling the action for double click on REJECTION icon.

```
 IF ch_selfield-fieldname EQ 'ICON_REJECT'.

     CHECK NOT ch_selfield-tabindex IS INITIAL.

     CHECK ch_selfield-sumindex IS INITIAL.

     CHECK NOT ch_ucomm EQ 'MEDETAIL'.

     CALL METHOD rejection( im_wa = im_wa ).

     ch_selfield-refresh = 'X'.

     ch_selfield-col_stable = 'X'.

     ch_selfield-row_stable = 'X'.

   ENDIF.

 ENDENHANCEMENT.

 *$*$-End:  (3)——————————————————————————$*$*

   ENDMETHOD.                  "double_click
```
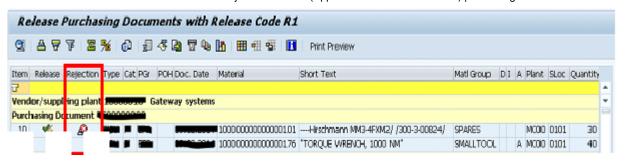
Sample Output :

Thanks & Regards,

Assigned Tags

ABAP Extensibility

integration option for Microsoft Office SharePoint software

cancel

cl po header handle mm

collective

enhanced

enhancement

View more...

Similar Blog Posts

Automate Master Data Vendor Extension Process to Purchase Organization with Approval Workflow

By arghadip kar   Dec 07, 2020

Understanding how email template works in Flexible Workflow

By Gourab Dey   Oct 16, 2021

Enhancement for Version Long Text in ME21n/22n/23n

By Former Member   Jul 06, 2015

Related Questions

Screen Exits for ME2N

By Former Member   Apr 20, 2009

Exit or enhancement for ME21, ME22, ME21N, ME22N and ME27

By Former Member   Dec 11, 2009

Enhancements to add custom message log in purchase order

By Vijay Dhanasekar   Mar 03, 2009

Join the Conversation

SAP TechEd

Tune in for tech talk. Stay for inspiration. Upskill your future.

SAP BTP Learning Group

SAP Business Technology Platform Learning Journeys.

Coffee Corner

Join the new Coffee Corner Discussion Group.

2 Comments

You must be Logged on to comment or reply to a post.

Dennis Urbano

February 8, 2018 at 4:45 pm

Hi **S.Rajendranath,**

Could you please list the places for incorporating that functionality?

Thanks in advance.

Like 0 | Share

Hitesh Thakore

April 2, 2018 at 5:01 pm

Enhancement mentioned in this blog is done for ALV report SAPLMEREP (function group MEREP).

Start with include LMEREPD20 for *lcl_datablade_purchdoc_rel DEFINITION enhancement and follow steps.*

Like 0 | Share

Find us on

Privacy

Terms of Use

Legal Disclosure
Copyright
Trademark
Newsletter
Support