JMK Process Revenue Amortization Calculation

|  |  |
| --- | --- |
| Epic |  |
| Road Map |  |
| Document Owner | Dinda Aprilia Pratiwi |
| Designer | Dinda Aprilia Pratiwi |
| Developer | Egi Agus Setiawan Nurdin |
| QA | Dinda Aprilia Pratiwi |

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| --- | --- | --- |
| Enhancement/Refinement | Ticket | Owner |
| Origin | <https://project.opusb.co.id/issues/102>  | Dinda Aprilia Pratiwi |

# UI

Menu :Product

Window :  **Product**

**Tab: Accounting**



Table: M\_Product\_Acct

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Name** | **Reference Type** | **Reference** | **Notes** |
| JMK\_RevenueAmt\_Acct | Revenue (Amortization) | Account |  |  |

Menu :GL Journal

Window :  **GL Journal**

**Tab: GL Journal Line**



Table: GL\_JournalLine

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Name** | **Reference Type** | **Reference** | **Notes** |
| JMK\_AmtDetail\_ID | Amortization Detail No. | Search id |  |  |
| JMK\_AmtInvoice\_ID | JMK\_AmtInvoice\_ID | Search id |  | Display=N |
| JMK\_SuratPenjaminan\_ID | SP No. | Search id |  |  |

Menu: JMK Process Revenue Amortization

Report/Process: JMK Process Revenue Amortization



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Name** | **Reference Type** | **Reference** | **Notes** |
| **Parameter** |  |  |  |  |
| AD\_Org\_ID | Organization | Table Direct |  | Default to loginMandatory=Y |
| C\_DocTypeTarget\_ID | Target Document Type | Table Direct |  | Default=DocBaseType=GLJ and IsActive=YDef Logic= 1003536Mandatory=Y |
| C\_BPartner\_ID | Business Partmer | Search ID |  | Business Partner Info (customer) |
| JMK\_AmtDetail\_ID | Amortization No. | Search ID |  |  |
| ~~DateFrom~~ C\_Period\_ID | Period ~~Date~~ | ~~Short Date~~Table Direct |  | =SysPeriodMandatory=Y |
| ~~DateTo~~ | ~~To~~ | ~~Short Date~~ |  | ~~=SysDate~~~~Mandatory=Y~~ |
| ProcessDate | Process Date | Short Date |  | =SysDateMandatory=Y |
| DocAction | Doc Action | Reference | * CO
* IP
* DR
 | Default to COMandatory=Y |

**Business Logic**

Call out in Process JMK Process Revenue Amortization

|  |  |
| --- | --- |
| **Trigger** | **Process** |
| JMK\_AmtDetail | New info window**Parameter*** ad\_org\_id/Organization/default login
* C\_Invoice\_ID/Invoice No./String
* C\_Bpartner\_ID/Business Partner/String
* ~~DateFrom~~ C\_Period\_ID /Period ~~from~~/~~Short Date~~ Table Direct /Default=SysPeriod
* ~~DateTo/To/Default=SysDate~~

**Result*** ic.Documentno/Invoice No
* ic.c\_bpartner”name”/Business Partner
* ad.Line/Line
* ad.SisaBulan/Sisa Bulan
* ad.DateDoc/Period
* ic.JMK\_Amount/Nial Penjaminan
* ad.Amt/Nilai Amortisasi
* ad.SaldoAmt/Saldo Amortisasi

**Call Out**Select all result from JMK\_AmtDetail adJoin c\_invoice ic on ic.c\_invoice\_id=ad.c\_invoice\_idJoin JMK\_AmtInvoice ai on ai.JMK\_SuratPenjaminan\_ID=ad. JMK\_SuratPenjaminan\_IDJoin JMK\_SuratPenjaminan sp on sp. JMK\_SuratPenjaminan\_ID=ad. JMK\_SuratPenjaminan\_IDWhere* Ai.Status=AK and
* ad\_GL\_Journal\_ID is null and
* ad.ad\_org\_id=ad\_org\_id<parameter> and
* ad.c\_invoice\_id=c\_invoice\_id.”documentno”<parameter> if parameter is not null and
* sp.c\_bpartner\_id”name”=c\_Bpartner\_id<parameter> if parameter is not null and
* ad.DateDoc ~~between datefrom<parameter> and dateto<parameter>~~ Based on Period <Parameter>

Sort By ad.created desc  |
|  |  |

 **Validation in Process JMK Process Revenue Amortization**

|  |  |
| --- | --- |
| **Trigger** | **Process** |
| Ok |  |

**Process in Process JMK Process Revenue Amortization**

|  |  |
| --- | --- |
| **Trigger** | **Process** |
| OK | 1. **Select jmk\_amtdetail\_id**

from JMK\_AmtDetail adJoin c\_invoice ic on ic.c\_invoice\_id=ad.c\_invoice\_idJoin JMK\_AmtInvoice ai on ai.JMK\_SuratPenjaminan\_ID=ad. JMK\_SuratPenjaminan\_IDJoin JMK\_SuratPenjaminan sp on sp. JMK\_SuratPenjaminan\_ID=ad. JMK\_SuratPenjaminan\_IDWhere* Ai.Status=AK and
* ad\_GL\_Journal\_ID is null and
* ad.ad\_org\_id=ad\_org\_id<parameter> and
* ad.jmk\_amtdetail\_id=jmk\_amtdetail\_id<parameter> if parameter is not null and
* sp.c\_bpartner\_id”name”=c\_Bpartner\_id<parameter> if parameter is not null and
* ad.DateDoc ~~between datefrom<parameter> and dateto<parameter>~~ Based on Period <Parameter>
1. **Run process call out GL Journal Amortization**
2. **Update GL\_Journal\_ID in JMK\_AmtDetail**
 |

**Process call out GL Journal Amortization**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column From** | **Table From** | **Column To** | **Table To** | **Notes** |
|  |  |  |  |  |
|  |  | ad\_client\_id | GL\_Journal | login default |
|  |  | ad\_org\_id | GL\_Journal | login default |
|  |  | c\_acctschema\_id | GL\_Journal | 1000073 |
|  |  | c\_conversiontype\_id | GL\_Journal | 1000004 |
|  |  | c\_currency\_id | GL\_Journal | 303 |
| c\_targetdoctype\_id | <parameter> | c\_doctype\_id | GL\_Journal | 1003537 |
| ProcessDate | <parameter> | c\_period\_id | GL\_Journal | get month and year of ProcessDate then select c\_period\_id |
|  |  | controlamt | GL\_Journal | 0 |
|  |  | copyfrom | GL\_Journal | N |
|  |  | created | GL\_Journal | sysdate |
|  |  | createdby | GL\_Journal | login default |
|  |  | currencyrate | GL\_Journal | 1 |
| ProcessDate | <parameter> | dateacct | GL\_Journal |  |
| ProcessDate | <parameter> | datedoc | GL\_Journal |  |
|  |  | description | GL\_Journal | default= " Amortisasi @get month and year from ProcessDate<parameter>", ex: Amortisasi March 2025 |
|  |  | docaction | GL\_Journal | CO |
|  |  | documentno | GL\_Journal | running num based on docsequence in doctype |
|  |  | gl\_category\_id | GL\_Journal | 1000559 |
|  |  | gl\_journal\_id | GL\_Journal | auto |
|  |  | gl\_journal\_uu | GL\_Journal | auto |
|  |  | isaccrual | GL\_Journal | N |
|  |  | isactive | GL\_Journal | Y |
|  |  | postingtype | GL\_Journal | A |
|  |  | totalcr | GL\_Journal | default where sum gl\_journaline.AmtAcctCr  |
|  |  | totaldr | GL\_Journal | default where sum gl\_journaline.AmtAcctDr  |
|  |  | updated | GL\_Journal | sysdate |
|  |  | updatedby | GL\_Journal | login default |
|  |  | versionno | GL\_Journal | 1 |
|  |  | a\_createasset | GL\_JournalLine | N |
|  |  | a\_processed | GL\_JournalLine | N |
| P\_Revenue\_Acct | M\_Product\_Acct | account\_id | GL\_JournalLine | If amtacctdr is not null |
| JMK\_Revenue\_Acct | M\_Product\_Acct | account\_id | GL\_JournalLine | If amtacctcr is not null |
| ad\_client\_id | GL\_Journal | ad\_client\_id | GL\_JournalLine |  |
| ad\_org\_id | GL\_Journal | ad\_org\_id | GL\_JournalLine |  |
| amt | JMK\_AmtDetail | amtacctcr | GL\_JournalLine | If amtacctdr is not null set to 0 |
| amt | JMK\_AmtDetail | amtacctdr | GL\_JournalLine | If amtacctcr is not null set to 0 |
| amt | JMK\_AmtDetail | amtsourcecr | GL\_JournalLine | If amtacctdr is not null set to 0 |
| amt | JMK\_AmtDetail | amtsourcedr | GL\_JournalLine | If amtacctcr is not null set to 0 |
| c\_bpartner\_id | JMK\_SuratPenjaminan | c\_bpartner\_id | GL\_JournalLine |  |
| c\_currency\_id | GL\_Journal | c\_currency\_id | GL\_JournalLine |  |
| c\_uom\_id | m\_product.GL\_Journal | c\_uom\_id | GL\_JournalLine |  |
|  |  | c\_validcombination\_id | GL\_JournalLine | auto |
|  |  | created | GL\_JournalLine | sysdate |
|  |  | createdby | GL\_JournalLine | login default |
|  |  | currencyrate | GL\_JournalLine | 1 |
| ProcessDate | <parameter> | dateacct | GL\_JournalLine | 2025-01-09 00:00:00.000 |
|  |  | description | GL\_JournalLine | default= " Amortisasi @get month and year from DateDoc.JMK\_AmtDetail@ @DocumentNo.JMK\_SuratPenjaminan@", ex: Amortisasi March 2025 SP-110001 |
| gl\_journal\_id | GL\_Journal | gl\_journal\_id | GL\_JournalLine |  |
|  |  | gl\_journalline\_id | GL\_JournalLine | auto |
|  |  | gl\_journalline\_uu | GL\_JournalLine | auto |
|  |  | isactive | GL\_JournalLine | Y |
| isgenerated |  | isgenerated | GL\_JournalLine | N |
|  |  | line | GL\_JournalLine | auto increment 10 |
| m\_product\_id | JMK\_SuratPenjaminan | m\_product\_id | GL\_JournalLine |  |
|  |  | updated | GL\_JournalLine | sysdate |
|  |  | updatedby | GL\_JournalLine | login default |
| JMK\_AmtDetail\_ID | JMK\_AmtDetail | JMK\_AmtDetail\_ID | GL\_JournalLine | New column |
| JMK\_AmtInvoice\_ID | JMK\_AmtDetail | JMK\_AmtInvoice\_ID | GL\_JournalLine | New column |
| JMK\_SuratPenjaminan\_ID | JMK\_AmtDetail | JMK\_SuratPenjaminan\_ID | GL\_JournalLine | New column |

**Data Simulation (excel JML Process Revenue Amortization 1, sheet simulasi)**

