

# Enhancement

Target Release	
Epic	<a href="#">ERP-2056: Presales and POC OPUSB</a> <span>OPEN</span>
Road Map	
Document Owner	<a href="#">@Dinda Aprilia Pratiwi</a>
Designer	<a href="#">@Dinda Aprilia Pratiwi</a>
Developer	<a href="#">@Egi Agus Setiawan Nurdin</a>
QA	

	Enhancement/Refinement	Jira Ticket	Owner
1	Enhancement <ul style="list-style-type: none"><li>enhance doctype</li><li>update to surat penjaminan</li></ul>	<a href="#">ERP-2477: Jamkrida: Enhancement Invoice</a> <span>OPEN</span>	<a href="#">@Dinda Aprilia Pratiwi</a>
2	<ul style="list-style-type: none"><li>add amortisasi</li></ul> <p>Please pay attention to the red text in this design.</p>	<a href="#">Story #69: Jamkrida: Enhancement Invoice - ERP Presales &amp; POC - Redmine Product Development</a>	
3			
4			

## UI: [🔗](#)

## Document Type [🔗](#)

Menu : Document Type

Window : Document Type

Tab: Document Type

Document Type

Data requested

Client\*

Name\*

Description

Print Text\*

Document Note

GL Category\*

Document BaseType\*

Invoice Tax DocType

JAMKRIDA

AP Invoice

Invoice

AP Invoice

AP Invoice

Organization\*

☒ Active

☐ Default

☐ Mobile

☐ Sales Transaction

☐ IsForRMA

Invoice Subtype

Table : c\_doctype

Column	Name	Reference Type	Reference	Notes
Invoice_SubType	Invoice Sub Type	List	<ul style="list-style-type: none"> <li>SP/<del>SP</del> Penjaminan</li> <li>NP/<del>Non-SP</del>Non Penjamin</li> <li>NA/Non Amortize</li> </ul>	display logic = y where docbasetype=ARI and API

## Business Logic [🔗](#)

### Callout on Document Type [🔗](#)

No	Trigger	Callout

### Validation on Document Type [🔗](#)

No.	Trigger	Validation

### Process [🔗](#)

Trigger	Process

## Invoice AR (Customer) [🔗](#)

Menu : Invoice AR (Customer)

Window : Invoice AR (Customer)

Tab: Invoice AR (Customer)

Invoice

1 Line - 48,000,000.00 - Total: 48,000,000.00 IDR = 48,000,000.00

Description

Business Partner\* BANK RAKYAT INDONESIA Partner Location\* Jakarta

Currency\* IDR

Payment Rule\* On Credit Payment Term\* Immediate

Contract

SP No. XXXXXXXXXXXX Amount 0.00

Contract Date End Date

Tenor (Bulan) 0.00 Proportional 0

Status

Total Lines\* 48,000,000 Grand Total\* 48,000,000

c\_invoice

Column	Name	Reference Type	Reference	Notes
JMK_SuratPenjaminan_ID	SP No.	Table direct		
EndDate	End Date			=StartDate+JangkaBulan
JangkaBulan	Tenor (bulan)			= <del>StartDate</del> - <del>EndDate</del> (EndDate - StartDate)+1
Total_SYD	Total SYD			=(JangkaBulan+{JangkaBulan+1})/2 - (JangkaBulanx[JangkaBulan+1])/2

## Business Logic [🔗](#)

### Callout on Invoice AR (Customer) [🔗](#)

	Trigger	Callout
1	Save	<ul style="list-style-type: none"> <li>JMK_Amount get from TotalLines</li> <li>EndDate=StartDate+JangkaBulan</li> <li>JangkaBulan=<del>StartDate</del> - <del>EndDate</del>(EndDate - StartDate)+1</li> <li>Total_SYD= (JangkaBulanx[JangkaBulan+1])/2</li> </ul>

### Validation on Invoice AR (Customer) [🔗](#)

No.	Trigger	Validation

## Process [🔗](#)

Trigger	Process

Menu : Invoice AR (Customer)

Window : Invoice AR (Customer)

Tab: Amortisasi [🔗](#)

JMK\_InvAmt

Read Only=Y, Insert Record=N

Column	Name	Reference Type	Reference	Notes
ad_client_id	Client	Table direct		
ad_org_id	Organization	Table direct		
JMK _SuratPenjaminan _ID	No. Surat Penjaminan	search ID		
c_invoice_id	Invoice No.	search ID		
JMK_InvAmt_ID				
JMK_InvAmt_UU				
Created				
CreatedAt		Date time		
Updated				
UpdatedAt		Date time		
Line	Line No.			
DateDoc	Period Amortisasi	date		
SisaBulan	Sisa Bulan	Number		
Amt	Nilai Amortisasi	amount  format pattern #,###		

SaldoAmt	Saldo Amortisasi	amount format pattern #,###		
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## Business Logic [↗](#)


### Callout on Amortisasi [↗](#)

No	Trigger	Callout
1	DocAction=CO after complete	IF c_doctype.Invoice_SubType!=SP IN (SP,NP)  run call out Process Amortisasi Invoice

### Validation on Amortisasi [↗](#)

	Triger	Validation
1		

### Process on Amortisasi [↗](#)

Trigger	Process
 <ul style="list-style-type: none"> <li>DocAction=CO after complete</li> </ul>	Process Amortisasi Invoice

- Process Amortisasi Invoice

Column From	Table From	Column To	Table To	Notes
ad_client_id	c_invoice	ad_client_id	JMK_InvAmt	
ad_org_id	c_invoice	ad_org_id	JMK_InvAmt	
JMK_SuratPenjaminan_ID	c_invoice	JMK_SuratPenjaminan_ID	JMK_InvAmt	
c_invoice_id	c_invoice	c_invoice_id	JMK_InvAmt	
		JMK_InvAmt_ID	JMK_InvAmt	
		JMK_InvAmt_UU	JMK_InvAmt	
		Created	JMK_InvAmt	
		CreatedAt	JMK_InvAmt	
		Updated	JMK_InvAmt	

		UpdatedAt	JMK_InvAmt	
		Line	JMK_InvAmt	auto num increment 1 (1,2,3 etc)
		SisaBulan	SisaBulan	<ul style="list-style-type: none"><li>Line 1= C_Invoice.Jang kaBulan</li><li>Line n= JMK_InvAmt.Si saBulan<sub>line n-1</sub> - 1</li></ul>
		DateDoc	JMK_InvAmt	Start= c_invoice.StartDate  run process until DateDoc=c_invoice .EndDate
		Amt	JMK_InvAmt	=  (JMK_InvAmt.Sisa Bulan/c_invoice.Tot al_SYD) x c_invoice.JMK_Am t
		SaldoAmt	JMK_InvAmt	<ul style="list-style-type: none"><li>line 1= jmk_amt- amt line 1</li><li>line 2,n= SaldoAmt(prev row) - Amt</li></ul>

Invoice (Vendor) [🔗](#)

Menu : Invoice (Vendor)

Window : Invoice (Vendor)

Tab: Invoice (Vendor)

Invoice

Client\*

JAMKRIDA

Organization\*

HO

Target Document Type\*

AP Invoice

Document No

1000029

Description

Date Invoiced\*

02/27/2025

Account Date\*

02/27/2025

Business Partner\*

BANK JABAR BANTEN

Partner Location\*

Jl. 15. Bandung, Jawa Barat

Currency\*

IDR

Payment Rule\*

Check

➤ Status

Contract

Tenor (bulan)

SP No.

1 Line - 19,200,000.00 - Total: 19,200,000.00 IDR = 19,200,000.00

## c\_invoice

Column	Name	Reference Type	Reference	Notes
JMK_SuratPenjaminan_ID	SP No.	Table direct		default where JMK_SuratPenjaminan_ID.Status=AK sort by documentno DESC  display DocumentNo_c_bar rtner.name
JangkaBulan	Tenor (bulan)			= <del>StartDate-</del> <del>EndDate</del> (EndDate - StartDate)+1
Total_SYD	Total SYD			=(JangkaBulan+ <del>[JangkaBulan+1])/2-</del> (JangkaBulanx[Jan gkaBulan+1])/2

## Business Logic [🔗](#)

### Callout on Invoice (Vendor) [🔗](#)

	Trigger	Callout
1	Save	<ul style="list-style-type: none"> <li>JMK_Amount get from TotalLines</li> <li>EndDate=StartDate+JangkaBulan</li> <li>JangkaBulan=(EndDate - StartDate)+1</li> <li>Total_SYD=(JangkaBulan+ [JangkaBulan+1])/2</li> </ul>

### Validation on Invoice (Vendor) [🔗](#)

No.	Trigger	Validation

## Process [🔗](#)

Trigger	Process

Menu :Invoice (Vendor)

Window : Invoice (Vendor)

Tab: Amortisasi

Invoice (AR) CustomerAmortisasi

Client\*

SP No.

Invoice No.

Amortisasi Asuransi dan Provisi

Nilai Amortisasi

Sisa Bulan

Jamkrida

0000001

0000001

Organization\*

Line No.\*

Periode Amortisasi

Saldo Amortisasi

HO

1

2025/31/1

JMK\_InvAmt

Read Only=Y, Insert Record=N

Column	Name	Reference Type	Reference	Notes
ad_client_id	Client	Table direct		
ad_org_id	Organization	Table direct		
JMK_SuratPenjaminan_ID	No. Surat Penjaminan	search ID		
c_invoice_id	Invoice No.	search ID		
JMK_InvAmt_ID				
JMK_InvAmt_UU				
Created				
CreatedAt		Date time		
Updated				
UpdatedAt		Date time		
Line	Line No.			
SisaBulan	Sisa Bulan	Number		
DateDoc	Period Amortisasi	date		
Amt	Nilai Amortisasi	amount format pattern #,###		
SaldoAmt	Saldo Amortisasi	amount format pattern #,###		

Business Logic

Callout on Amortisasi




No	Trigger	Callout
1	DocAction=CO after complete	IF c_doctype.Invoice_SubType!= <del>SP</del> IN (SP,NP)  run call out Process Amortisasi Invoice AP

## Validation on Amortisasi [🔗](#)

	Triger	Validation
1		

## Process on Amortisasi [🔗](#)

Trigger	Process
 <ul style="list-style-type: none"> <li>DocAction=CO after complete</li> </ul>	Process Amortisasi Invoice AP

### • Process Amortisasi Invoice

Column From	Table From	Column To	Table To	Notes
ad_client_id	c_invoice	ad_client_id	JMK_InvAmt	
ad_org_id	c_invoice	ad_org_id	JMK_InvAmt	
JMK_SuratPenjaminan_ID	c_invoice	JMK_SuratPenjaminan_ID	JMK_InvAmt	
c_invoice_id	c_invoice	c_invoice_id	JMK_InvAmt	
		JMK_InvAmt_ID	JMK_InvAmt	
		JMK_InvAmt_UU	JMK_InvAmt	
		Created	JMK_InvAmt	
		CreatedAt	JMK_InvAmt	
		Updated	JMK_InvAmt	
		UpdatedAt	JMK_InvAmt	
		Line	JMK_InvAmt	auto num increment 1 (1,2,3 etc)
		SisaBulan	SisaBulan	<ul style="list-style-type: none"> <li>Line 1= C_Invoice.JangkaBulan</li> </ul>

				<ul style="list-style-type: none"><li>Line n= JMK_InvAmt.SisaBulan<sub>line n-1</sub> - 1</li></ul>
		DateDoc	JMK_InvAmt	Start= c_invoice.StartDate  run process until DateDoc=c_invoice .EndDate
		Amt	JMK_InvAmt	= (JMK_InvAmt.SisaBulan/c_invoice.Total_SYD) x c_invoice.JMK_Amt
		SaldoAmt	JMK_InvAmt	<ul style="list-style-type: none"><li>line 1= jmk_amt- amt line 1</li><li>line 2,n= SaldoAmt(prev row) - Amt</li></ul>