

Inventory Controls: -

1. Serial Control
2. Lot Control
3. Revision Control
4. Locator Control

Lot Control: - Lot Control gives you the power to track the item in your warehouse or inventory.

Lot represents a quantity of items produced together sharing the same production cost and specification.

Lot Controls/Lot Numbering		Inventory Organization	Subinventories
Items	1		
Items	2		
Items	3	Lot1	
Items	4		
Items	5		
Items	6		
Items	7		
Items	8	Lot2	
Items	9		
Items	10		

Ex:- we are assigning lot 1 for items from 1 to 5.

Parent and child lot: -

P1 C1

C2

C3

P2 C1

C2

C3

Used to track the different transactions.

Lot Controls/Lot Numbering		Inventory Organization	Subinventories
Items	1 P1		
Items	2		
Items	3 C1		
Items	4		
Items	5		
Items	6 P1		
Items	7		
Items	8 C2		
Items	9		
Items	10		

Lot number uniqueness: -

Across items: -

No uniqueness Control: - uniqueness will be there in items but not across items.

Lot number generation: -

At item level

At Organization level

User defined

Setups for lot number generation: -

Setup lot number for inventory organization

Create item, Assign to inventory organization

Set lot numbering for item

Create miscellaneous transaction

Check on hand quantity

Create miscellaneous Issue

Creation:-

1) Setup lot number for inventory organization

Organization	Organization Name
001	Seattle
002	Atlanta
003	Chicago
100	Manchester
101	Bristol
151	Marseille
150	Bordeaux
050	Shanghai
051	Shenzhen
PRG01	Progress Operations

Manage organization parameters

Manage Inventory Organizations

Search Results

Organization	Organization Name
001	Seattle
002	Atlanta
003	Chicago
100	Manchester
101	Bristol
151	Marseille
150	Bordeaux
050	Shanghai
051	Shenzhen
PRG01	Progress Operations

Manage Inventory Organization Parameters: Seattle

Financial Information

Management Business Unit	US1 Business Unit
Primary Ledger	US Primary Ledger
Profit Center Business Unit	US1 Business Unit

General Lot, Serial Number, and Packing Unit Item Sourcing Details Additional Information

Lot Control

Uniqueness	No uniqueness control
Generation	No uniqueness control Unique across items
Allow Different Lot Status	
Automatically Create Lot UOM Conversion	

Lot Generation

Prefix	<input type="checkbox"/> Zero pad suffix
Total Length	30

Child Lot Control

Generation	<input type="checkbox"/> Zero pad suffix
Prefix	<input type="checkbox"/> Copy lot attributes
Total Length	<input type="checkbox"/> Format validation

Serial Number Generation

Manage Inventory Organization Parameters: Seattle

Financial Information

Management Business Unit	US1 Business Unit
Primary Ledger	US Primary Ledger
Profit Center Business Unit	US1 Business Unit

General Lot, Serial Number, and Packing Unit Item Sourcing Details Additional Information

Lot Control

Uniqueness	No uniqueness control
Generation	At organization level
Allow Different Lot Status	
Automatically Create Lot UOM Conversion	

Lot Generation

* Prefix	<input type="checkbox"/> Zero pad suffix
Total Length	30

Child Lot Control

Generation	<input type="checkbox"/> Zero pad suffix
Prefix	<input type="checkbox"/> Copy lot attributes
Total Length	<input type="checkbox"/> Format validation

Serial Number Generation

If it is org level, system will ask the Lot generation, Prefix, total length, Child lot etc

The screenshot shows the 'Manage Inventory Organization Parameters' page for the 'Seattle' location. At the top, it displays management business unit (US1 Business Unit), legal entity (US1 Legal Entity), primary ledger (US Primary Ledger), and profit center business unit (US1 Business Unit). The main tab selected is 'Lot, Serial Number, and Packing Unit'. Under this tab, there are sections for 'Lot Control' (with uniqueness control set to 'No uniqueness control' and generation at 'All item level'), 'Lot Generation' (prefix length 30, zero pad suffix checked), and 'Child Lot Control' (generation, prefix length 30, zero pad suffix, copy lot attributes, and format validation checked). Navigation tabs include General, Lot, Serial Number, and Packing Unit, Item Sourcing Details, and Additional Information.

Save and close

Create item, Assign to inventory organization: -

The screenshot shows the 'Product Information Management' dashboard. It includes three main cards: 'Supplier Products' (All Statuses, No data available), 'Publication Status' (Items: 0, Item Class: 0), and 'Item Completeness' (100%). A sidebar on the right lists 'Item Management' tasks such as Create Item, Manage Items, Browse Items, Create Pack, Create Item Structure, Manage Catalogs, Manage Manufacturers, Manage Trading Partner Items, Manage Item Relationships, and Manage Delete Groups. A 'New Item Priority' section indicates 0 High, 0 Med, and 0 Low items. The URL in the browser is https://exp-dev18.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_afrRedirect=24212786878062738&_adf.ctrl-state=cpmlzv6sp_418&_afrLoop=24212787965883967

Create Item

* Item: item_test1
* Description: Item is used for testing

Item Class: Root Item Class
Approval Status: Approved
Completeness Score:
Created By: SCM10.STUDENT

Item Status: Active
Lifecycle Phase: Active
User Item Type: Purchased Item
Pack Type: Base Unit or Each
Revision: A
Creation Date: 11/18/24 9:49 AM

No items to display

None +

Select and Add: Organizations

Search: Organization 001

Organization	Organization Name
001	Seattle

Templates : 001

Available List: ATO Model (000), ATO Model - Manufactured (000), ATO Model - Purchased (000), ATO Option Class (000), Configured Item (000), Contract Manufacturing Finished Goods (000), Contract Manufacturing Service Component (000)

Selected List:

Apply Done Cancel

None +

Overview Specifications Structures Attachments **Associations** Relationships Categories Quality

Actions View Format Reassign Freeze Detach Wrap

Organization	Organization Name	Item Status	* Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status	Change Order: Line	Chu Sta
000	Operations	Active	Ea	Primary	Primary	-	-	0	0	Approved	-	-
001	Seattle	Active	Ea	Primary	Primary	-	-	0	0	Approved	-	-
002	Atlanta	Active	Ea	Primary	Primary	-	-	0	0	Approved	-	-

Columns Hidden 3

Mange items:-

Manage Items (Root Item Class)

Advanced Search

Item Operator: Starts with

Item: item_test1

Description: Starts with

Keyword:

Search, Reset, Save..., Add Fields

Search Results

Item	Description	Approval Status	Item Status	Long Description	Item Class	Organization	Image
item_test1	it is used for testing	Approved	Active		Root Item Class	000	
item_test1	it is used for testing	Approved	Active		Root Item Class	001	
item_test1	it is used for testing	Approved	Active		Root Item Class	002	

Click on the item

Actions ▾ View ▾ Format ▾ Compare ▾ Detach ▾ Wrap ▾ Image ▾ Hide ▾ Manage Item Mass Changes ▾

Item	Description	Approval Status	Item Status	Long Description	Item Class	Organization	Image
item_test	it is used for testing	Approved	Active	SAM Root item ...	000		
item_test	it is used for testing	Approved	Active	SAM Root item ...	001		
item_test	it is used for testing	Approved	Active	SAM Root item ...	002		
item_test1	it is used for testing	Approved	Active	Root Item Class	000		

Goto item specifications, inventory,

Overview **Specifications** Structures Attachments Associations Relationships Categories Quality History

Item

Item Organization: Inventory ?

Item Revision

Additional Attributes

Inventory Item: Yes ?

Stocked: No ?

Check Material Shortage: No ?

Revision Control: No ?

Bulk Picked: No ?

Item Organization

Manufacturing Service ?

Inventory ?

Transaction Enabled: No ?

Reservable: Yes ?

Physical Attributes

Sales and Order Management ?

Planning ?

Purchasing ?

Lot ?

Control: Full lot control ?

* Starting Prefix: TA

* Starting Number: 1

Maturity Days

Hold Days

Lot Expiration ?

Control: No shelf life control ?

Shelf Life Days: 0

Retest Interval

Expiration Action

Expiration Action Interval

We can enter the lot expire date on the right side, as shown below.

Additional Attributes

Item Organization

Manufacturing Service ?

Inventory ?

Physical Attributes ?

Sales and Order Management ?

Planning ?

Purchasing ?

Lot ?

Control: Full lot control ?

Starting Prefix

Starting Number

Maturity Days

Hold Days

Lot Expiration ?

Control: User-defined expiration date ?

Shelf Life Days: 1 Example format: #,##0.###

Retest Interval

Expiration Action

Expiration Action Interval

Child Lot ?

Lot Split or Merge ?

Enter the lot :

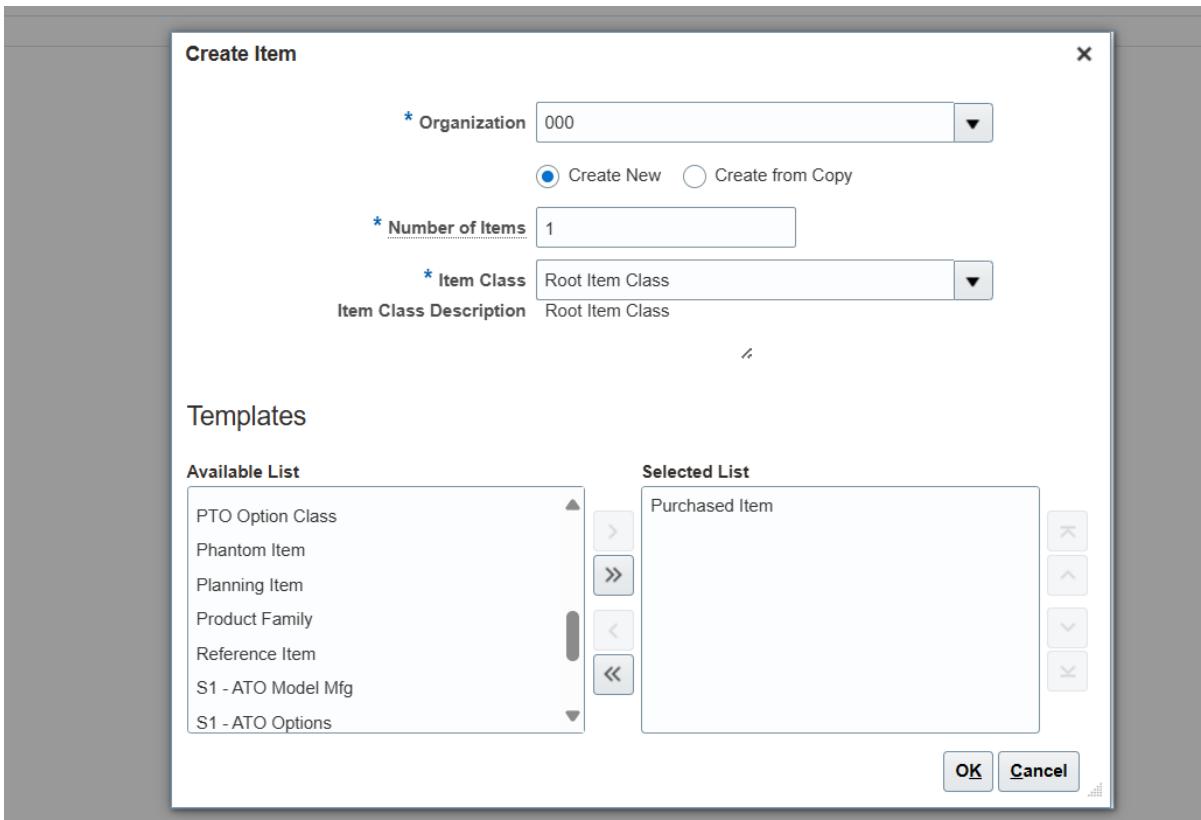
Control: full lot control/ no lot control(if it is no lot control, all will be disabled like starting prefix, number ect)

Starting prefix: TA

Starting number:1

Save and close.

Create Misceleneius receipt:- item: item_test



test_item_100

Overview **Specifications** Structures Attachments Associations Relationships Categories Quality

Item Item Organization: Inventory ②

Transactional Attributes
Product Details
Product Development

Material Control

Item Revision Inventory Item: Yes Stocked: Yes Transaction Enabled: Yes Reservable: Yes

Check Material Shortage: No Revision Control: No Bulk Picked: No

Item Organization Manufacturing Service

Inventory Physical Attributes Sales and Order Management Planning Purchasing

Lot ② Control: Full lot control Starting Prefix: TA Starting Number: 1 Maturity Days: Hold Days:

Lot Expiration ② Control: No shelf life control Shelf Life Days: 0 Retest Interval: Expiration Action: Expiration Action Interval:

This screenshot shows the Oracle SCM10 interface for managing items. At the top, there's a detailed view of an item with fields like Description, Item Class, Approval Status, and Created By. Below this, a table lists organizations with columns for Organization, Organization Name, Item Status, Primary Unit of Measure, Tracking Unit of Measure, Pricing, Secondary Unit of Measure, Defaulting Control, Positive Deviation Factor, Negative Deviation Factor, Approval Status, Change Order Line, and Change Status. The table contains three rows: 001 (Seattle), 002 (Atlanta), and 000 (Operations).

This screenshot shows the search results for items. The search criteria include Item Equals test_item_100 and Description Starts with test_item_100. The results table has columns for Item, Description, Approval Status, Item Status, Long Description, Item Class, Organization, and Image. It lists three items: test_item_100 (Organization 000), test_item_100 (Organization 001), and test_item_100 (Organization 002), all with 'Testing purpose' descriptions.

This screenshot shows the Oracle Inventory Management interface. The main dashboard displays metrics for picks (3 confirmed), late cycle counts (0 items over 30 days), cycle count sequences (No data available), and on-hand value (\$279M). On the right, a sidebar menu under 'Inventory' includes options like 'Create Miscellaneous Transaction' (which is highlighted in yellow), 'Manage Item Quantities', 'Create Subinventory Transfer', 'Create Interorganization Transfer', 'Manage Reservations and Picks', 'Manage Movement Requests', 'Manage Transfer Orders', 'Manage Pending Transactions', 'Review Completed Transactions', and 'Manage Reservation Intervals'. There's also a section for 'Late and Serial Numbers'.

Create Miscellaneous Transaction ⑦

Inventory Organization 001 Change Organization

Submit and Create Another Submit Cancel

Transaction

Date: 11/18/2024 10:15 AM

Type: Miscellaneous Receipt

Source:

Account: 101.10.22185.000.000.000

Use Current Item Cost: Yes

Enter transactions by serial numbers

Transaction Lines ②

Actions ▾ View ▾ + X Generate Lot Generate Serial Number Range Record Lots and Serial Numbers Edit Details

Line	* UOM Name	UOM Conversions	* Quantity	Secondary UOM	Secondary Quantity	* Use Current Item Cost	Unit Cost(USD)	Lot	Expiration Date	From Serial Number	To Serial Number	* Account
1	Ea	50	Yes	Enter Cost Details	1A1							101.10.22185

Line 1: Availability ②

Available Quantity: 0 Ea

On-Hand Quantity: 0 Ea

Secondary Available Quantity

Secondary On-Hand Quantity

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Inventory Organization 001 Change Organization

Record Lots

OK Cancel

Transaction Details

Item	Test_Item_100	Subinventory	Stores
Item Description	Testing purpose	Locator	
Revision		Quantity	50 Ea

Lots

Actions	View	+	X	Generate Single Lot	▼				
Lot	Quantity	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information
No data to display.									



Record Lots

Inventory Organization 001 [Change Organization](#)

[OK](#) [Cancel](#)

Transaction Details

Item	#test_item_100	Subinventory	Stores
Item Description	Testing purpose	Locator	
Revision		Quantity	50 Ea

Lots

Entered	0 Ea
Quantity Remaining	50 Ea

[Actions](#) [View](#) [+](#) [X](#) [Generate Single Lot](#)

* Lot	* Quantity	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information
No data to display.									

Record Lots

Transaction Details

Item: test_item_100
Item Description: Testing purpose
Revision:

Lots

Generate Single Lot

* Lot	* Quantity	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information

No data to display.

Generate Multiple Lots

Item: test_item_100
Quantity Remaining: 50

Lot Generation

* Number of Lots: 2
* Quantity per Lot: 25
Reason:
Supplier Lot:
OK Cancel

SubInventory: Stores
Locator:
Quantity: 50 Ea
Entered: 0 Ea
Quantity Remaining: 50 Ea

Create Miscellaneous Transaction

Transaction

Date: 11/18/24 10:15 AM
Source:
Type: Miscellaneous Receipt
Account: 101.10.22185.000.000.000
Use Current Item Cost: Yes
 Enter transactions by serial numbers

Transaction Lines

Generate Lot **Generate Serial Number Range** **Record Lots and Serial Numbers** **Edit Details**

Line	* Quantity	Secondary UOM	Secondary Quantity	* Use Current Item Cost	Unit Cost(USD)	Lot	Expiration Date	From Serial Number	To Serial Number	* Account	Location Type	Location
1	50			Yes	Enter Cost Details	Multiple				101.10.22185.000.000.000		

Line 1: Availability

Available Quantity: 0 Ea
On-Hand Quantity: 0 Ea
Secondary Available Quantity
Secondary On-Hand Quantity

Create Miscellaneous Transaction

Transaction

Date: 11/18/24 10:15 AM
Source:
Type: Miscellaneous Receipt
Account: 101.10.22185.000.000.000
Use Current Item Cost: Yes
 Enter transactions by serial numbers

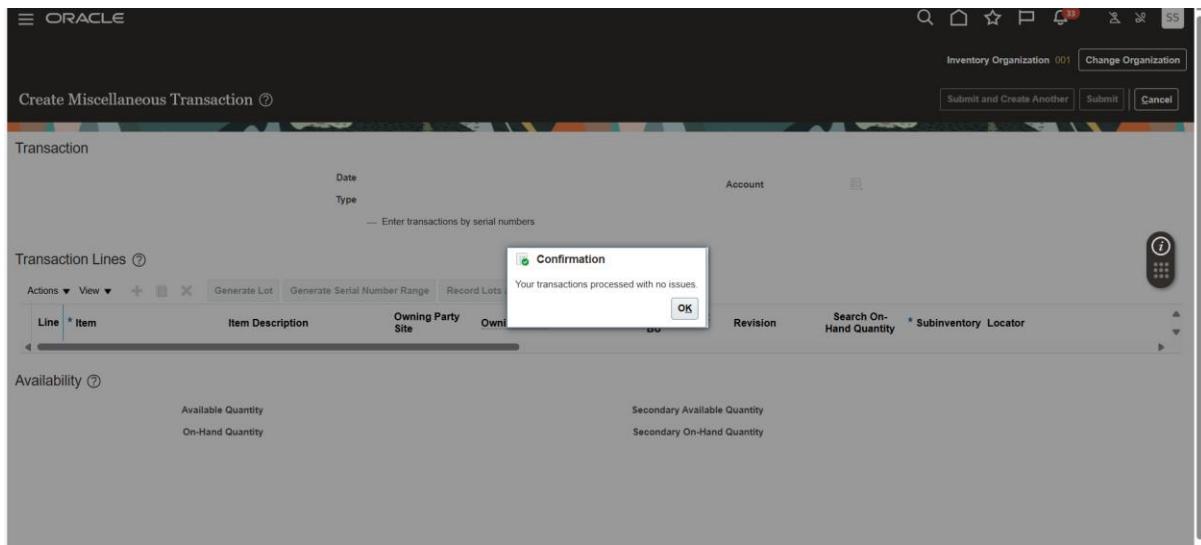
Transaction Lines

Generate Lot **Generate Serial Number Range** **Record Lots and Serial Numbers** **Edit Details**

Line	Expiration Date	From Serial Number	To Serial Number	* Account	Location Type	Location	Requester	Reason	Reference	Additional Information	Attachments
1				101.10.22185.000.000.000							

Line 1: Availability

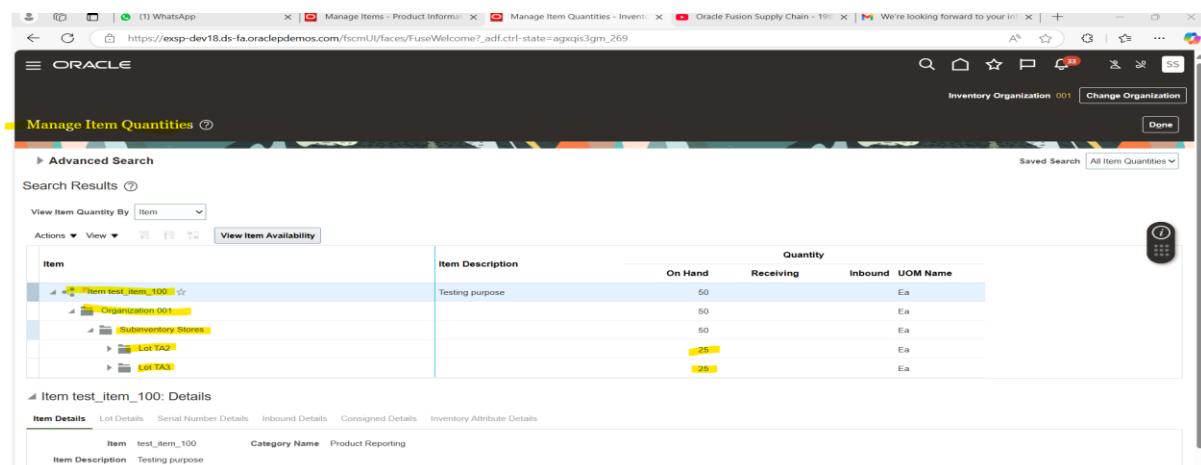
Available Quantity: 0 Ea
On-Hand Quantity: 0 Ea
Secondary Available Quantity
Secondary On-Hand Quantity



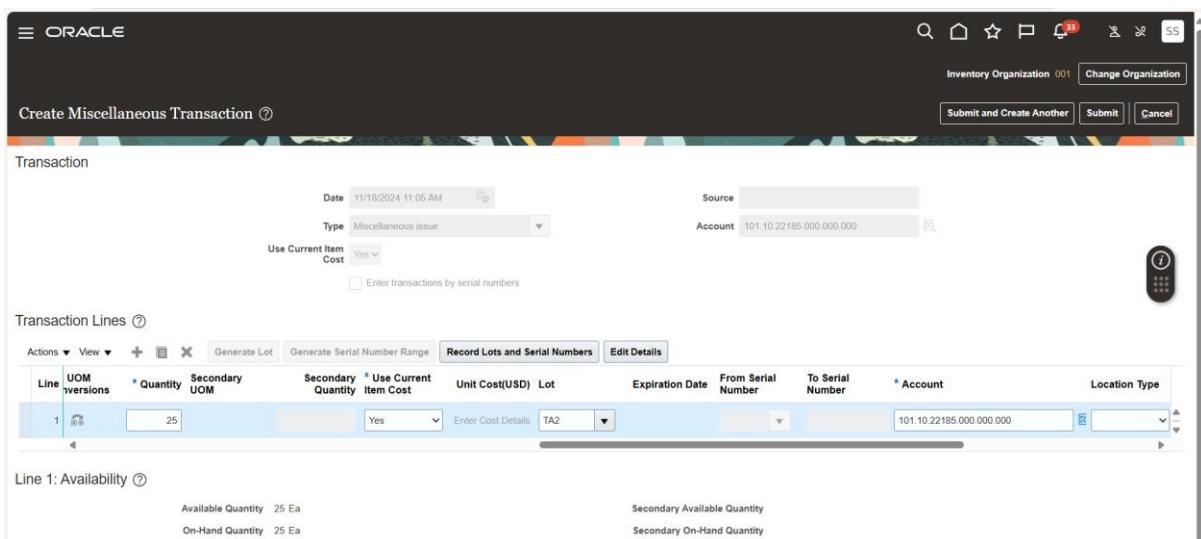
Click on submit

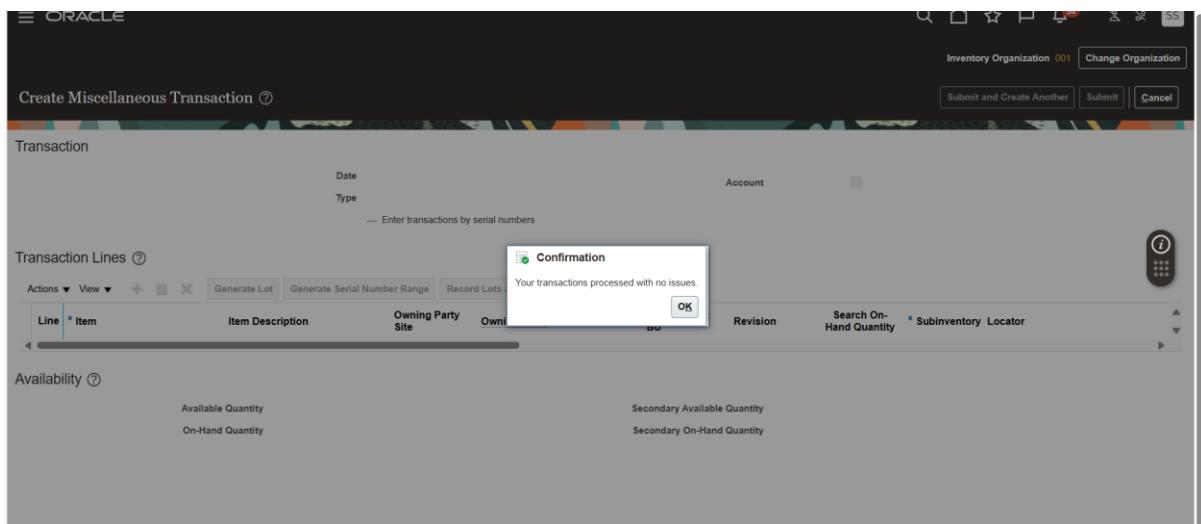
Goto Manage item Quantities:

Search with the item, you can able to see the item have 50 quantity with different lots with 25 each.



Create Misleneous Issue: (using lot numbers):-





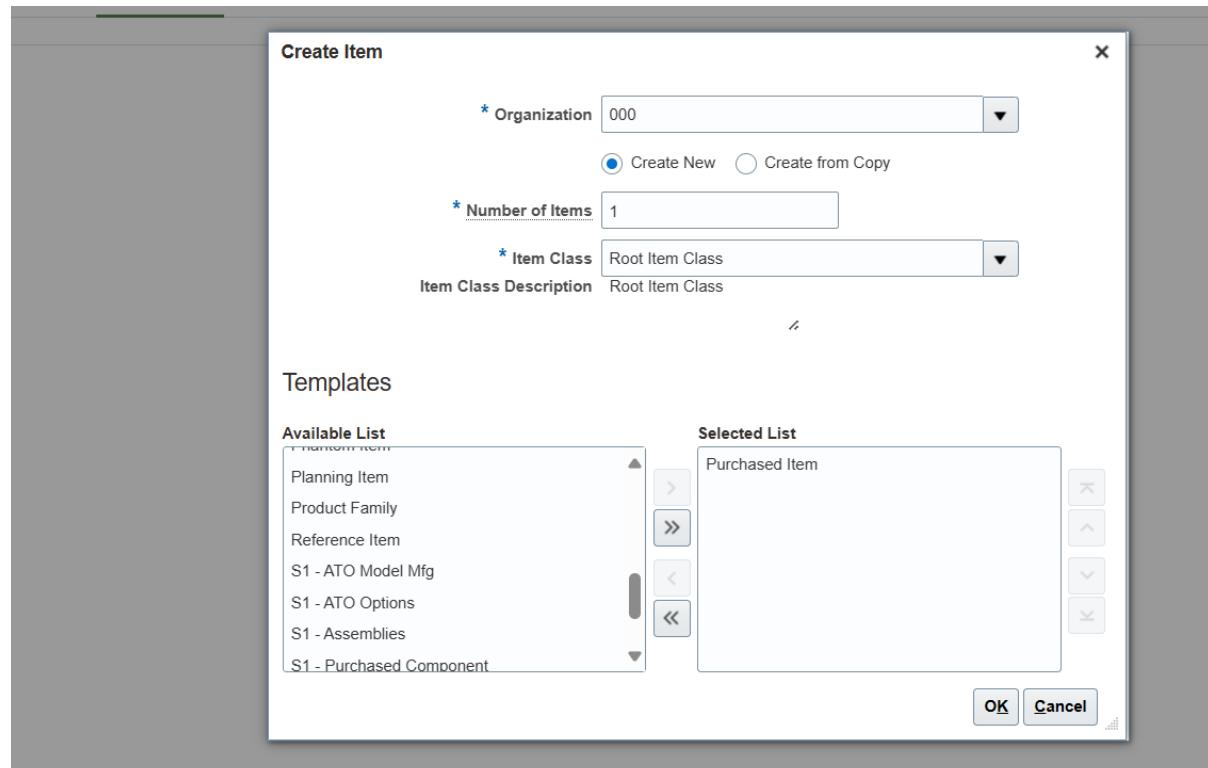
Click on submit

Parent and child lots:-

We can merge multiple child lots into one parent lot.

For example if we have child lots have 25 each in 4 lots, if those are under one parent lot we can use and transact those 100 quantity instead of 4 transactions.

Create item



https://exp-dev18.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_afrLoop=24226838135055893&_afrWindowMode=0&_afrWindowId=fwes73o4z&_adf.ctrl-state=agxqis...

Create Item

Item: lot_item
Description: Testing
Item Class: Root Item Class
Approval Status: Approved
Completeness Score: 100
Created By: SCM10.STUDENT
Item Status: Active
Lifecycle Phase: Initial
User Item Type: Purchased Item
Pack Type: Base Unit or Each
Revision: A
Creation Date: 11/18/24 11:15 AM

No items to display

None

Overview Specifications Structures Attachments Associations Relationships Categories Quality

Formatted Description Long Description

Item: lot_item
Description: Testing
Item Class: Root Item Class
Approval Status: Approved
Completeness Score: 100
Created By: SCM10.STUDENT
Item Status: Active
Lifecycle Phase: Initial
User Item Type: Purchased Item
Pack Type: Base Unit or Each
Revision: A
Creation Date: 11/18/24 11:15 AM

No items to display

None

Overview Specifications Structures Attachments Associations Relationships Categories Quality

Organizations Supplier Organizations

Organization	Organization Name	Item Status	Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status	Change Order Line	Chi Sta
000	Operations	Active	Ea	Primary	Primary			0	0	Approved		
001	Seattle	Active	Ea	Primary	Primary			0	0	Approved		
nn?	Atlanta	Active	Ea	Primary	Primary			0	0	Approved		

Additional Attributes

Item Organization

Manufacturing Service

Inventory

Physical Attributes

Sales and Order Management

Planning Purchasing

Lot

Control: Full lot control
Starting Prefix: P
Starting Number: 1
Maturity Days: 0
Hold Days: 0

Lot Expiration

Control: No shelf life control
Shelf Life Days: 0
Retest Interval: 0
Expiration Action: 0
Expiration Action Interval: 0

Child Lot

Child Lot Enabled: Yes
Format Validation: Yes
Copy Lot Attributes: Yes
Prefix: P
Starting Number: 1
Child Lot Generation: Parent and child

Lot Split or Merge

Lot Translate Enabled: No
Lot Split Enabled: No
Lot Divisible: Yes
Lot Substitution Enabled: No
Lot Merge Enabled: No

Save and close

Misceleneous Receipt:-

The screenshot shows the Oracle Fusion Supply Chain interface for creating a miscellaneous transaction. The top navigation bar includes tabs for WhatsApp, Manage Items - Product Information, Create Miscellaneous Transaction, Oracle Fusion Supply Chain - 191, and Inbox (144). The main title is "Create Miscellaneous Transaction".

Transaction Details:

- Date: 11/18/24 11:57 AM
- Type: Miscellaneous Receipt
- Source: [Placeholder]
- Account: [Placeholder]
- Use Current Item Cost: Yes
- Enter transactions by serial numbers:

Transaction Lines:

Actions ▾ View ▾ + X Generate Lot Generate Serial Number Range Record Lots and Serial Numbers Edit Details

Line	UOM Conversions	* Quantity	Secondary UOM	Secondary Quantity	* Use Current Item Cost	Unit Cost(USD)	Lot	Expiration Date	From Serial Number	To Serial Number	* Account	Location Type
1	50	Yes	Enter Cost Details	101.10.22185.000.000.000	100%							

Line 1: Availability:

Available Quantity: 0 Ea	Secondary Available Quantity
On-Hand Quantity: 0 Ea	Secondary On-Hand Quantity

Record Lots

Inventory Organization 001 Change Organization

OK Cancel

Transaction Details

Item	Lot_control	Subinventory	Stores
Item Description	Testing	Locator	
Revision		Quantity	50 Ea

Lots

Actions ▾ View ▾		Generate Single Lot ▾								
* Lot	Parent Lot	Generate Parent Lot	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information
No data to display										

Generate Multiple Lots

Record Lots

Transaction Details

Item Lot_control	Subinventory	Stores
Item Description Testing	Locator	
Revision	Quantity	50 Ea

Lots

Actions ▾ View ▾ + X Generate Single Lot ▾										
* Lot	Parent Lot	* Quantity	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information
		50								

Actions ▾ View ▾ + X Generate Single Lot ▾

- Add Row
- Delete
- Generate Single Lot
- Generate Parent Lot** [highlighted]
- Generate Multiple Lots

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Record Lots

Transaction Details

Item Lot_control	Subinventory	Stores
Item Description Testing	Locator	
Revision	Quantity	50 Ea

Lots

Actions ▾ View ▾ + X Generate Single Lot ▾										
* Lot	Parent Lot	* Quantity	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information
	P2	50								

← G ⓘ https://exp-dev18.ds-fa.oracledemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=agxqjs3gm_269

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Record Lots

Transaction Details

Item Lot_control	Subinventory	Stores
Item Description Testing	Locator	
Revision	Quantity	50 Ea

Lots

Actions ▾ View ▾ + X Generate Single Lot ▾										
* Lot	Parent Lot	* Quantity	Supplier Lot	Origination Type	Origination Date	Retest Date	Hold Date	Maturity Date	Reason	Additional Information
P2C1	P2	50		Inventory	11/18/24 11:11:00	m/d/y h:mm	m/d/y h:mm	m/d/y h:mm		

Click on OK

Submit it

Mange Item Quantities:-

The screenshot shows the Oracle Inventory Management interface. The main title is "Manage Item Quantities". On the left, there's a tree view under "Item Lot Control" showing "Organization 001" and "Subinventory Stores". The main table lists items with columns: Item Description, On Hand, Receiving, Inbound, and UOM Name. One row for "Lot P2C1" is selected and highlighted in yellow. Below the table, there's a section titled "Item Lot_Control: Details" with tabs for "Item Details", "Lot Details", "Serial Number Details", "Inbound Details", "Consigned Details", and "Inventory Attribute Details".

If you want to receive the same quantity to the same lot, we can enter the lot number s shown below.

The screenshot shows the "Create Miscellaneous Transaction" screen. The "Type" is set to "Miscellaneous Receipt". The "Transaction Lines" section has one line for "Stores" with a quantity of 10. The "Line 1: Availability" section shows "Available Quantity" as 50 Ea and "On-Hand Quantity" as 50 Ea. There are also sections for "Secondary Available Quantity" and "Secondary On-Hand Quantity".

Create Miscellaneous Transaction

Transaction

Date	11/18/24 12:35 PM	Source
Type	Miscellaneous Receipt	Account
Use Current Item Cost	Yes	
<input type="checkbox"/> Enter transactions by serial numbers		

Transaction Lines

Line	Secondary Quantity	Use Current Item Cost	Unit Cost(USD)	Lot	Expiration Date	From Serial Number	To Serial Number	* Account	Location Type	Location	Requester	Reason
1	Yes	Enter Cost Details	P2C1					101.10.22165.000.000.000				

Line 1: Availability

Available Quantity	50 Ea	Secondary Available Quantity
On-Hand Quantity	50 Ea	Secondary On-Hand Quantity

Create Miscellaneous Transaction

Transaction

Date	11/18/24 12:35 PM	Source
Type	Miscellaneous Receipt	Account
<input type="checkbox"/> Enter transactions by serial numbers		

Transaction Lines

Line	* Item	Item Description	Owning Party Site	Owning Party Owner	Revision	Search On-Hand Quantity	* Subinventory Locator
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Confirmation
Your transactions processed with no issues.

Availability

Available Quantity	Secondary Available Quantity
On-Hand Quantity	Secondary On-Hand Quantity

Manage Item Quantities

Advanced Search

Search Results

View Item Quantity By: **Item**

Item	Item Description	Quantity	
On Hand	Receiving	Inbound	UOM Name
Testing	60		Ea
Organization 001	60		Ea
Subinventory Stores	60		Ea
Lot P2C1	60		Ea

Item Lot_control: Details

Item Details	Lot Details	Serial Number Details	Inbound Details	Consigned Details	Inventory Attribute Details
Item: Lot_control	Category Name: Product Reporting				
Item Description: Testing					