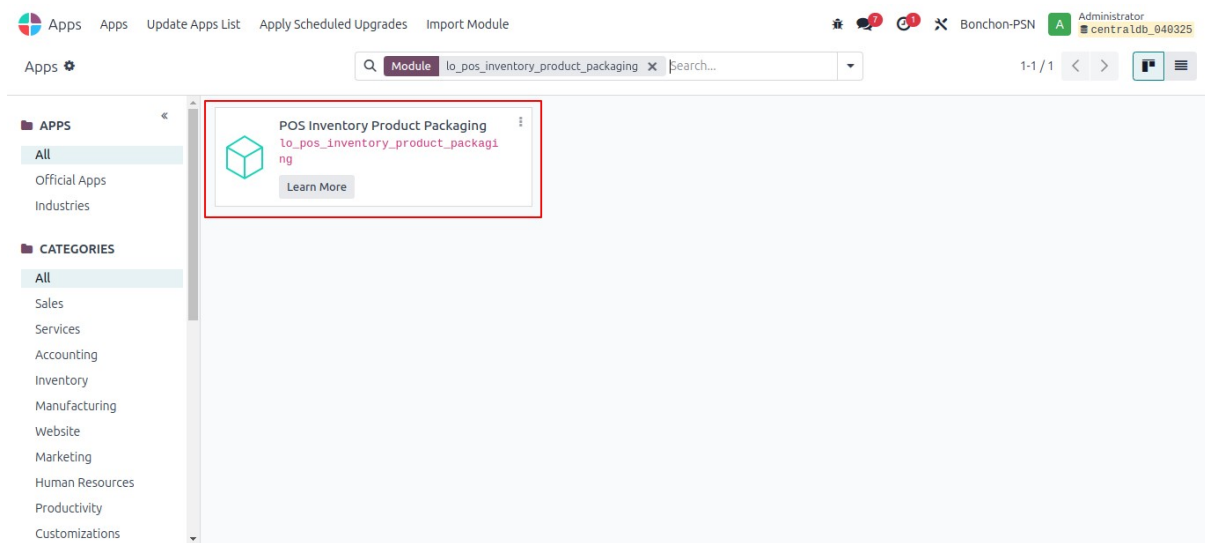


Product Packaging Functionality in Inventory, POS, Purchase.

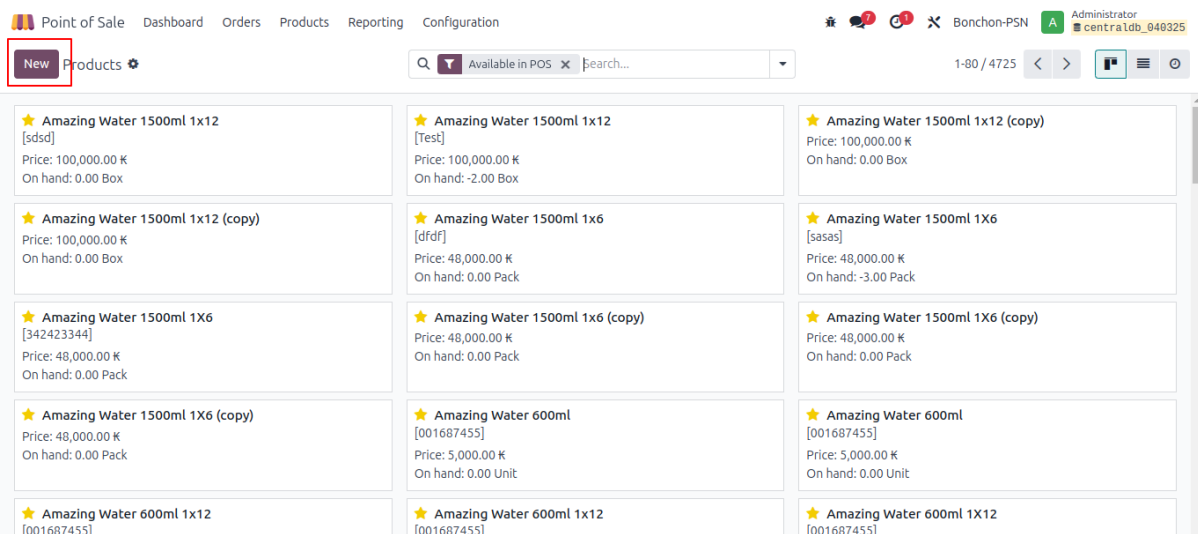
➤ This module extends the odoo Pos Markdown features.

1. First we have to install the module 'lo_pos_inventory_product_packaging'.

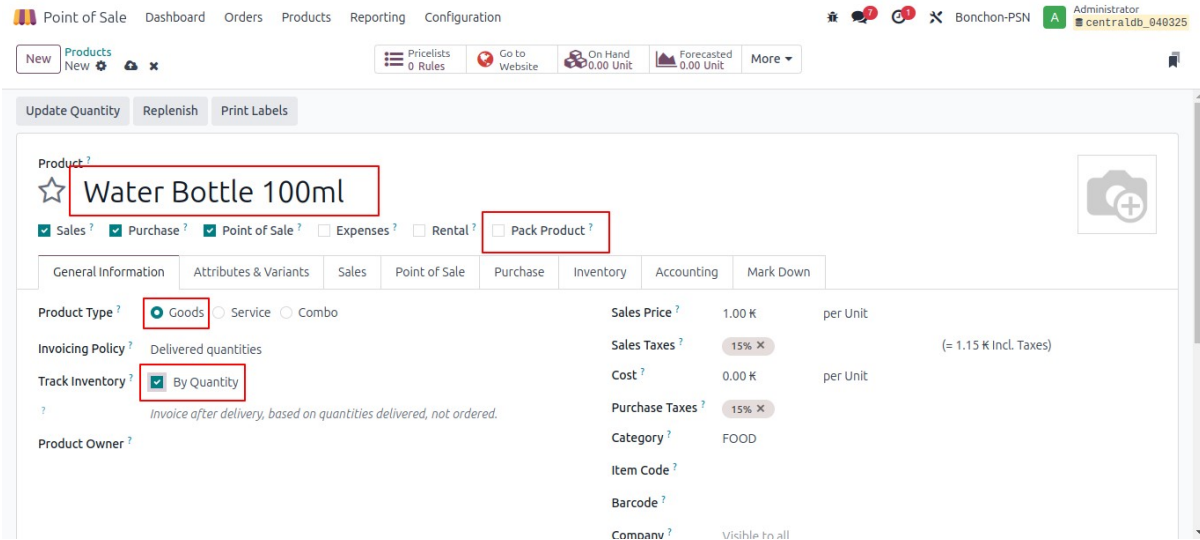


2. First We have to create a Small Product as per given instruction and as mention in the snapshot.

- Go to Product Section POS > Products and Click on 'New' for creating a new Small products.

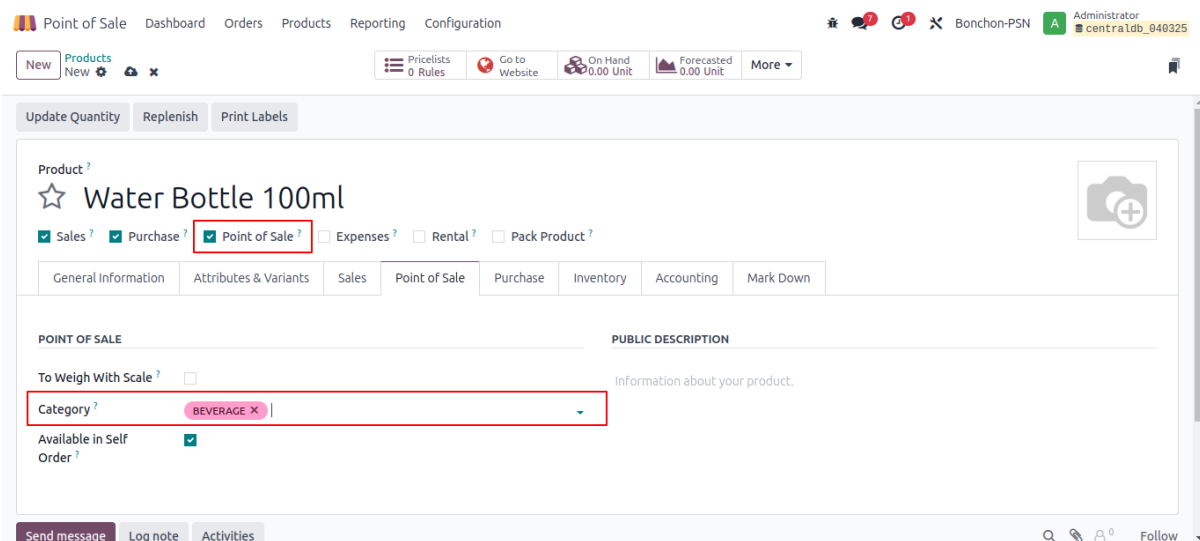


- **Enter Product Name**
Start by typing the name of your product.
- **Set Product Type**
 - Select **Product Type** as **Storable Product**.
 - Check the option **Track Inventory by Quantity**.
 - Enable the **Available in POS** option (you'll find it just below the product name field).



The screenshot shows the 'New Product' form in the CandidRoot POS system. The product name 'Water Bottle 100ml' is entered. The 'Product Type' is set to 'Goods'. The 'Track Inventory' option is checked and set to 'By Quantity'. The 'Pack Product' option is also checked. The 'Sales Price' is 1.00 ₹ per Unit, and the 'Sales Taxes' are 15% (resulting in 1.15 ₹ Incl. Taxes). The 'Cost' is 0.00 ₹ per Unit, and the 'Purchase Taxes' are 15%. The 'Category' is set to 'FOOD'. The 'Barcode' and 'Commanv' fields are empty.

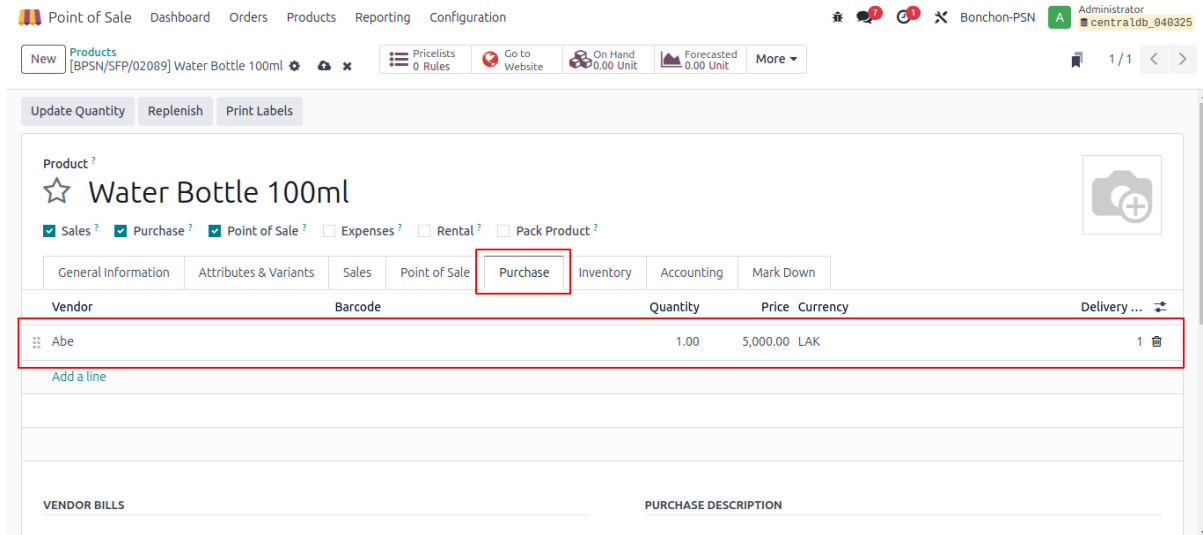
- **Assign a POS Category**
 - Navigate to the **Point of Sale** tab.
 - Choose the appropriate **Category** for your product.



The screenshot shows the 'Point of Sale' tab for the 'Water Bottle 100ml' product. The 'Category' is set to 'BEVERAGE X'. The 'Available in Self Order' option is checked. The 'To Weigh With Scale' option is unchecked. The 'PUBLIC DESCRIPTION' field is empty.

• Add Vendor Information

- Go to the **Purchase** tab.
- Click **Add Vendor** and enter the vendor's details.
- Set the **Purchase Price** (the price at which you buy the product from the vendor).
- Update the **Quantity** if needed.



The screenshot shows the CandidRoot software interface. At the top, there's a navigation bar with tabs like 'Point of Sale', 'Dashboard', 'Orders', 'Products', 'Reporting', and 'Configuration'. Below this, there's a 'New Products' section with a list of products, including 'Water Bottle 100ml'. The 'Purchase' tab is selected, and a table shows a single entry for 'Abe' with a quantity of 1.00 and a price of 5,000.00 LAK. The 'Purchase' tab is highlighted with a red box. Below the table, there are sections for 'VENDOR BILLS' and 'PURCHASE DESCRIPTION'.

• Set Up Packaging

- Open the **Inventory** tab.
- Scroll down to the **Packaging** section.
- Click **Add** and enter the following details:

- **Packaging Name**
- **Package Type**
- **Contained Quantity**
- **Package UOM (Unit of Measure)**
- **Barcode**

• Save the Product

- Once all the details are filled in, click **Save**.

Point of Sale Dashboard Orders Products Reporting Configuration

Bonchon-PSN A

New Product Variants [BPSN/SFP/02089] Water Bottle 100ml

Pricelists 0 Rules

Go to Website

Documents 0

On Hand 0.00 Unit

More

1 / 1

Product

☆ Water Bottle 100ml


☒ Sales ☒ Purchase ☒ Point of Sale ☐ Expenses ☐ Rental ☐ Pack Product
☐ Is Topping

General Information Sales Point of Sale Purchase **Inventory** Toppings Accounting Mark Down

OPERATIONS

Routes

☒ Buy
☐ Inter Company Transi
☐ Manufacture
☐ DC Tongpong: Cross-Dock
☐ Dropship
☐ My Company: Cross-Dock
☐ GPWH: Cross-Dock
[View Diagram](#)

LOGISTICS

Weight 0.00 kg
Volume 0.00 m³
Customer Lead Time 0 days
HS Code
Origin of Goods

Point of Sale Dashboard Orders Products Reporting Configuration

Bonchon-PSN A

New Product Variants [BPSN/SFP/02089] Water Bottle 100ml

Pricelists 0 Rules

Go to Website

Documents 0

On Hand 0.00 Unit

More

1 / 1

[View Diagram](#)



Purchase Request

COUNTERPART LOCATIONS

Production Location Virtual Locations/Production

Inventory Location Virtual Locations/Inventory adjustment

PACKAGING

Packaging	Package Type	Contained ...	Package UoM	Sales	Purchase	Barcode	
Water Bottle 100ml 1 x 6	Pack	6.00	Pack	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	756452	
Water Bottle 100ml 1 x 16	Box	16.00	Box	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	887351	

Add a line

- Once you **save the product**, a **Packaging Product** is automatically created.
 - The **Pack Product's information** (like name, Pack Product or Not, and Barcode details) will be **automatically filled in** based on the packaging setup.
 - Additionally, a **Bill of Materials (BoM)** is also created for the new pack product.

Point of Sale Dashboard Orders Products Reporting Configuration

New Products

Product Water Bottle 100ml x Search...

1-3 / 3

☆ Water Bottle 100ml [BPSN/SFP/02089] Price: 1.00 ₹ On hand: 0.00 Unit	☆ Water Bottle 100ml 1 x 16 [BPSN/SFP/02099] Price: 1.00 ₹ On hand: 0.00 Unit	☆ Water Bottle 100ml 1 x 6 [BPSN/SFP/02100] Price: 1.00 ₹ On hand: 0.00 Unit
---	--	---

Point of Sale Dashboard Orders Products Reporting Configuration

New Products [BPSN/SFP/02100] Water Bottle 10... Pricelists 0 Rules Go to Website On Hand 0.00 Unit Bill of Materials 1 More

3 / 3

Product

☆ Water Bottle 100ml 1 x 6

☒ Sales
 ☒ Purchase
 ☒ Point of Sale ?
 ☐ Expenses ?
 ☐ Rental ?
 ☒ Pack Product

General Information Attributes & Variants Sales Point of Sale Purchase Inventory Accounting Mark Down

Product Type ? ☒ Goods ☐ Service ☐ Combo
 Invoicing Policy ? Delivered quantities
 Track Inventory ? ☒ By Quantity

Invoice after delivery, based on quantities delivered, not ordered.

Product Owner

Sales Price ? 1.00 ₹ per Unit
 Sales Taxes ? 15% X (= 1.15 ₹ Incl. Taxes)
 Cost ? 0.00 ₹ per Unit [Compute Price from BoM](#)
 Purchase Taxes ? 15% X
 Category FOOD
 Item Code BPSN/SFP/02100
 Barcode 756452 → Update Barcode
 Additional Barcodes Barcode


[Point of Sale](#) [Dashboard](#) [Orders](#) [Products](#) [Reporting](#) [Configuration](#)**Bonchon-PSN****A****New**[Products](#)[\[BPSN/SFP/02099\] Water Bottle 10...](#) [Pricelists](#)[0 Rules](#) [Go to Website](#) [On Hand](#)[0.00 Unit](#) [Bill of Materials](#)[1](#)[More](#)[2 / 3](#)[<](#)[>](#)**Water Bottle 100ml 1 x 16**☒ [Sales](#) ☒ [Purchase](#) ☒ [Point of Sale ?](#) ☐ [Expenses ?](#) ☐ [Rental ?](#) ☒ [Pack Product:](#)[General Information](#) [Attributes & Variants](#) [Sales](#) [Point of Sale](#) [Purchase](#) [Inventory](#) [Accounting](#) [Mark Down](#)**Product Type ?** ☒ [Goods](#) ☐ [Service](#) ☐ [Combo](#)**Invoicing Policy ?** [Delivered quantities](#)**Track Inventory ?** ☒ [By Quantity](#)*Invoice after delivery, based on quantities delivered, not ordered.***Product Owner****Sales Price ?** 1.00 ₹ per Unit**Sales Taxes ?** 15% X (= 1.15 ₹ Incl. Taxes)**Cost ?** 0.00 ₹ per Unit [Compute Price from BoM](#)**Purchase Taxes ?** 15% X**Category** [FOOD](#)**Item Code** [BPSN/SFP/02099](#)**Barcode** 887351[→ Update Barcode](#)**Additional Barcodes****Barcode**[Point of Sale](#) [Dashboard](#) [Orders](#) [Products](#) [Reporting](#) [Configuration](#)**Bonchon-PSN****A****New**[-- / \[BPSN/SFP/02100\] Water Bott...](#) [/ Bill of M...](#)[\[BPSN/SFP/02100\] Water Bottle 100ml 1 x 6](#) [BoM Overview](#)[1 / 1](#)[<](#)[>](#)**Product** [\[BPSN/SFP/02100\] Water Bottle 100ml 1 x 6](#)**Product Variant ?** [Water Bottle 100ml 1 x 6](#)**Quantity ?** 1.00 Unit**Reference****BoM Type** ☐ [Manufacture this product](#)☒ [Kit](#)

A BoM of type Kit is not produced with a manufacturing order.
Instead, it is used to decompose a BoM into its components when:

- it is added as a component in a manufacturing order
- it is moved via a transfer, such as a receipt or a delivery order for instance.

Company [Bonchon-PSN](#)[Components](#) [Miscellaneous](#)

Barcode	Component	Quantity	Pack	Packaging	Product Unit of Measure	
	[BPSN/SFP/02089] Water Bottle 100ml	0	6.00	<input checked="" type="checkbox"/> Water Bottle 100ml 1 x 6	Unit	

[Add a line](#) [Catalog](#)[Point of Sale](#) [Dashboard](#) [Orders](#) [Products](#) [Reporting](#) [Configuration](#)**Bonchon-PSN****A****New**[-- / \[BPSN/SFP/02099\] Water Bott...](#) [/ Bill of M...](#)[\[BPSN/SFP/02099\] Water Bottle 100ml 1 x 16](#) [BoM Overview](#)[1 / 1](#)[<](#)[>](#)**Product** [\[BPSN/SFP/02099\] Water Bottle 100ml 1 x 16](#)**Product Variant ?** [Water Bottle 100ml 1 x 16](#)**Quantity ?** 1.00 Unit**Reference****BoM Type** ☐ [Manufacture this product](#)☒ [Kit](#)

A BoM of type Kit is not produced with a manufacturing order.
Instead, it is used to decompose a BoM into its components when:

- it is added as a component in a manufacturing order
- it is moved via a transfer, such as a receipt or a delivery order for instance.

Company [Bonchon-PSN](#)[Components](#) [Miscellaneous](#)

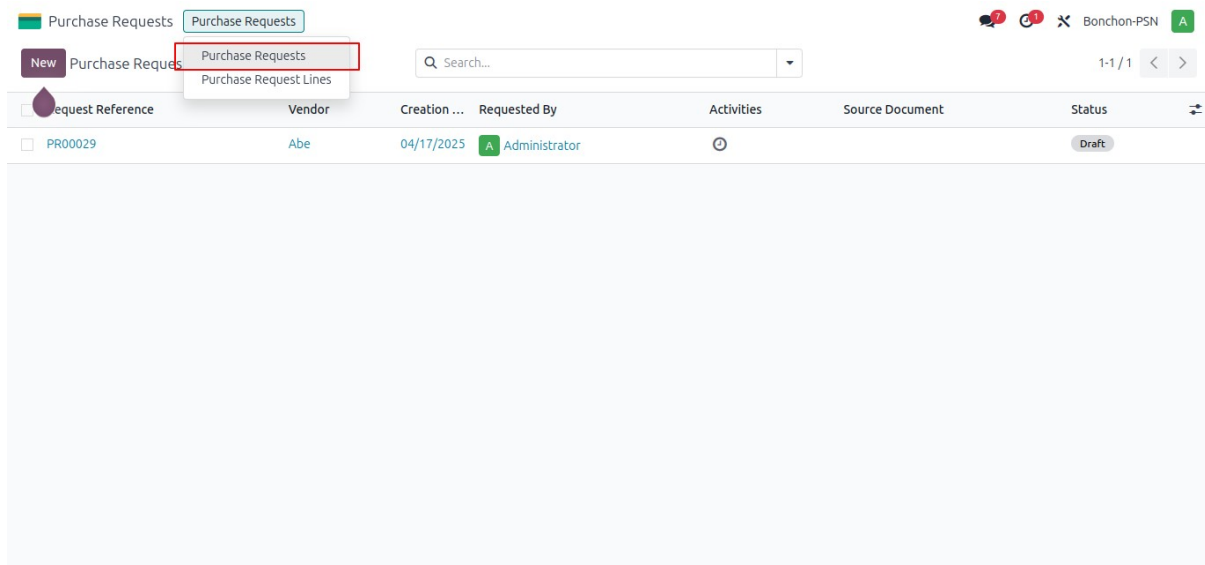
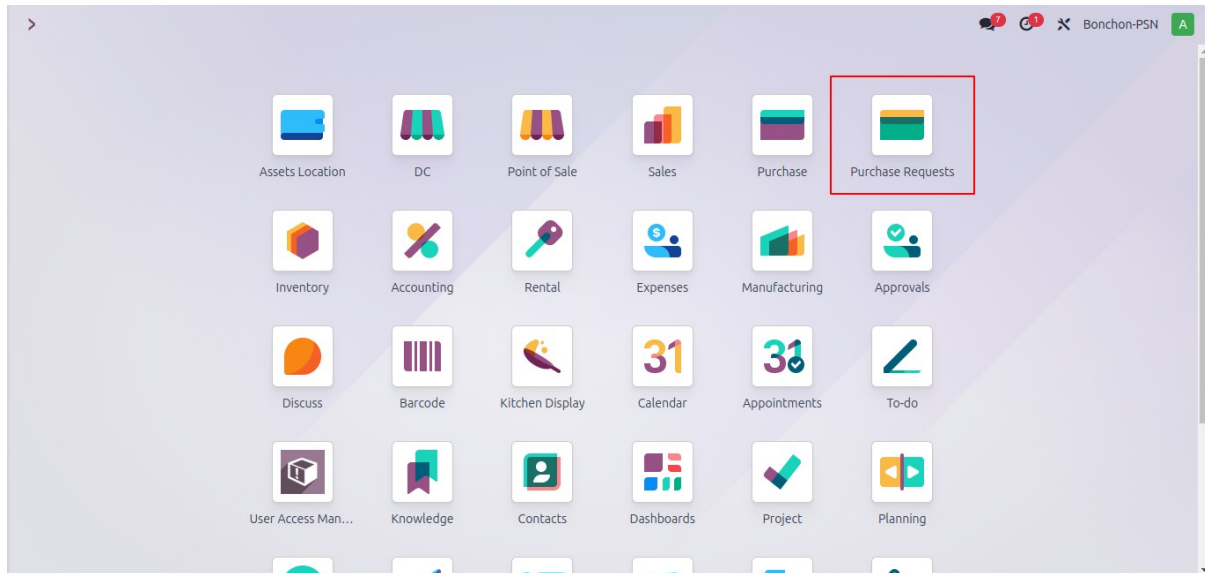
Barcode	Component	Quantity	Pack	Packaging	Product Unit of Measure	
	[BPSN/SFP/02089] Water Bottle 100ml	0	16.00	<input checked="" type="checkbox"/> Water Bottle 100ml 1 x 16	Unit	

[Add a line](#) [Catalog](#)

How to Create a Purchase Request and Process a Purchase Order

1. Open the Purchase Request App

Navigate to the **Purchase Request** app as shown in the provided screenshots.



2. Create a New Purchase Request

- Click on **Create** to start a new request.
- Select the **Vendor** configured for the small product (e.g., **Water Bottle 100ml**).
- In the **Purchase Request Lines**, add the product as shown in the snapshots.

Purchase Requests Purchase Requests





Bonchon-PSN



New

Purchase Requests

Search...

1-1 / 1

Request Reference	Vendor	Creation ...	Requested By	Activities	Source Document	Status
PR00029	Abe	04/17/2025	Administrator			Draft

Purchase Requests Purchase Requests





Bonchon-PSN



New

Purchase Requests

PR00030

1 / 1

Request approval

Draft

To be approved

Approved

Rejected

Done

Request Reference

PR00030

VENDOR

Vendor Abe

Vendor Bank

Source Document

Description

Currency LAK

Procurement Group

REQUEST BY AND APPROVE BY

Requested By Administrator

Approver

Creation date 04/21/2025

Ship to Bonchon-PSN: Receipts

Company Bonchon-PSN

Products

Barcode Product Packaging Packaging ... Package ... Exclu... Quantity UoM PO Cost Total Amount Analytic D...

Purchase Requests Purchase Requests





Bonchon-PSN



New

Purchase Requests

PR00030

1 / 1

Vendor Bank

Source Document

Description

Currency LAK

Procurement Group

Approver

Creation date 04/21/2025

Ship to Bonchon-PSN: Receipts

Company Bonchon-PSN

Products

Barcode Product Packaging Packaging ... Package ... Exclu... Quantity UoM PO Cost Total Amount Analytic D...

Water Bottle 100ml

Add a product [BPSN/SFP/02089] Water Bottle 100ml

Create "Water Bottle 100ml"

Search More...

Create and edit...

Currency: LAK

3. Select Product Packaging

- Choose the **packaging option** you want to purchase from the vendor.
- Enter the **packaging quantity**.
- The system will **automatically calculate the total product quantity** based on the selected packaging. This quantity is rounded, not shown as a decimal.

Purchase Requests Purchase Requests

New Purchase Requests PR00030

Lines 1

1/1

Company Bonchon-PSN

Currency LAK

Procurement Group

Products

Barcode	Product	Packaging	Packaging ...	Package ...	Exclu...	Quantity	UoM	PO Cost	Total Amount	Analytic D...
[BPSN/SFP/02089]	Water				<input type="checkbox"/>	1.00	Unit	0.00 K	0.00 K	04/2
		Water Bottle 100ml 1 x 6								
		Water Bottle 100ml 1 x 16								
		Search More...								
		Start typing...								

Currency: LAK

Total Estimated Cost: 0.00 K

Send message Log note Activities

Following

Purchase Requests Purchase Requests

New Purchase Requests PR00030

Lines 1

1/1

Company Bonchon-PSN

Currency LAK

Procurement Group

Products

Barcode	Product	Packaging	Packaging Quantity	Package UoM	Exclu...	Quantity	UoM	PO Cost	Total Amount
[BPSN/SFP/02089]	Water Bot...	Water Bottle 100ml 1 x 16	1.00	Box	<input type="checkbox"/>	16.00	Unit	0.00 K	0.00 K

Currency: LAK

Total Estimated Cost: 0.00 K

Send message Log note Activities

Following

4. Adjust Product Quantity

- For example, if you set the packaging quantity to **3**, the product quantity may automatically update to **48**, depending on how the packaging is defined.
- This rounding is done based on the packaging setup.

Purchase Requests Purchase Requests

New Purchase Requests PR00030

Lines 1

1/1

Vendor Bank

Source Document

Description

Currency LAK

Procurement Group

Products

Product Packaging Packaging Quantity Package UoM Exclu... Quantity UoM PO Cost Total Amount Analytic D...

Product	Packaging	Packaging Quantity	Package UoM	Exclu...	Quantity	UoM	PO Cost	Total Amount	Analytic D...
[BPSN/SFP/02089] Water Bot...	Water Bottle 100ml 1 x 16	3.00	Box		48.00	Unit	0.00 ₹	0.00 ₹	04/21/

luct Add a section Add a note

Currency: LAK

5. Exclude Extra Quantity (Optional)

- Enable the **Exclude in Package** option if you want to allow users to exclude the extra quantity that results from rounding.
- This lets you assign a custom or random quantity of the product.

Purchase Requests Purchase Requests

New Purchase Requests PR00030

Lines 1

1/1

Currency LAK

Procurement Group

Products

Barcode Product Packaging Packaging Quantity Package UoM Exclude In Package Quantity UoM PO Cost 1

Barcode	Product	Packaging	Packaging Quantity	Package UoM	Exclude In Package	Quantity	UoM	PO Cost
[BPSN/SFP/02089] Water Bot...	Water Bottle 100ml 1 x 16	Water Bottle 100ml 1 x 16	3.00	Box	<input checked="" type="checkbox"/>	55.00	Unit	0.00 ₹

Add a product Add a section Add a note

Currency: LAK

Total Estimated Cost: 0.00 ₹

Send message Log note Activities

Following

6. Create the Purchase Order

- Click on **Create PO** to generate a Purchase Order based on the purchase request.
- The Purchase Order will reflect the exact quantity set in the request.

Purchase Requests Purchase Requests

New Purchase Requests PR00030

Lines 1 Purchase Orders 1

1 / 1 < >

Reset **Create PO** Done Reject

Draft To be approved **Approved** Rejected Done

Request Reference
PR00030

VENDOR

Vendor Abe

Vendor Bank

Source Document

Description

Currency LAK

Procurement Group

REQUEST BY AND APPROVE BY

Requested By Administrator

Approver

Creation date 04/21/2025

Ship to Bonchon-PSN: Receipts

Company Bonchon-PSN

Products

Barcode	Product	Packaging	Packaging ...	Package ...	Exclu...	Quantity	UoM	PO Cost	Total Amount	Analytic D...

Purchase Requests Purchase Requests

New Purchase Requests PR00030

Lines 1 **Purchase Orders 1**

1 / 1 < >

Reset Create PO **Done** Reject

Draft To be approved **Approved** Rejected Done

Request Reference
PR00030

VENDOR

Vendor Abe

Vendor Bank

Source Document

Description

Currency LAK

Procurement Group

REQUEST BY AND APPROVE BY

Requested By Administrator

Approver

Creation date 04/21/2025

Ship to Bonchon-PSN: Receipts

Company Bonchon-PSN

Products

Barcode	Product	Packaging	Packaging ...	Package ...	Exclu...	Quantity	UoM	PO Cost	Total Amount	Analytic D...

7. Confirm the Purchase Order

- Once the Purchase Order is created, click **Confirm**.
- A **Receipt** will be generated for the confirmed quantity.

Purchase Requests Purchase Requests

New Purchase Requests / P00092 PR00030 1/1 < >

Request for Quotation
★ P00092

Vendor ? Abe

Vendor Reference ?

Approval Level

Agreement

Currency LAK

Landed Cost Price 0

Purchase Request PR00030

Order Deadline ? 04/21/2025 09:08:26

Expected Arrival ? 04/21/2025 00:00:00 100% On-Time Delivery

☐ Ask confirmation

Deliver To ? Bonchon-PSN: Receipts

Project

Products Other Information Approval Info

Product	Packaging	Packaging Quantity	Package UoM	Exclude In Package	Quantity	UoM	Unit Price
[BPSN/SFP/02089] Water Bottle 100ml	Water Bottle 100ml 1 x 16	3.00	Box	<input checked="" type="checkbox"/>	55.00	Unit	0.00

Add a section Add a note Catalog

Purchase Requests Purchase Requests

New Purchase Requests / P00092 PR00030 1/1 < >

Send by Email Print RFQ **Confirm Order** Cancel RFQ RFQ Sent Purchase Order

Request for Quotation
★ P00092

Vendor ? Abe

Vendor Reference ?

Approval Level

Agreement

Currency LAK

Landed Cost Price 0

Purchase Request PR00030

Order Deadline ? 04/21/2025 09:08:26

Expected Arrival ? 04/21/2025 00:00:00 100% On-Time Delivery

☐ Ask confirmation

Deliver To ? Bonchon-PSN: Receipts

Project

Products Other Information Approval Info

Product	Packaging	Packaging Quantity	Package UoM	Exclude In Package	Quantity	UoM	Unit Price
[BPSN/SFP/02089] Water Bottle 100ml	Water Bottle 100ml 1 x 16	3.00	Box	<input checked="" type="checkbox"/>	55.00	Unit	0.00

Purchase Requests Purchase Requests

New Purchase Requests / PR00030 P00092

Bill Matching Receipt 1

1 / 1

Receive Products Send PO by Email Confirm Receipt Date Create Bill Cancel Lock RFQ RFQ Sent Purchase Order

Purchase Order

☆ P00092

Vendor ? Abe

Vendor Reference ?

Approval Level

Agreement

Currency LAK

Landed Cost Price 0

Purchase Request PR00030

Confirmation Date 04/21/2025 09:11:41

Expected Arrival ? 04/21/2025 00:00:00

☐ Ask confirmation

Deliver To ? Bonchon-PSN: Receipts

Project

Products Other Information Approval Info

Product	Packaging	Packaging ...	Package ...	Exclu...	Quantity	Received	Billed	UoM	Unit Pr
[BPSN/SFP/02089] Water Bottle 10...	Water Bottle 100ml 1 x 16	3.00	Box	<input checked="" type="checkbox"/>	55.00	0.00	0.00	Unit	0.00

8. Validate the Receipt

- Click **Validate** on the receipt to complete the picking process.
- The **on-hand quantity** of the product will now be updated to match the quantity received through the Purchase Order.

Purchase Requests Purchase Requests

New / PR00030 / P00092 BPSN/IN/00067

Moves

1 / 1

Validate Print Return Cancel Draft Ready Done

☆ BPSN/IN/00067

Receive From Abe

Operation Type Bonchon-PSN: Receipts

Bill Reference

Destination Location BPSN/Stock

Scheduled Date ? 04/21/2025 00:00:00

Source Document ? P00092

Assign Owner ?

Operations Additional Info Note

Barcode	Product	Packaging	Demand	Quantity	Unit
[BPSN/SFP/02089] Water Bottle 100ml	Water Bottle 100ml 1 x 16	55.00	55.00	Unit	

Add a line

Purchase Requests Purchase Requests

Bonchon-PSN

**New** / PR00030 / P00092
BPSN/IN/00067 Moves

1 / 1 < >

Validate Print Return Cancel

Draft **Ready** Done

☆ BPSN/IN/00067

Receive From

Abe

Operation Type

Bonchon-PSN: Receipts

Bill Reference

Destination Location

BPSN/Stock

Scheduled Date ?

04/21/2025 00:00:00

Source Document ?




P00092

Assign Owner ?

Operations

Additional Info

Note

Barcode	Product	Packaging	Demand	Quantity	Unit	
	[BPSN/SFP/02089] Water Bottle 100ml	Water Bottle 100ml 1 x 16	55.00 	55.00	Unit	 
Add a line						

Sales Orders To Invoice Products Reporting Configuration

Bonchon-PSN

**New** Products

Q Sales x Product: Water Bottle 100ml x Search...

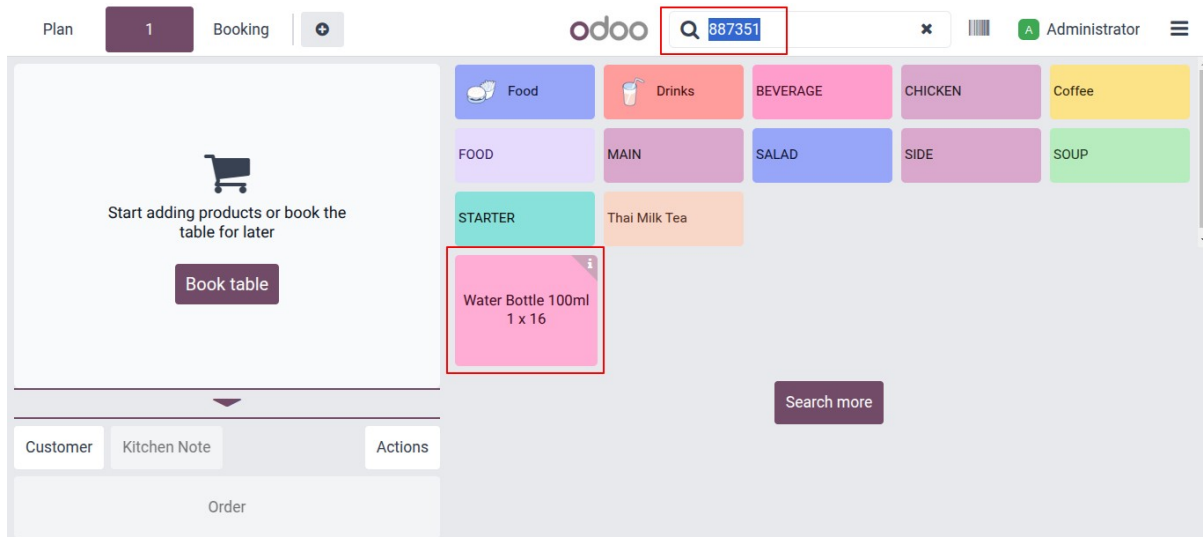
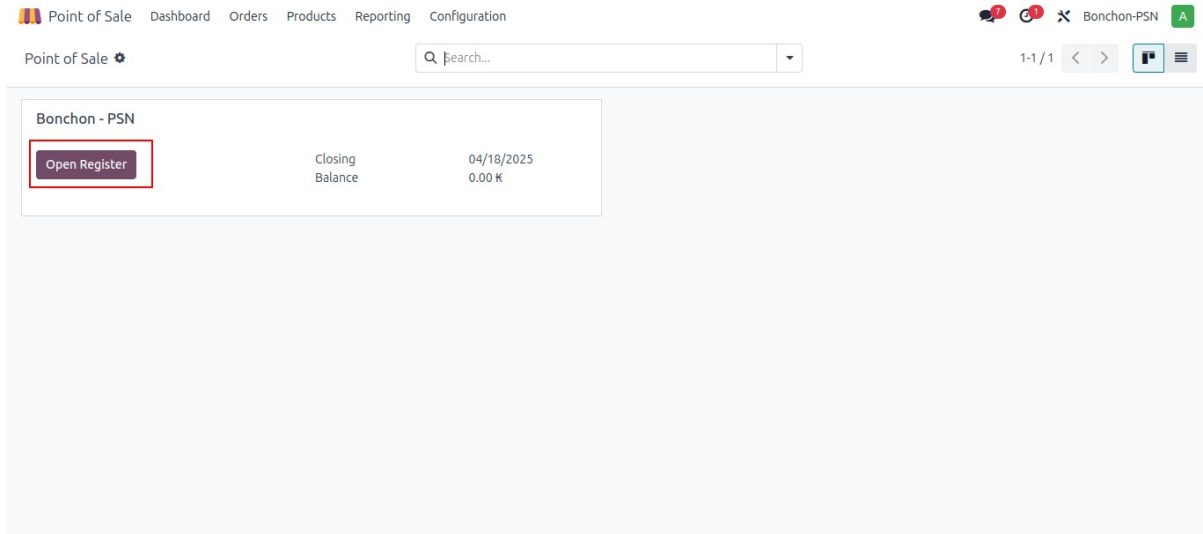
1-3 / 3 < >

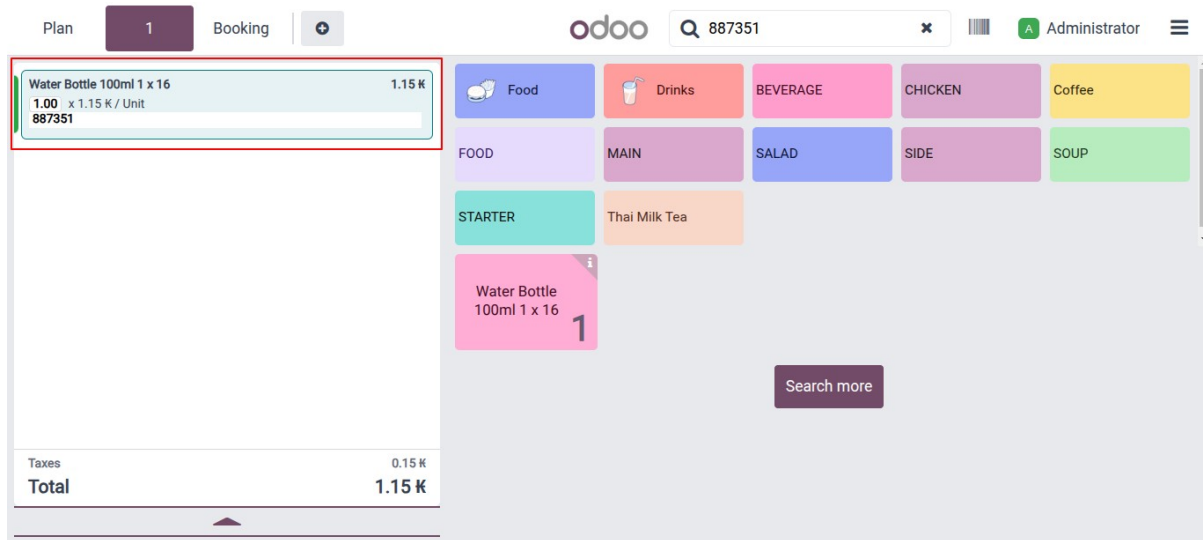
  

☆ Water Bottle 100ml [BPSN/SFP/02089] Price: 1.00 ₹ On hand: 55.00 Unit	☆ Water Bottle 100ml 1 x 16 [BPSN/SFP/02099] Price: 1.00 ₹ On hand: 3.00 Unit	☆ Water Bottle 100ml 1 x 6 [BPSN/SFP/02100] Price: 1.00 ₹ On hand: 9.00 Unit
--	--	---

Selling Pack Products via POS

1. **Navigate to the POS App.**
2. **Scan the Barcode** of the Pack Product at the Point of Sale.
3. The system will **automatically add the Pack Product** to the cart as a single item, rather than listing each individual product separately.
 - *Example:* Scanning one pack product adds 1 item to the cart, not 6 individual items.

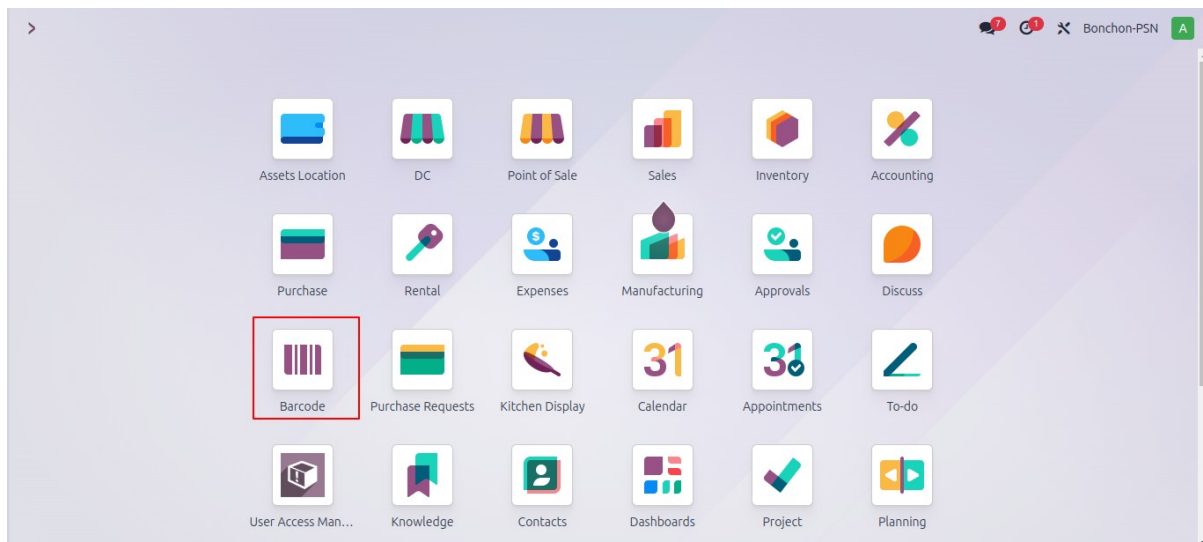


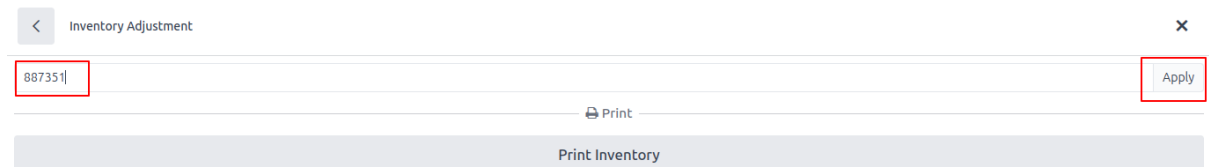
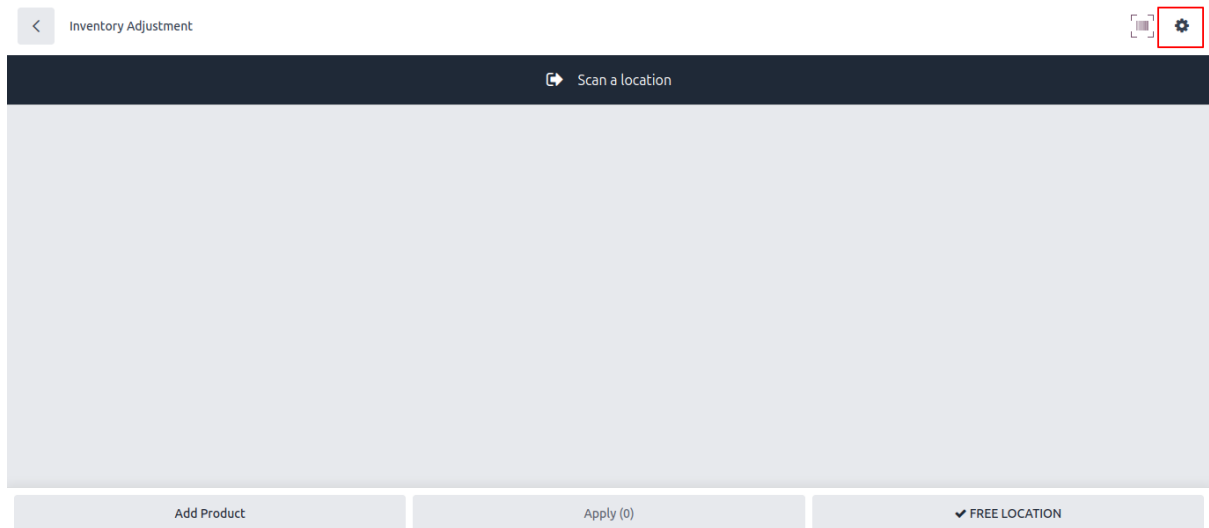
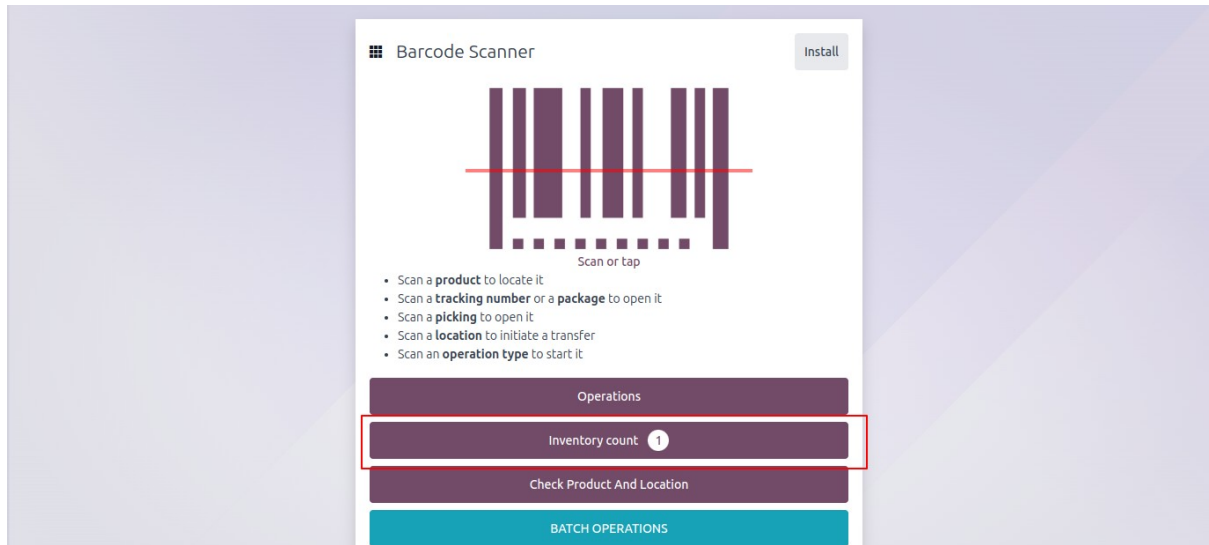


The screenshot shows the Odoo POS interface. On the left, a list of products is displayed, with 'Water Bottle 100ml 1 x 16' selected, showing a price of 1.15 ₹. Below this, a summary section shows 'Taxes' at 0.15 ₹ and a 'Total' of 1.15 ₹. On the right, a grid of product categories is visible, including Food, Drinks, BEVERAGE, CHICKEN, Coffee, FOOD, MAIN, SALAD, SIDE, SOUP, STARTER, and Thai Milk Tea. A search bar at the top right contains the text '887351'.

Inventory Adjustment for Pack Products

1. Go to the **Barcode App**.
2. Navigate to the **Inventory Count** section.
3. Click the **Settings icon** located at the top-right corner.
4. In the search bar, **enter the Pack Product's barcode** and click the **Apply** button.
5. The system will display the **individual components (Small Products)** of the Pack Product in the count lines, with quantities as defined in the pack configuration.





< Inventory Adjustment ⊞

Scan more products in BPSN/Stock or scan another location

📍 BPSN/Stock

BPSN/SFP/02089

Water Bottle 100ml

16 Unit

?

-1

+1

Add Product

Apply (1)

✓ FREE LOCATION

< Inventory Adjustment ✕

887351

Apply

🖨️ Print

Print Inventory

< Inventory Adjustment ⊞

Scan more products in BPSN/Stock or scan another location

📍 BPSN/Stock

BPSN/SFP/02089

Water Bottle 100ml

32 Unit

?

-1

+1

Add Product

Apply (1)

✓ FREE LOCATION