Invoice Error Message Categorization Using Generative AI - (NP-38941)

Target GA: November, 2024

Feature Overview



Agenda

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Feature details

Introducing: Invoice Error Message Categorization Using Generative AI (NP-38941)

Feature Description

- Invoice rejections from external invoice processing system comprises of multiple rejection reasons in a semi structured format. These rejections comprise of user entered as well as system generated rejection reasons.
- Invoice error classification is about segregation and classification of these external rejections into different rejection categories and extract precise information specific to each rejection by the Large Language Model. Wherever applicable these rejection categories represent the exception type coming from the external invoice processing system.
- The classified rejection gives Suppliers precise information on Rejection level(Generic, Header, Line), Rejection details(line number, Part number, Description), Rejection category and Invoice field associated with the rejection.
- The rejection categories generated in Business Network are the foundation units for all the future use cases related to rejection analytics, rejection resolution recommendations and eventual error detection at the time of invoice creation.

Key Benefits

Instead of reading and making sense of voluminous rejection reasons, suppliers now have access to precise rejection categories that are easily comprehensible and actionable, thus reducing time taken for remedial actions

Audience:

Supplier

Enablement Model: Customer Configured

Applicable Solutions: SAP Business Network

User Story

- As a supplier, you can now use GenAI capability inside the invoice document to transform detailed rejection reasons into concise, intuitive rejection categories for further analysis
- Basic process steps are:
 - Activate Gen AI preference for invoice (one time)
 - Navigate to 'Rejected Invoice' tile and select an invoice
 - Activate 'Simplify errors with Al'
 - View rejection categories generated from the detailed rejection text
- This feature automatically converts verbose rejection text into concise, easy-to-understand and actionable rejection categories
- As a result, you can now see all the reasons the invoice got rejected for and take rapid action

Enablement Steps & Notes

• Supplier has to activate the Gen AI preference for invoice

	द्म म @ FL	Account Settings				
More ~	fnSmith InJohn test-S_IIC_10 My Account Link User IDs Contact Administrator	Customer Relationships Users Notification Enable AI Choose and enable AI that you can later assign to the product. You				tration API management Generative AI
SOLOUSD Early payment offers More Next 90 de Account Settings Customer Relationships Users Notifications Application Subscriptions Account Registration Generative Al Network Settings Electronic Order Routing	PS - IIC Supplier 10 - TEST ANID: AN02003319339-T Premium Package Company Profile Settings > Logout	Name Discovery Discovery Network Catalog Invoice Apply	Status 1 Disabled Disabled Disabled	Field Keywords generations Respond to Lead Generate product summary and description in network catalog Generate classified Invoice Rejection details.	Field Keywords generation Respond to Lead Generate product su Generate classified	PS - IIC Supplier 10 - TEST is enabled to Generative AI

Prerequisites, Restrictions, Cautions

Prerequisites

• None

Restrictions

None

Cautions

None

Feature Details

- How the solution works:
 - Gen AI preference for invoice is activated (one time)
 - Navigate to 'Rejected Invoice' tile and select an invoice
 - Activate 'Simplify errors with Al'
 - View rejection categories generated from the detailed rejection text
- Solution limitations:
 - None
- The following slides explain system navigation for the scenario

Feature Navigation – Step 1

Navigate to Rejected invoice tile

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Invoices (10)										
✓ Edit filter [ast 365 days									
Customers		Invoice number		Reference		Invoice date	Ir	nvoice type		
Select or type select	ions 🗗	Type selection		Type input		Last 365 days	~	All	~	
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nvoice Number	Customer	Reference	Invoiced Date \downarrow	Amount	Routing Status	Invoice St	atus From add	fress	To address	Actio
n-invoice-Owrwerksdhf f3423123	Automation Test Inc jxeilj b	po-order-0201-02320 0301	Feb 1, 2024	₹55,200.00 INR	Acknowledged	Rejected		ope India Private L oa, Goa, IND	Infosys Limited, Chennai, I N-TN, IND	
n2k223hj4hj23h4hj234 23	Automation Test Inc jxeilj b	po-order-j23h4gjh23 g4234f4301	Feb 1, 2024	₹55,200.00 INR	Acknowledged	Rejected		ope India Private L oa, Goa, IND	Infosys Limited, Chennai, I N-TN, IND	
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Feature Navigation – Step 2

View original rejection reason in selected invoice and activate GenAI feature in invoice



Feature Navigation – Step 3

GenAI generates concise header and line level rejection categories

Business Network - Enterprise Account	Business Network - Enterprise Account
Invoice: In2k223hj4hj23h4hj234123	Invoice: In2k223hj4hj23h4hj234123
Edit Copy This Invoice Print Download PDF Export cXML	Edit Copy This Invoice Print Download PDF Export cXML
Detail Scheduled Payments History	Detail Scheduled Payments History
Simplified rejection reasons: Customer internal reference number: Generic level: Rejection category: Insufficient Funds Rejection reason detail: Invoice is Rejected. There are no enough funds left for the current invoice. Total Remaining: By4.906.00000 USD. Rejection category: Processed Invoices Rejection reason detail: Invoice is Rejected. There are invoices already processed against the PO line item. Line level: Line Number: 1 Line Number: 1 Line Source Field: Item Quantity Rejection reason detail: PO Quantity Status 31, 2022 to January 31, 2023 Line Description: Malware 1.4 IDAM1.5 August 31, 2022 to January 31, 2023 Rejection reason detail: PO Quantity Variance. The quantity on the invoice line item, 1, is different from the quantity on the purchase order line item, 0. Please revise your invoice and resubmit. Edit & Resubmit Simplify errors with Al	Simplified rejection reasons: Customer internal reference number: Generic level: Mejection category: Insufficient Funds Rejection category: Insufficient Funds Rejection reason detail: Invoice is Rejected. There are no enough funds left for the current invoice. Total Remaining: Belection category: Processed Invoices Rejection category: Processed Invoices Rejection category: Processed Invoice is Rejected. There are invoices already processed against the PO line item. Line level: Mere Number: 1 And Number: Not Available Line Description: Malware 1.4 IDAM1.5 August 31, 2022 to January 31, 2023 Invoice field: Item Quantity Rejection reason detail: PO Quantity Variance. The quantity on the invoice line item, 1, is different from the quantity on the purchase order line item, 0. Please revise your invoice and resubmit. Edit & Resubmit Minplify errors with Al
Standard Invoice	Standard Invoice
	Line level rejection
Gen AI creates header level rejection categorial	gories

Thank you.

Pushpendu Sarkar (p.sarkar@sap.com)



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