

Enhancement

Target Release	
Epic	ERP-2056: Presales and POC OPUSB OPEN
Road Map	
Document Owner	@Dinda Aprilia Pratiwi
Designer	@Dinda Aprilia Pratiwi
Developer	@Egi Agus Setiawan Nurdin
QA	

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

UI: [🔗](#)

Document Type [🔗](#)

Menu : Document Type

Window : Document Type

Tab: Document Type

Document Type

Data requested

Client*

JAMKRIDA

Organization*

*

Name*

AP Invoice

Description

Print Text*

Invoice

Document Note

GL Category*

AP Invoice

Document BaseType*

AP Invoice

Invoice Tax DocType

☒ 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"> SP/SP Penjaminan NP/Non-SPNon Penjamin NA/Non Amortize 	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)	Number format pattern #,###		= StartDate EndDate (EndDate - StartDate)+1
Total_SYD	Total SYD	Amount		=(JangkaBulan+ JangkaBulan+1)/2- (JangkaBulanx[Jan gkaBulan+1])/2

Business Logic [🔗](#)

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

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

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 format pattern #,###		
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!=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"> DocAction=CO after complete 	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"> Line 1= C_Invoice.JangkaBulan Line n= JMK_InvAmt.SisaBulan_{line n-1} - 1
		DateDoc	JMK_InvAmt	Start= c_invoice.EOMONTH(StartDate) run process until DateDoc=c_invoice.EOMONTH(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"> line 1= jmk_amt- amt line 1 line 2,n= SaldoAmt(prev row) - Amt

Invoice (Vendor) [🔗](#)

Menu : Invoice (Vendor)

Window : Invoice (Vendor)

Tab: Invoice (Vendor)

Invoice

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

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

SP No.

Tenor (bulan)

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_partner.name
JangkaBulan	Tenor (bulan)	Number format pattern #,###		= StartDate- EndDate (EndDate - StartDate)+1
Total_SYD	Total SYD	Amount		=(JangkaBulan+ JangkaBulan+1)/2- (JangkaBulanxJan gkaBulan+1))/2

Business Logic

Callout on Invoice (Vendor)

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

Validation on Invoice (Vendor)

No.	Trigger	Validation

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Process [↗](#)

Trigger	Process

Menu :Invoice (Vendor)

Window : Invoice (Vendor)

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.			
SisaBulan	Sisa Bulan	Number format pattern #,###		

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=SP 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"> DocAction=CO after complete 	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"> Line 1= C_Invoice.Jang kaBulan Line n= JMK_InvAmt.Si saBulan_{line n-1} - 1
		DateDoc	JMK_InvAmt	Start= c_invoice.EOMON TH(StartDate) run process until DateDoc=c_invoice .EOMONTH(EndD ate)
		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"> line 1= jmk_amt- amt line 1 line 2,n= SaldoAmt(prev row) - Amt