User Manual

Wallee POS Payment Terminal Plugin for Odoo v19.0

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1. Introduction

The POS Wallee Payment Acquirer Plugin from PIT Solutions offers a seamless and efficient solution for Odoo POS merchants in Europe and Switzerland. By automating the payment process, this plugin eliminates the need for manual payment entry, reducing checkout times and minimizing human errors.

Traditionally, Odoo POS merchants faced the challenge of manually entering payment amounts into their payment terminals. This time-consuming and error-prone process often led to longer checkout times and difficulties in reconciling orders.

The Wallee POS Payment Terminal Plugin addresses these issues by:

- **Automating Payment Processing**: Eliminating manual data entry and reducing the risk of human errors.

- **Streamlining the Checkout Process**: Providing a faster and more efficient payment experience for both merchants and customers.

- **Enhancing Accuracy**: Ensuring that payment amounts are accurately transferred from the Odoo POS to the Wallee payment terminal.

- **Increasing Efficiency**: Optimizing the checkout process and reducing operational costs.

- **Enhancing Customer Satisfaction**: Delivering a faster and more convenient payment experience.

- **Ensuring Compliance**: Benefiting from Wallee's adherence to industry security standards.

2. Features

- **Reduced Checkout Time**

  - o **Faster Payments**: Streamline the payment process, reducing wait times for customers.

  - o **Improved Customer Satisfaction**: Provide a more efficient and enjoyable shopping experience.

- **Easy Integration**

  - o **Seamless Integration**: Effortlessly integrate the plugin into your Odoo POS system.

  - o **Minimal Setup**: Get up and running quickly with minimal configuration.

- **Enhanced Security**

  - o **Secure Transactions**: Benefit from Wallee's robust security measures to protect customer data.

  - o **Compliance**: Adhere to industry standards for payment security.

- **Improved Accuracy**

  - o **Eliminate Errors**: Prevent manual data entry mistakes and ensure accurate payment processing.

  - o **Streamline Reconciliation**: Simplify the reconciliation process with accurate transaction data.

- **Additional Enhancements**

  - o Implemented Wallee Payment Python Library.

  - o Implemented refunds for all POS orders.

- **Supported Payment Connectors**

 - o American Express, Dankort, Diners Club, Mastercard, Visa.

3. Working

The POS Wallee Payment Acquirer Plugin establishes a connection between Odoo POS users and the Wallee payment gateway via a payment terminal. This integration uses REST APIs to enable seamless communication and data exchange between the plugin and the Wallee payment platform.

You can access the payment providers through the following menu option:

Invoicing > Configuration > Payment Providers

These paths will direct you to the configuration settings for managing payment providers.
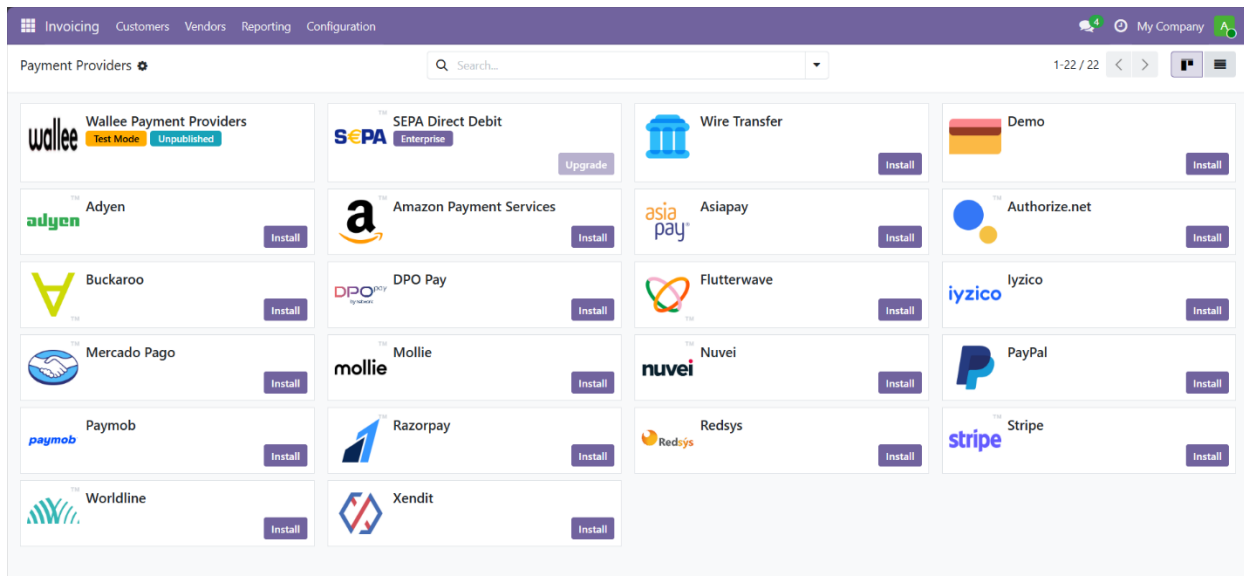
Figure 1: Payment Providers Listed in Odoo Backend

After selecting the Wallee Payment Provider from the list, navigate to the *Credentials* tab. In this section, you can enter the credentials for your Wallee Payment Provider space.
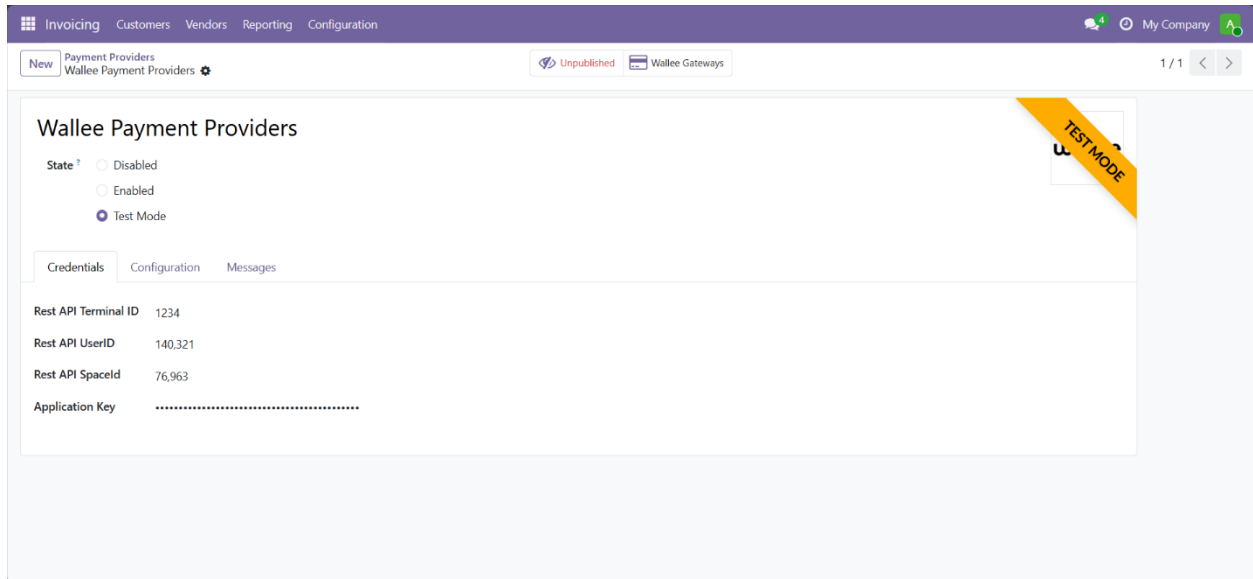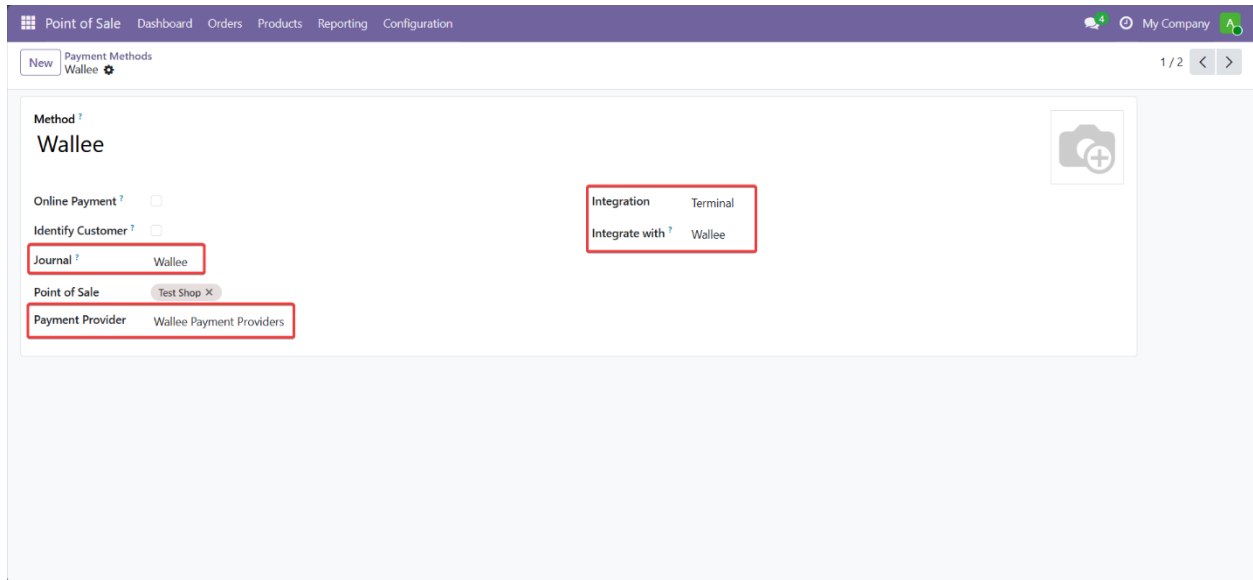
Figure 2: Odoo Backend Configuration of Wallee Credentials

To configure the Wallee Payment Provider in Odoo, you will need the following details from Wallee:

1. **REST API User ID:** The *Application User ID* created on app-wallee.com.

2. **REST API Space ID:** The *Space ID* obtained from app-wallee.com.

3. **Application Key:** The *Application Key* generated on app-wallee.com.

4. **REST API Terminal ID:** The identifier of the terminal to be used for processing transactions.

After entering these details, you can set the status to 'Enabled' for live transactions or 'Test Mode' for testing purposes.

To create a POS payment method for Wallee, navigate to *Point of Sale > Configuration > Payment Methods*. From this screen, click on the '*New*' button to create a new payment method.

Figure 3: Create POS Payment Method for Wallee

Then create a new payment method, naming it "Wallee." Assign a suitable journal for tracking Wallee transactions. Under the "Payment Provider" field, select "Wallee Payment Providers." Finally, choose the "Terminal" option from Integration and select "Wallee" from Integrate with option.

After creating the POS payment method, go to the Point-of-Sale settings, navigate to the Payment section, and add Wallee to the Payment methods available field.

Also, enable the 'Automatically validate order' option if you prefer to automatically validate orders when they are paid using a payment terminal.
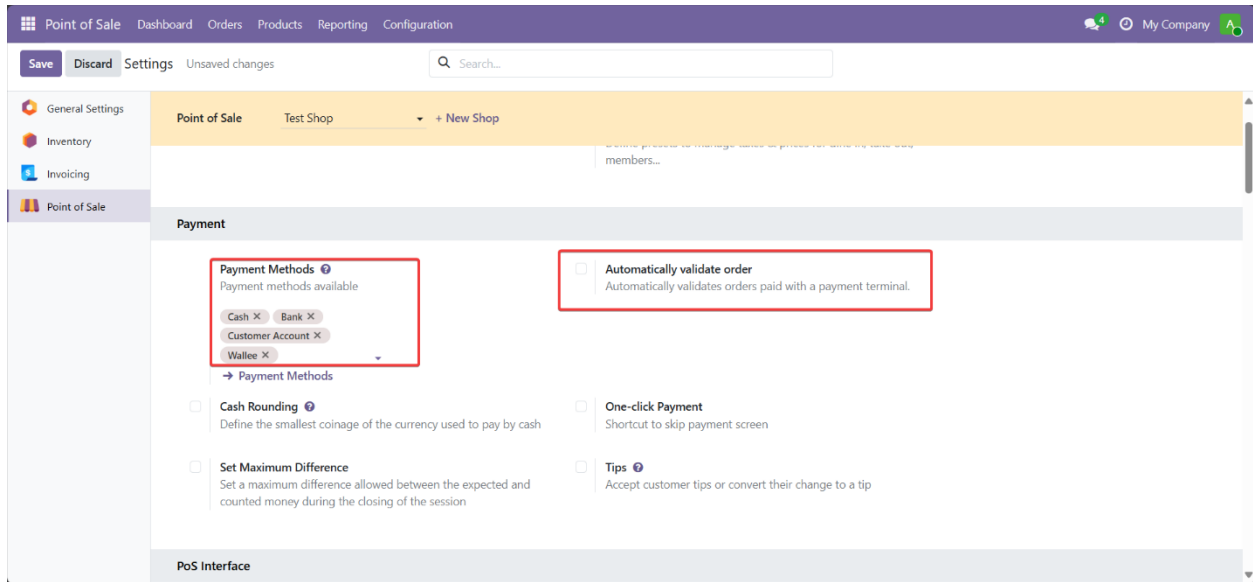
Figure 4: POS Payment Method Configuration for Wallee

After the POS payment method configuration, go to the POS interface and select the desired products for the customer, choose an existing customer or create a new one, and then proceed to the payment screen.
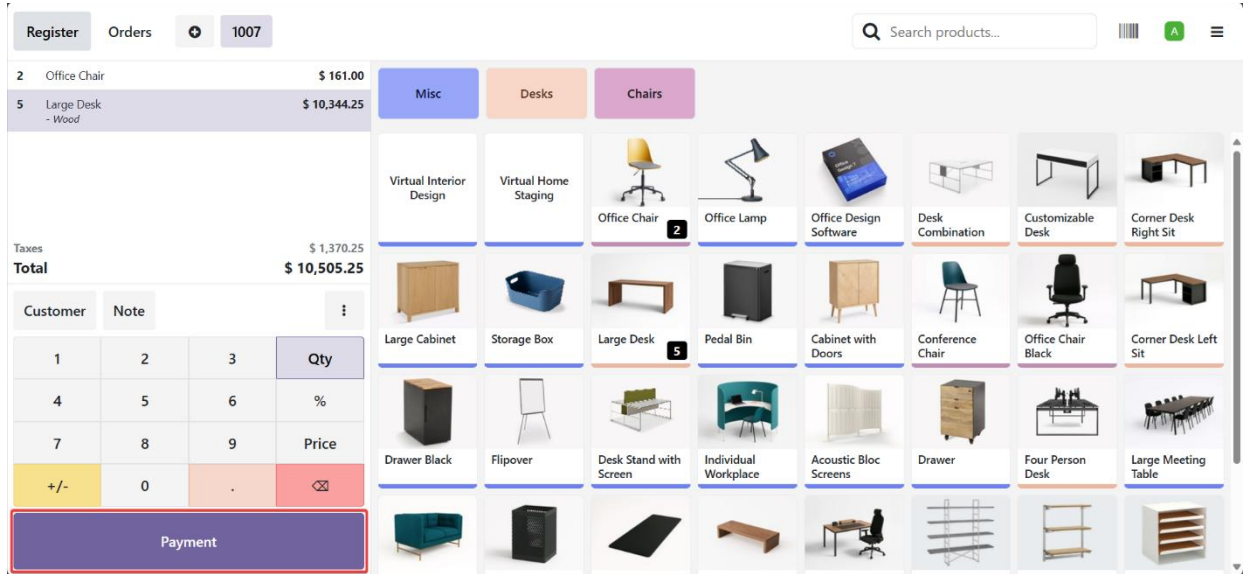
Figure 5: Odoo POS Product Screen

From this screen select the Wallee payment method.
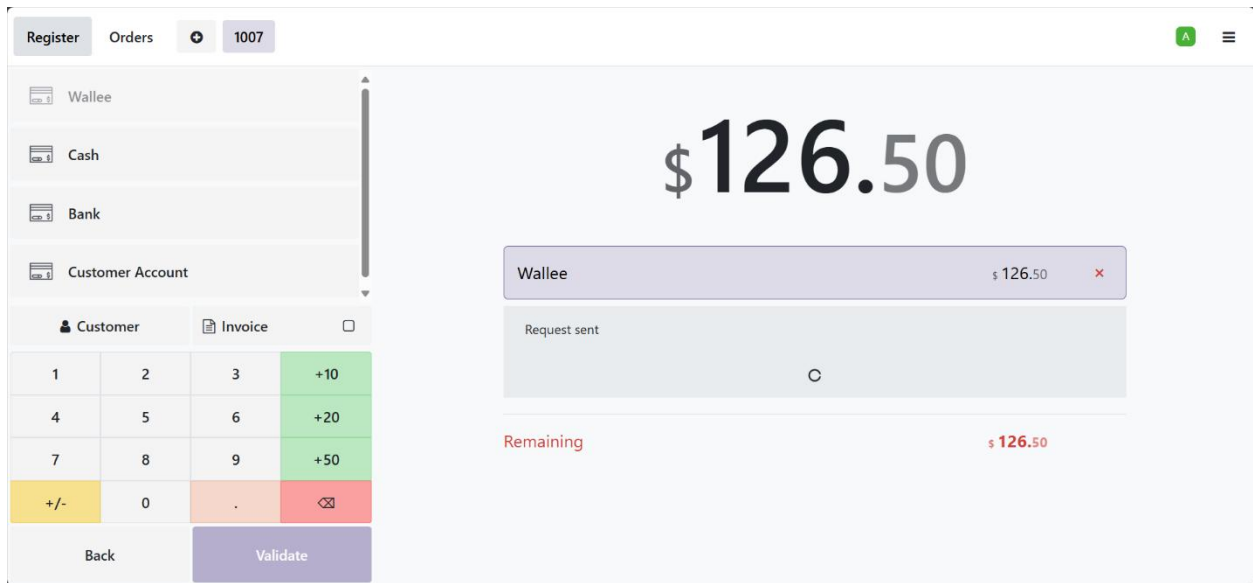
Figure 6: Odoo POS Payment Screen

After selecting the Wallee payment method, initiate the payment request and send it to the Wallee payment gateway for processing.

In the Wallee POS payment terminal, the payment amount will be displayed. Choose the card from the terminal and enter your PIN to complete the transaction.
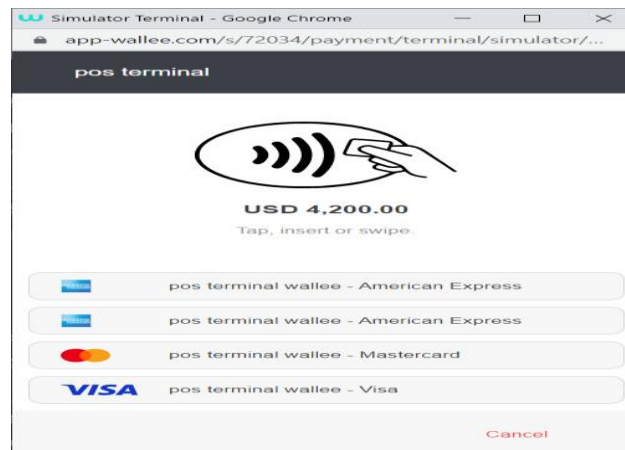
Figure 7: Wallee POS Payment Terminal

You can enter your PIN to complete the transaction after selecting the card.
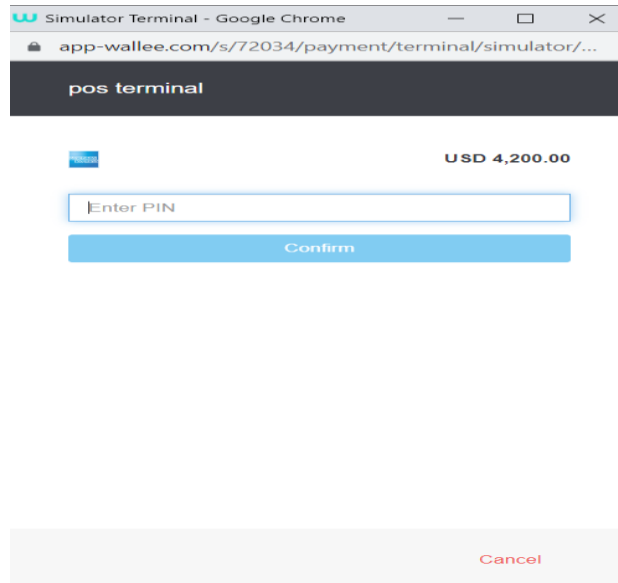
Figure 8: Wallee POS Payment Terminal PIN Entering Screen

If the transaction is successful, then you can see the payment success message in the POS terminal.
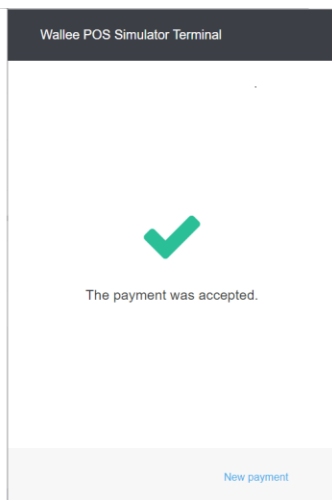
Figure 9: Wallee POS Payment Terminal Payment Success

Upon successful payment, you can see the "Payment Successful" status displayed on the Odoo POS payment screen. If you haven't enabled the 'Automatically validate order' setting, the 'Validate' button will become active, allowing you to manually validate the order.
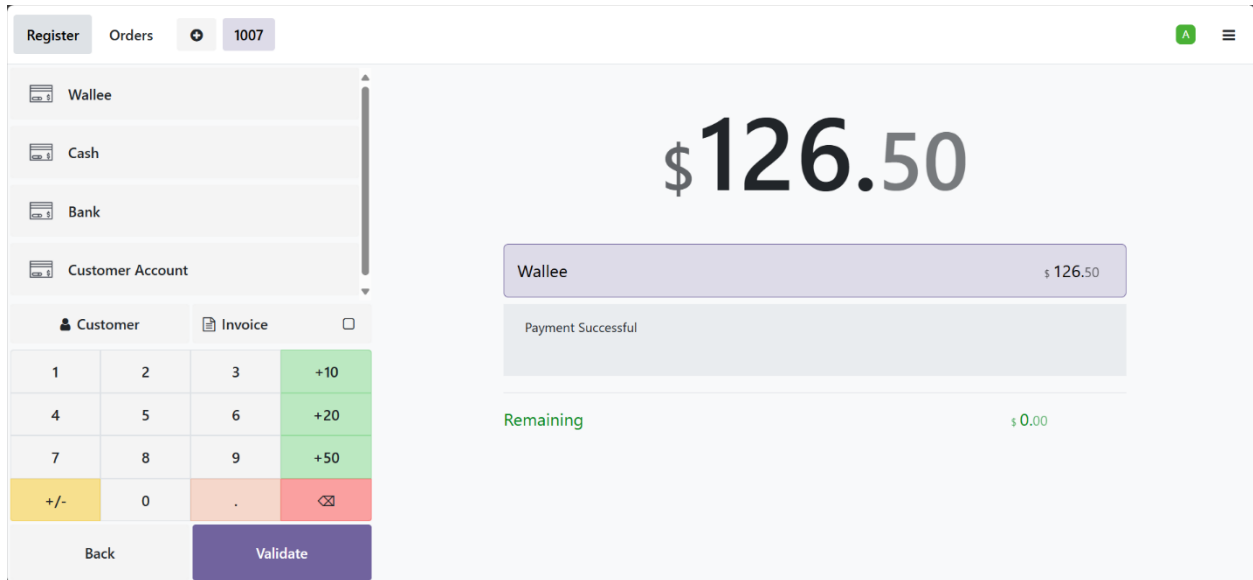
Figure 10: Odoo POS Payment Success Status

Once the order is validated, you can see this screen in Odoo. From here you can send and print the order receipt by clicking the paper plane icon button and the 'Print Receipt' button respectively.
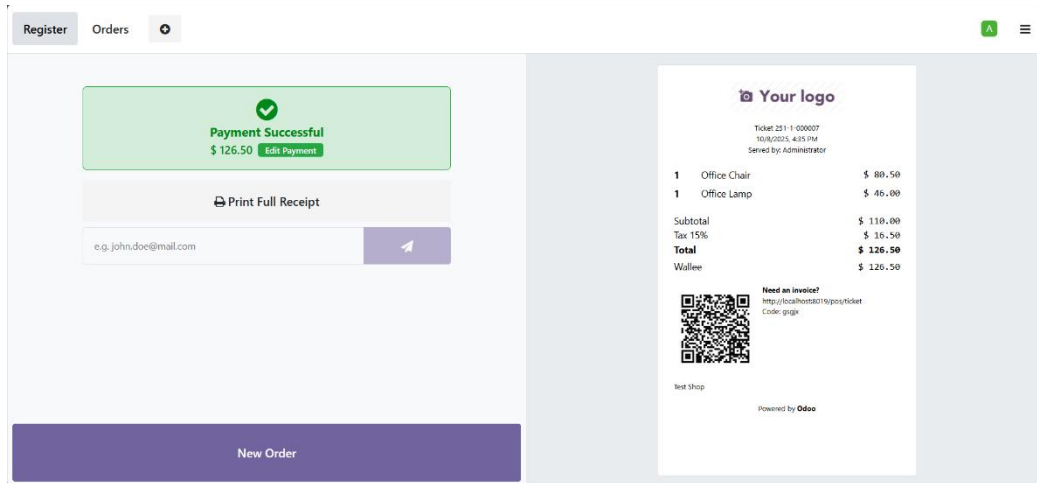
Figure 11: Odoo POS Order Validated Screen

If a customer is selected during the payment process, an email will be sent to the customer mentioning the confirmation of payment along with the amount paid.

Figure 12: Wallee Payment Successful Email to Customer

If the transaction is failed, then you can see the below error messages in Wallee and Odoo respectively.
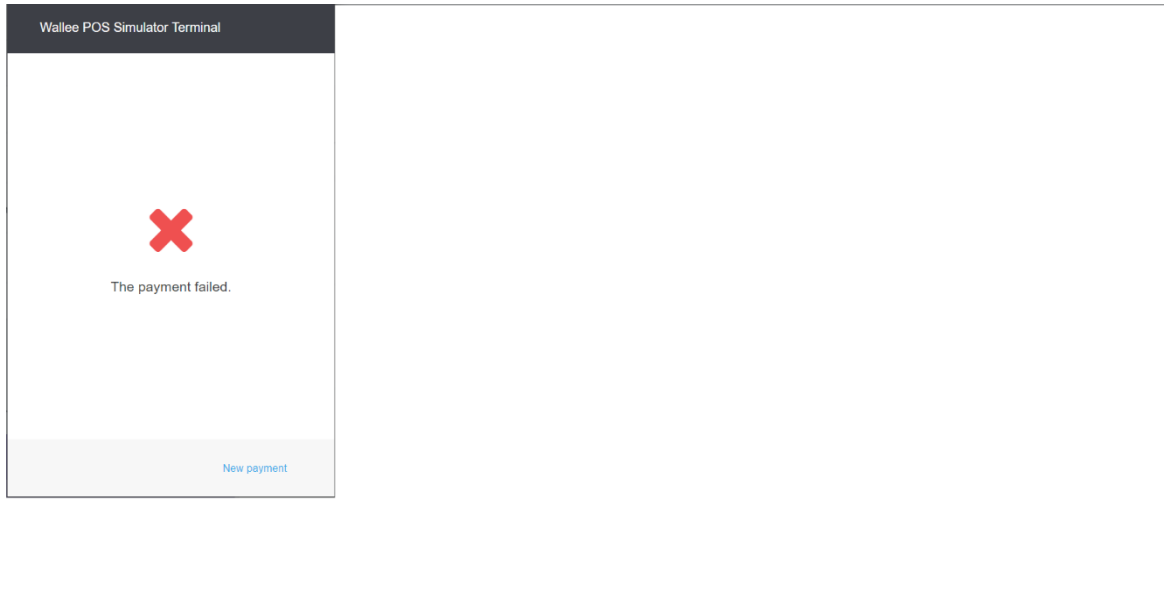
Figure 13: Wallee Payment Cancelled Screen

If the transaction fails in Odoo and is not cancelled from the Wallee terminal, you need to manually cancel it from the Wallee terminal.
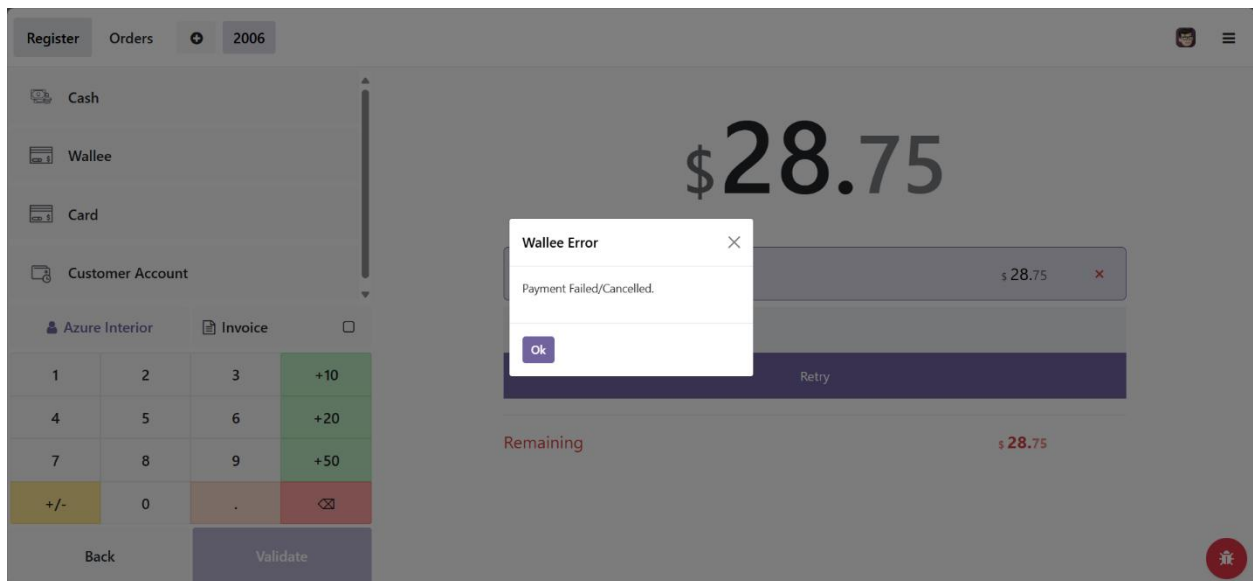
Figure 14: Odoo POS Payment Cancelled Screen

If the transaction is cancelled from the Wallee terminal during the payment process, an email will be sent to the customer mentioning the cancellation/failure of payment.
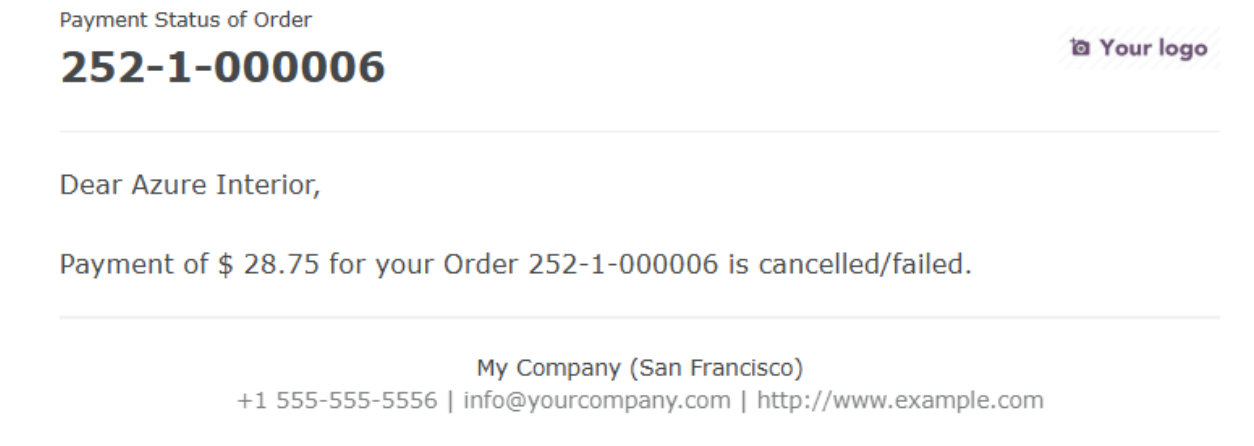
Figure 15: Wallee Payment Cancelled/Failed Email to Customer

After a successful payment, order/transaction details will be recorded in Odoo under the Orders menu and in Wallee under the Transactions menu.
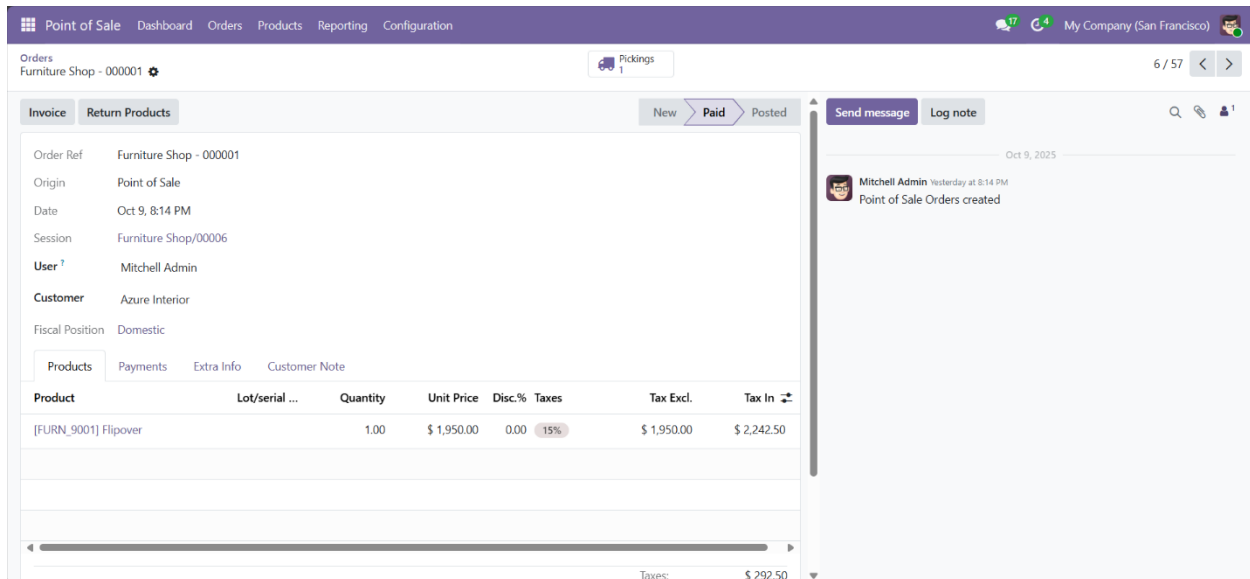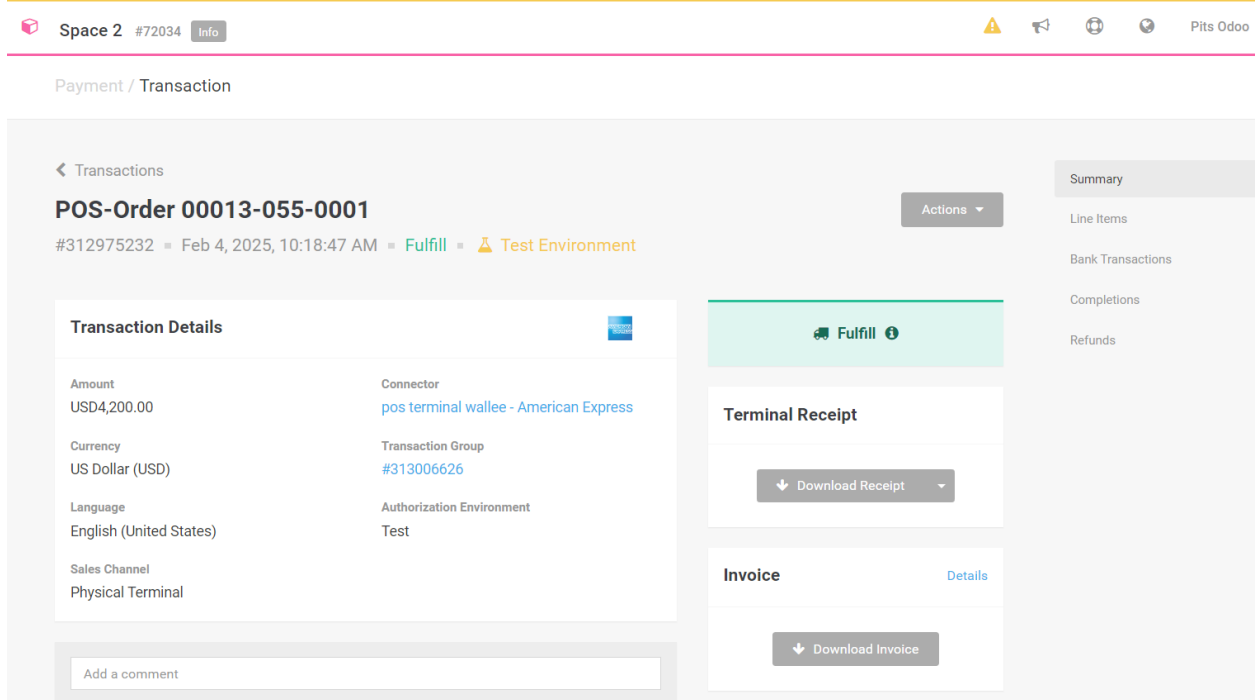

Figure 16: Odoo POS Order Screen

Figure 17: Payment Transaction in Wallee Back Office

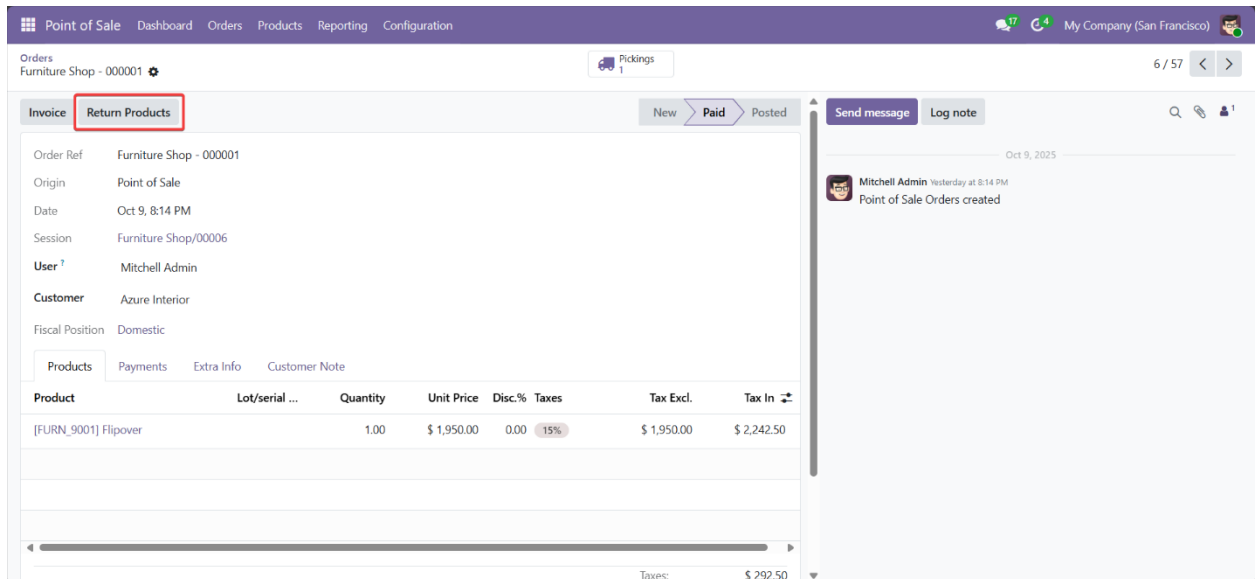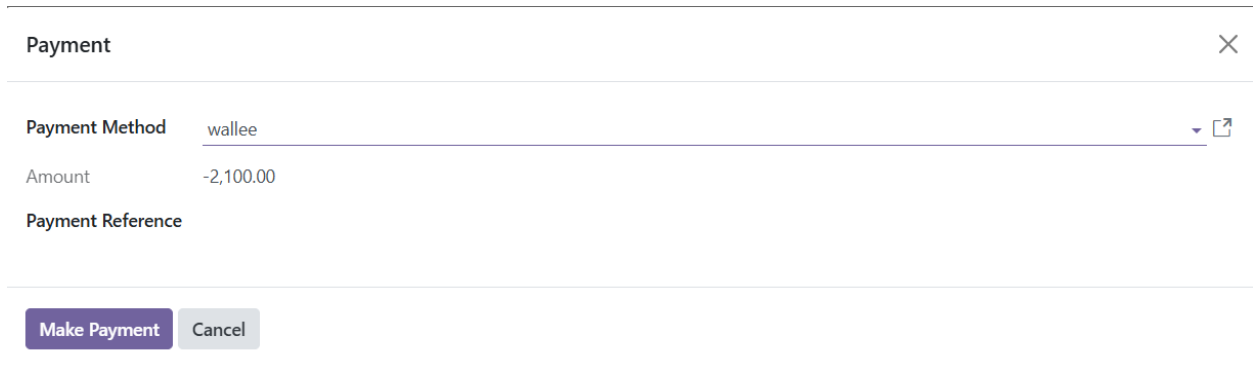For refund, click on the "Return Product Button" in the order
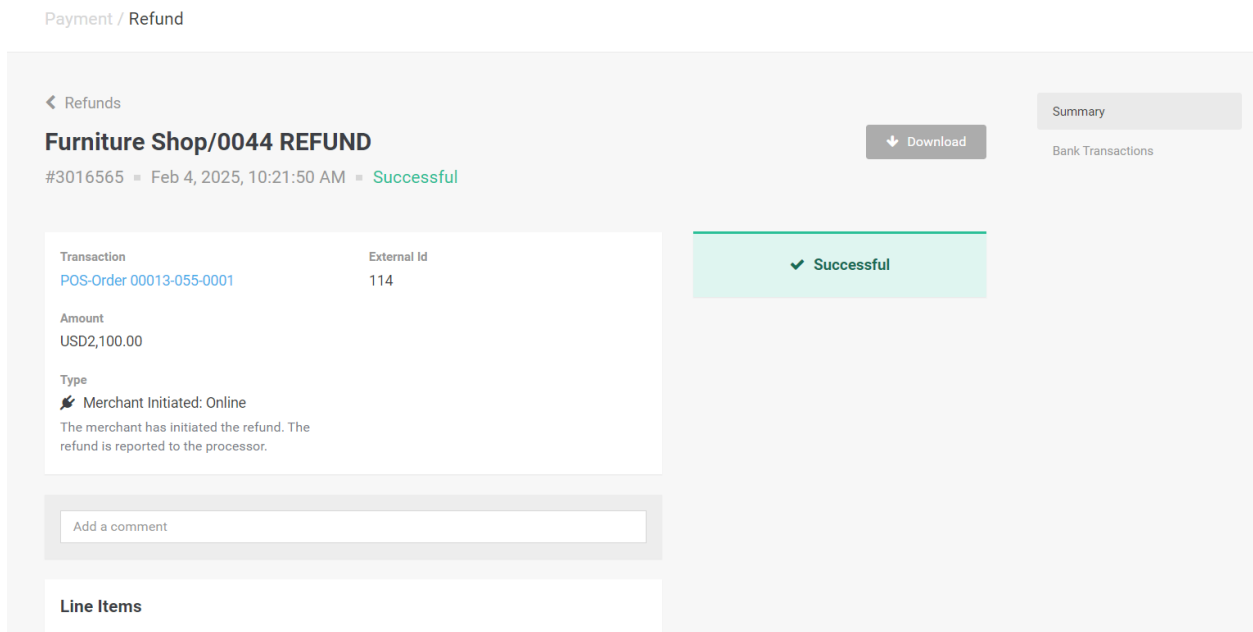

Figure 18: Refund option from the pos order

Then, a refund POS order will be created. We can set the quantity for the refund and click on the **Payment** button. A pop-up will appear, allowing us to change the payment method to **Wallee** and proceed with the payment.

Payment	✕
Payment Method	wallee ▾ ⬈
Amount	-2,100.00
Payment Reference	

Make Payment   Cancel

Figure 19: Payment Method Popup for Refund option from the pos order

Payment / **Refund**

‹ Refunds

Furniture Shop/0044 REFUND
#3016565 ▪ Feb 4, 2025, 10:21:50 AM ▪ Successful

⬇ Download

Summary

Bank Transactions

Transaction	External Id
POS-Order 00013-055-0001	114

✔ **Successful**

Amount
USD2,100.00

Type
⚡ Merchant Initiated: Online
The merchant has initiated the refund. The refund is reported to the processor.

Add a comment

Line Items

Figure 20: Refund in Wallee Back Office

If a customer is selected during the payment process, an email will be sent to the customer mentioning the refund of payment along with the refund amount.
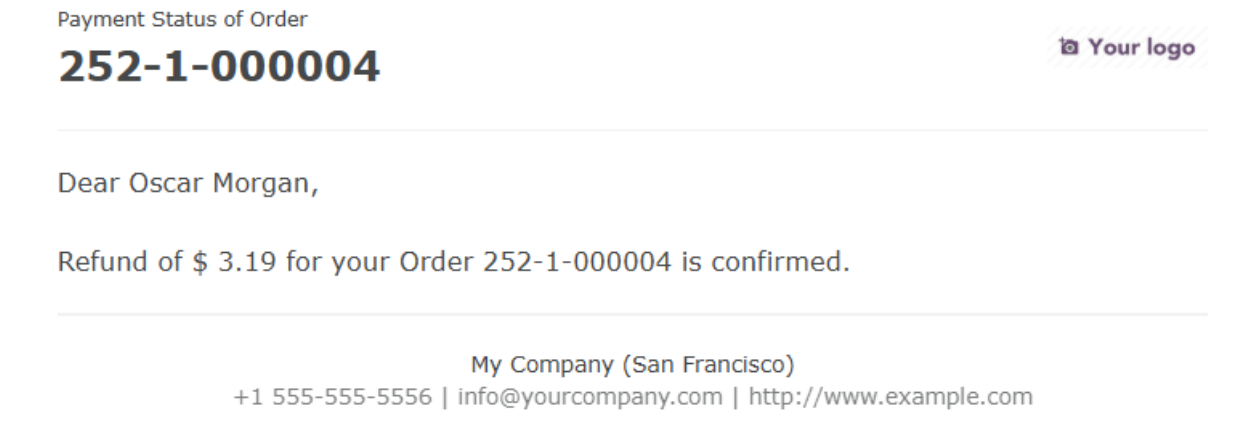

Payment Status of Order

252-1-000004

Your logo

Dear Oscar Morgan,

Refund of $ 3.19 for your Order 252-1-000004 is confirmed.

My Company (San Francisco)
+1 555-555-5556 | info@yourcompany.com | http://www.example.com
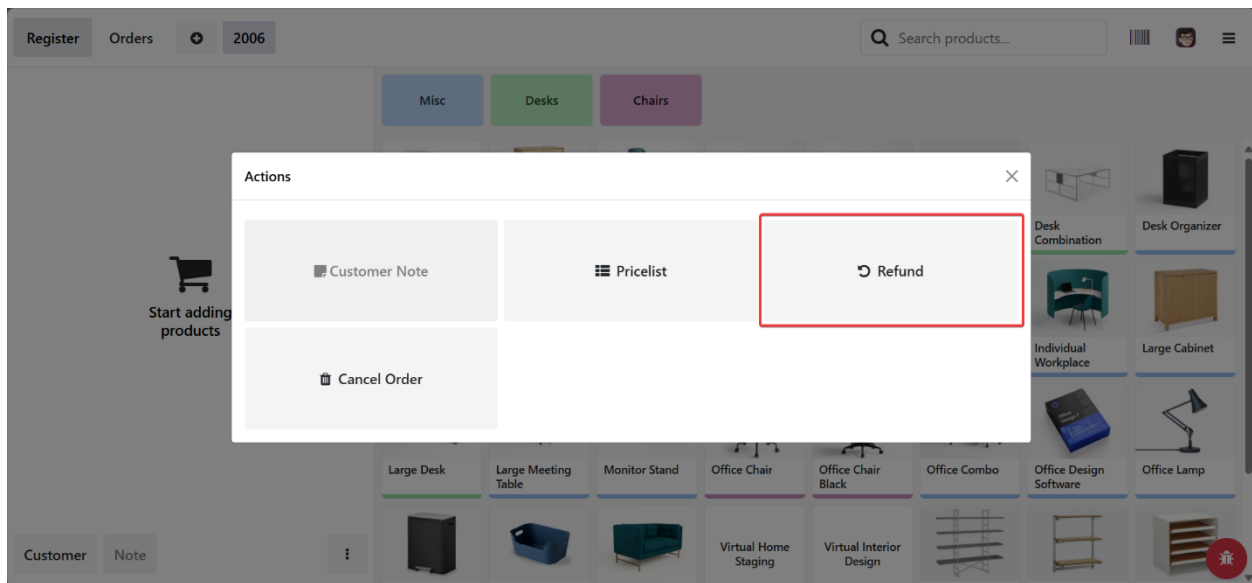
Figure 21: Wallee Payment Refund Email to Customer

Figure 22: Refund option through POS Store

The refund through POS store can be done clicking on **Actions** button followed by clicking **Refund** button.
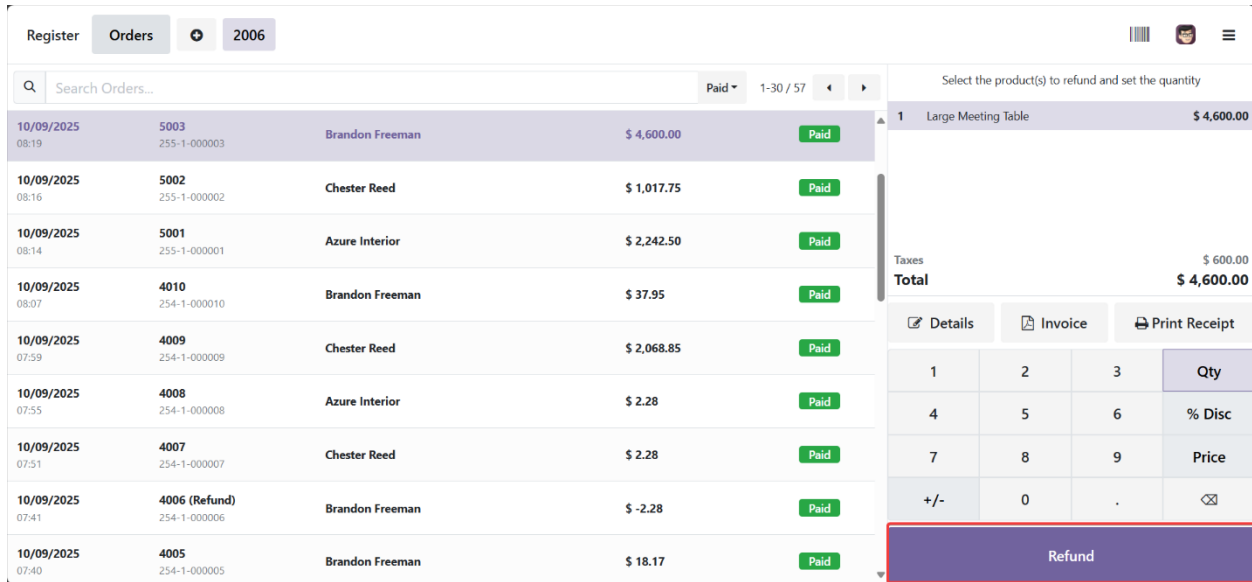
Figure 23: Refund option through POS Store

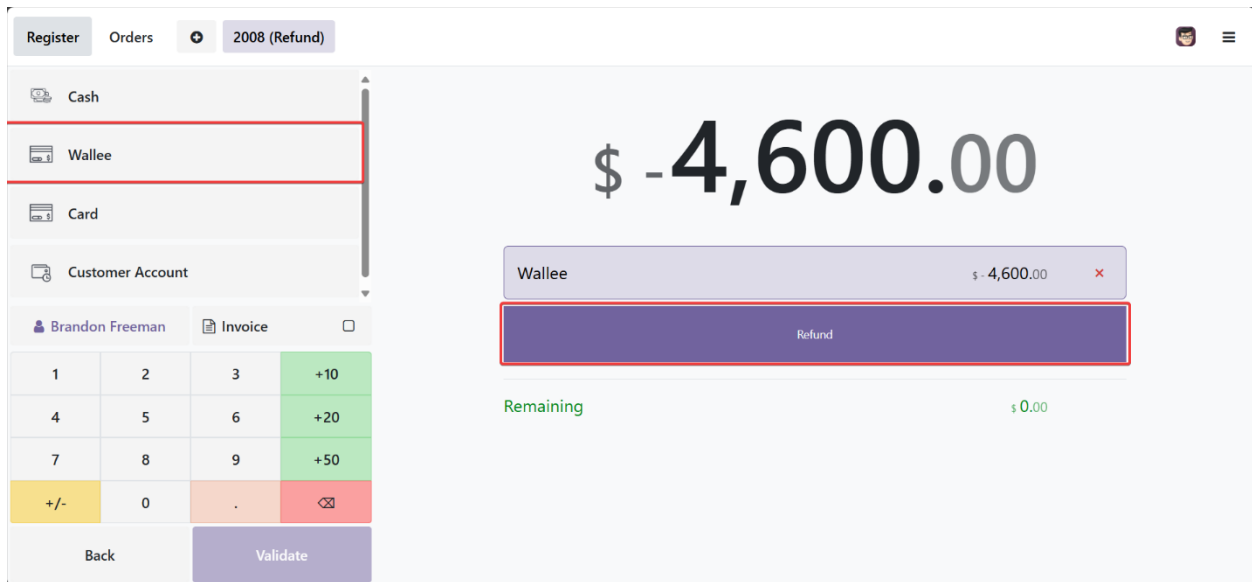Select the order that should be refunded and click on the **Refund** button.

Figure 24: POS Store Refund Payment

Select the **Wallee** payment and click on the **Refund** button and the transaction will be completed automatically.
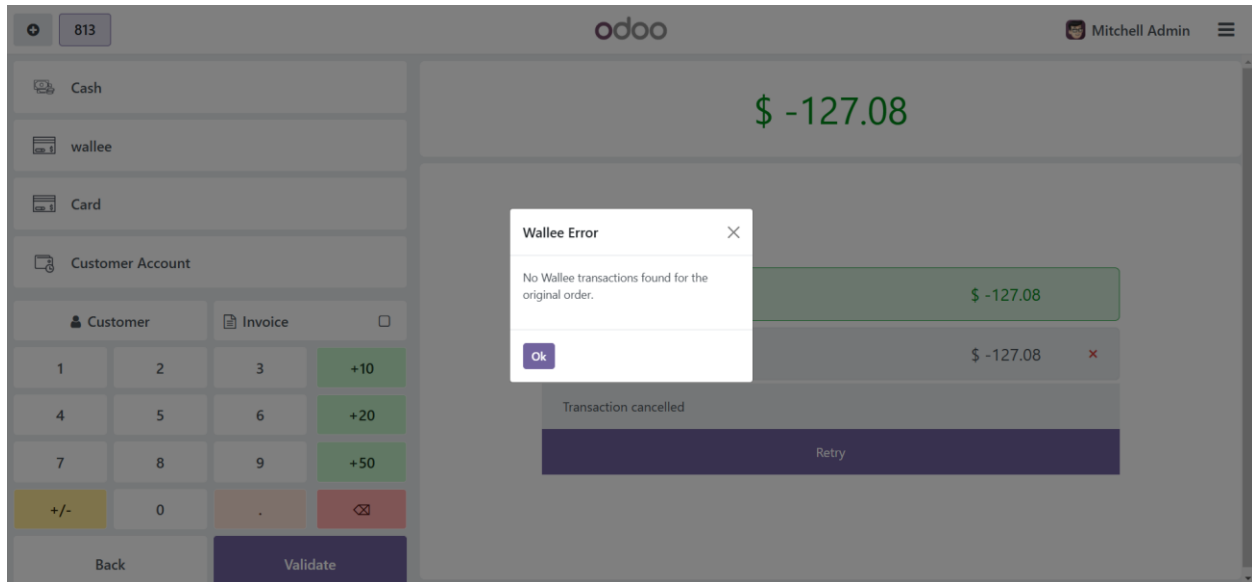
Figure 25: Validation for selecting non Wallee payment method

If Wallee refund transaction is tried on a non-Wallee order, a validation error will be displayed as "**No Wallee transactions found for the original order.**"
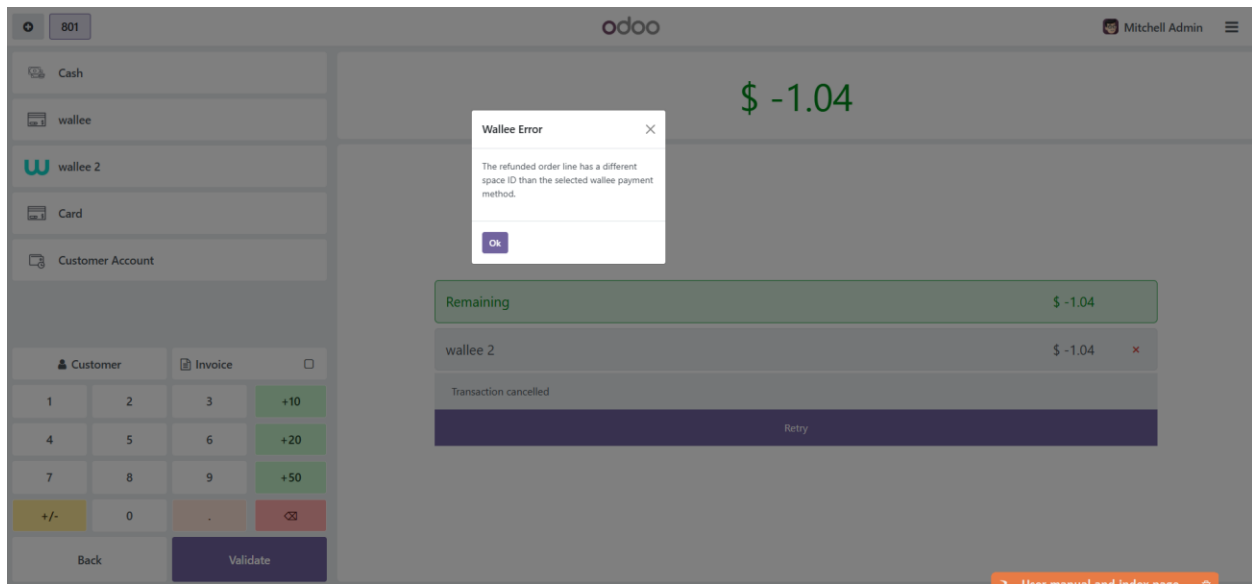

Figure 26: Validation for selecting Wallee payment method in another Space ID

If Wallee Payment was completed through payment method say "**wallee**" and for refund if selected payment method "**wallee 2**" in another space ID, a validation error will be displayed as "**The refunded order line has a different space ID than the selected wallee payment method.**"

4. Technical Requirements / Compatibility

- **Technical Requirements:** Requires Odoo Point of Sale, Payment, and Invoicing modules.

- **Compatible With:** Odoo 19.0 Community and Enterprise Editions.

5. Change Log / Release Notes

- Version 1.0.0: October 2025

    o Initial release.

6. Support

If you have questions, use our contact form at webshopextension.com or email at support@webshopextension.com.