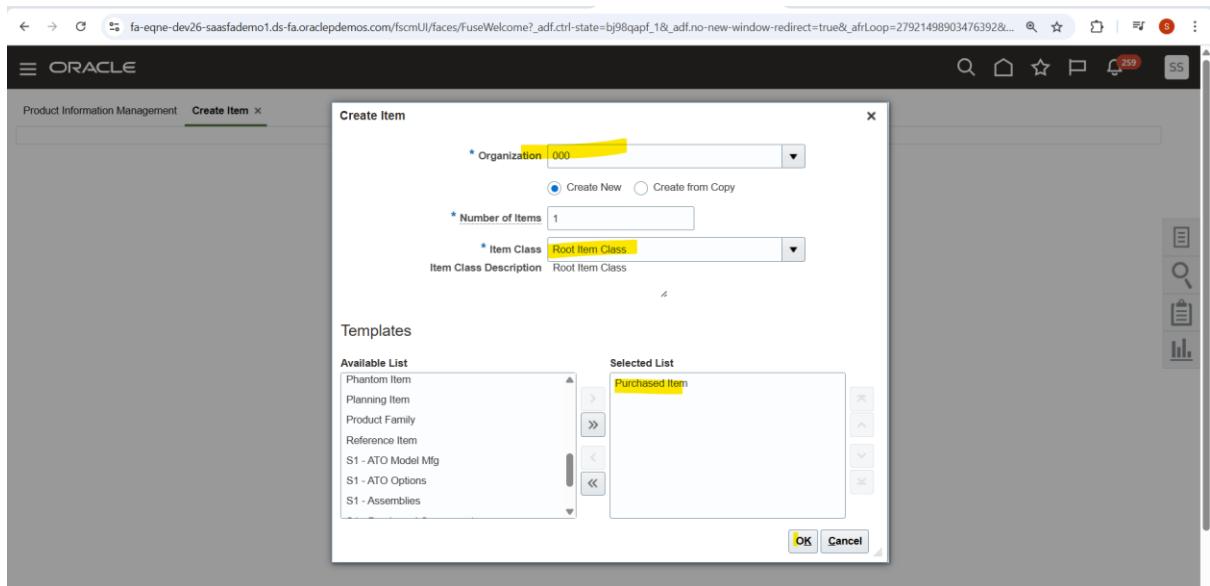


Min Max Planning at Purchase Requisition: -

Setup for Min Max Planning at PR

- Set Price for item
- Assign Item to Subinventory
- Run Min Max Planning Report
- INV_MINMAX_REORDER_APPROVED
- Set Requisition Preferences

1. Create an item and Set Price for the item



fa-eqne-dev26-saasfadem01.ds-fa.oracledemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=bj98qapf_1&_adf.no-new-window-redirect=true&_afrLoop=27921498903476392&...

No items to display

Create Item

Item Organization: Purchasing

- Purchasing**
- Item Revision**
- Additional Attributes**
- Item Organization**
- Manufacturing**
- Service**
- Inventory**
- Physical Attributes**
- Sales and Order Management**
- Planning**
- Purchasing**

Pricing

Outside Processing Item

Invoice Matching

Associations

| 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 |
|--------------|-------------------|-------------|---------------------------|--------------------------|---------|---------------------------|--------------------|---------------------------|---------------------------|-----------------|
| 000 | Operations | Active | Ea | Primary | Primary | - | - | 0 | 0 | Approved |
| 001 | Seattle | Active | Ea | Primary | Primary | - | - | 0 | 0 | Approved |

Save and close the item

2. Assign the Item to Sub inventory

| Name | Type | Details |
|------------------------------------|------|---------|
| Manage Subinventories and Locators | Task | |

| Subinventory | Description | Active | Material Status | Locator Control | Subinventory Type | Additional Information |
|--------------|---|-------------------------------------|-----------------|-----------------|-------------------|------------------------|
| Completed | Finished Goods | <input checked="" type="checkbox"/> | Active | None | Storage | |
| Consu_Sub | Consu_Sub | <input checked="" type="checkbox"/> | Active | None | Storage | |
| Inspection | Inspection | <input checked="" type="checkbox"/> | Active | None | Storage | |
| MinMax sub | used forTesting minmax sub | <input checked="" type="checkbox"/> | Active | None | Storage | |
| Minmax Sub | Used for testing Min Max planning program | <input checked="" type="checkbox"/> | Active | None | Storage | |
| Minmax sub | used for Testing Min Max Planning Program | <input checked="" type="checkbox"/> | Active | None | Storage | |
| Pra Stage | Pra Stage | <input checked="" type="checkbox"/> | Active | None | Storage | |
| Quarantine | Quarantine | <input checked="" type="checkbox"/> | Quarantine | None | Storage | |
| Receiving | Receiving | <input checked="" type="checkbox"/> | Active | None | Receiving | |
| Staging | Staging | <input checked="" type="checkbox"/> | Active | None | Storage | |

Select the Sub inventory and Click on +

| Inventory Planning Method | Additional Information |
|---------------------------|------------------------|
| Min-max planning | |
| Min-max planning | |

Type: supplier

Click on Done

3. Run Min-Max Planning Report

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Saved Search Last hour

| Submitted By | Submission Notes |
|--------------------|-------------------------|
| FUSION_APPS_CRM... | Resubmit Undelivered... |
| FUSION_APPSCRM... | Resubmit Undelivered... |
| FUSION_APPSCRM... | Refresh Access Data ... |
| FUSION_APPSCRM... | Resubmit Undelivered... |

fa-eqe-dev26-saasfadem01.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=bj98qapf_511&fnd=%3B%3B%3Bfalse%3B256%3B%3B&_afrLoop=279228...

Saved Search Last hour

| Submitted By | Submission Notes |
|-------------------|-------------------------|
| FUSION_APPSCRM... | Resubmit Undelivered... |
| FUSION_APPSCRM... | Resubmit Undelivered... |
| FUSION_APPSCRM... | Refresh Access Data ... |
| FUSION_APPSCRM... | Resubmit Undelivered... |

fa-eqe-dev26-saasfadem01.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=bj98qapf_511&fnd=%3B%3B%3Bfalse%3B256%3B%3B&_afrLoop=279228...

Saved Search Last hour

| Submitted By | Submission Notes |
|-------------------|-------------------------|
| FUSION_APPSCRM... | Resubmit Undelivered... |
| FUSION_APPSCRM... | Resubmit Undelivered... |
| FUSION_APPSCRM... | Refresh Access Data ... |
| FUSION_APPSCRM... | Resubmit Undelivered... |

Screenshot of the Oracle SCM UI showing the process history and output of the Min-Max Planning Report.

Process History:

| Name | Metadata Name | Process ID | Status | Scheduled Time | Submission Time | Completion Time | Submitted By | Submission Notes |
|---------------------------------|------------------------------------|------------|-----------|---------------------|---------------------|---------------------|---------------|-----------------------|
| Print Min-Max Planning Report | JnyMinMaxPlanningReportJob_7677032 | 7677032 | Succeeded | 3/16/25 6:06 AM UTC | 3/16/25 6:06 AM UTC | 3/16/25 6:07 AM UTC | SCM10.STUDENT | |
| Index Active Meta Model Vers... | IndexActiveMetaModelVersi... | 7677026 | Wait | 3/16/25 7:04 AM UTC | 3/16/25 6:05 AM UTC | | JOHN.DUNBAR | oracle.apps.crmCom... |
| Update References for Entity | UpdateDocumentsWhoseR... | 7677025 | Succeeded | 3/16/25 6:05 AM UTC | 3/16/25 6:05 AM UTC | 3/16/25 6:05 AM UTC | JOHN.DUNBAR | IndexActiveMetaMod... |
| Update References for Entity | UpdateDocumentsWhoseR... | 7677024 | Succeeded | 3/16/25 6:05 AM UTC | 3/16/25 6:05 AM UTC | 3/16/25 6:05 AM UTC | JOHN.DUNBAR | IndexActiveMetaMod... |

Process Details: Print Min-Max Planning Report, 7677032

Status: Succeeded | Schedule Start: 3/16/25 6:07 AM UTC | External Job Type: BIP Job | External Job Status: NA

Output & Delivery:

- XML Data
- Diagnostic Log
- Republish

| Status | All |
|-------------|-------------------------|
| Output Name | Default Document |
| Template | Redwood |
| Format | HTML |
| Locale | English (United States) |
| Time Zone | UTC |
| Calendar | |
| Status | ✓ |
| Send | |

Report Output: Min-MaxPlanningReport_Redwood (5).pdf

The report contains two pages. Page 1 shows the report parameters used for the Min-Max Report:

| Report Parameters | Value |
|------------------------------------|---|
| Organization | Seattle |
| Planning Level | Subinventory |
| Subinventory | |
| Item Selection | All min-max planned items |
| From Category | |
| To Category | |
| From Item | Min_max-PR |
| To Item | Min_max-PR |
| From Buyer | |
| To Buyer | |
| From Location | Inventory item |
| Demand Cutoff Date | 3/16/25 |
| Supply Cutoff Date | 3/16/25 |
| Restock | Yes |
| Ship-to Location | |
| Net Unreserved Orders | Yes |
| Net Reserved Orders | Yes |
| Include Inter-Plant Supply | Yes |
| Include Move Order Supply | Yes |
| Include Interface Supply | Yes |
| Include Nonnettable Subinventories | Yes |
| Lot Control | Include both lot and non lot controlled items |
| Display Format | Display all information |
| Display Item Description | Yes |
| From Planner | |
| To Planner | |
| Net WIP Demand | Yes |
| Include WIP Supply | Yes |
| Include Subinventories | Yes |
| Without On-Hand Quantities | |
| Batch Name | MINMAX7677032 |

Page 2 shows the Min-Max Report results:

| Item | Item Description | Sort By | Minimum Quantity | Maximum Quantity | On-Hand Quantity | Supply Quantity | Demand Quantity | Available Quantity | Minimum Order Quantity | Maximum Order Quantity | Multiple | Reorder Quantity |
|-------------|------------------|---------|------------------|------------------|------------------|-----------------|-----------------|--------------------|------------------------|------------------------|----------|------------------|
| Minmax Sub | Ea | | 100 | 10,000 | 0 | 0 | 0 | 0 | 1,000 | 8,000 | | Ea |
| Min_max-PR/ | Min_max-PR | | | | | | | | | | | 10,000 |

Min max planning program completed successfully, we can able to see the output, Reorder Quantity is 10,000

4. Change the Profile options:

Goto Setup and Maintenance>Manage administrator profile values

Search with INV_MINMAX_REORDER_APPROVED

Manage Administrator Profile Values ⑦

Search : Profile Option

| | |
|----------------------|------------|
| Profile Option Code | INV_MINMAX |
| Profile Display Name | |
| Category | |

Application Module

Search Results

Search Results : Profile Options

View ▾

| Profile Option Code | Profile Display Name | Application | Module | Start Date | End Date | Description |
|-------------------------|------------------------------------|----------------------|-----------------------|------------|----------|---|
| INV_MINMAX_REORDER_APPR | Min-Max Replenishment Reorder A... | Inventory Management | Material Availability | 4/13/18 | | Enable automatic approval of min-max replenishment reorders for purchase... |

INV_MINMAX_REORDER_APPROVED: Profile Values

Actions ▾ View ▾ + ×

Profile Display Name Module

Category

Search Results

Search Results : Profile Options

View ▾

| Profile Option Code | Pr Dis Application Na | Module | Start Date | End Date | Description |
|-----------------------------|-----------------------------|-----------------------|------------|----------|---|
| INV_MINMAX_REORDER_APPROVED | M.. Inventory Management | Material Availability | 4/13/18 | | Enable automatic approval of min-max replenishment reorders for purchase... |

INV_MINMAX_REORDER_APPROVED: Profile Values

Actions ▾ View ▾ + ×

| * Profile Level | Product Name | User Name | Profile Value |
|-----------------|--------------|-----------|---------------|
| Site | | | Preapproved |
| User | | | |

Preapproved → if we don't want approvals, keep it as Preapproved at site level
 Incomplete → If we want approvals , we can keep it as incomplete at site level

Manage Administrator Profile Values ⑦

Search : Profile Option

| | |
|----------------------|-----------------------------|
| Profile Option Code | INV_MINMAX_REORDER_APPROVED |
| Profile Display Name | |
| Category | |

Application Module

Search Results

Search Results : Profile Options

View ▾

| Profile Option Code | Pr Dis Application Na | Module | Start Date | End Date | Description |
|-----------------------------|-----------------------------|-----------------------|------------|----------|---|
| INV_MINMAX_REORDER_APPROVED | M.. Inventory Management | Material Availability | 4/13/18 | | Enable automatic approval of min-max replenishment reorders for purchase... |

INV_MINMAX_REORDER_APPROVED: Profile Values

Actions ▾ View ▾ + ×

| * Profile Level | Product Name | User Name | Profile Value |
|-----------------|--------------|-----------|---------------|
| Site | | | Incomplete |
| User | | | |

Keep it as incomplete, we will go through the approvals.

5. Update the Requisition Preferences

The screenshot shows the Oracle Requisitions application interface. On the left, there's a sidebar with 'Recent Requisitions' listing items like PR10156, PR10155, PR10154, PR10153, and PR10152. Below the sidebar are links for 'Activators & Appliers' and 'Amazon'. The main panel is titled 'Edit Requisition Preferences' under 'Requisitioning BU - US1 Business Unit'. It has sections for 'Shipping and Delivery' (Requester: student, scm10, Deliver-to Location Type: Internal, Deliver-to Location: Seattle, Deliver-to Address: 411 University Street, Seattle, WA 98101, King, United States, Destination Type: Inventory, SubInventory: Minmax Sub), 'Billing' (Project Number, Task Number, Expenditure Type, Expenditure Organization, Contract Number, Funding Source), 'Projects' (Project Number, Task Number, Expenditure Type, Expenditure Organization, Contract Number, Funding Source), and 'Favorite Charge Accounts' (Primary, Nickname, Charge Account). A 'Delete' button is visible in the 'Favorite Charge Accounts' section.

Save a and close

The screenshot shows the Oracle Overview application interface. On the left, there's a sidebar with 'Search Results' and a table of actions. The main panel is titled 'Schedule New Process'. It shows a list of processes: 'Print Min-Max Planning Report', 'Index Active Meta Model Vers...', 'Update References for Entity', and 'Update References for Entity'. A modal dialog titled 'Schedule New Process' is open, showing fields for 'Name' (Process Supply Chain Orchestration Interface), 'Description' (Creates supply orders based on Supply Chain Orchestration Interface records), and 'Type' (Job). Buttons for 'OK' and 'Cancel' are at the bottom right of the dialog.

The screenshot shows the Oracle Overview application interface. On the left, there's a sidebar with 'Search Results' and a table of actions. The main panel is titled 'Process Details'. A modal dialog titled 'Process Details' is open, showing basic options for a process named 'Process Supply Chain Orchestration Interface'. It includes fields for 'Supply Request System' (Oracle Fusion Inventory Management), 'Organization', 'From Supply Request Batch Number', 'To Supply Request Batch Number', 'From Supply Request Date' (m/d/yy h:mm a), 'To Supply Request Date' (m/d/yy h:mm a), and 'Batch Size'. Buttons for 'Process Options', 'Advanced', 'Submit', and 'Cancel' are at the top right of the dialog. A message at the top left says 'This process will be queued up for submission at position 1'. The background shows a list of recent submissions.

Enter the Supply Request System and click on Submit

The screenshot shows a process execution log for the "Process Supply Chain Orchestration Interface". The process ID is 7677075 and its status is "Succeeded". The log details the execution steps: Refresh Access Control Data, Resubmit Undelivered Signals, and Generate Relevancy Feed. The log also shows parameter values for the Supply Request System, including organization and batch size.

| Name | Metadata Name | Process ID | Status | Scheduled Time | Submission Time | Completion Time | Submitted By | Submission Notes | Start Time |
|-----------------------------------|------------------------------|------------|-----------|---------------------|---------------------|---------------------|--------------------|-------------------------|---------------------|
| Process Supply Chain Orchestrator | ProcessSupplyOrderInterface | 7677075 | Succeeded | 3/16/25 6:30 AM UTC | 3/16/25 6:30 AM UTC | 3/16/25 6:31 AM UTC | SCM10 STUDENT | | 3/16/25 6:31 AM UTC |
| Refresh Access Control Data | RefreshAccessControlData | 7677074 | Wait | 3/16/25 7:30 AM UTC | 3/16/25 6:30 AM UTC | | FUSION_APPS_CRM... | Refresh Access Data ... | |
| Resubmit Undelivered Signals | ResubmitUndeliveredSignal... | 7677070 | Wait | 3/16/25 6:39 AM UTC | 3/16/25 6:29 AM UTC | | FUSION_APPS_CRM... | Resubmit Undelivered... | |
| Generate Relevancy Feed | UserContextRelevancyFee... | 7677069 | Wait | 3/16/25 7:28 AM UTC | 3/16/25 6:29 AM UTC | | JOHN DUNBAR | Generate_Relevancy... | |

It got succeeded.

The screenshot shows the same process execution log as before, but with a larger window focusing on the log output. The log details the execution steps and shows the input parameters for the "LoadSupplyOrderService" invocation, including the organization and batch size. The log also shows the list of interface batch numbers processed, which includes the string "MINMAX7677032".

```

#####
[2025-03-16T06:31:06.431+00:00] [INFO] Input Parameters -->
SupplyOrderSource= INV
Organization=null
fromBatchNumber= null
toBatchNumber= null
fromSupplyRequestToDate= null
toSupplyRequestToDate= null
BatchSize= 0
LoadSupplyOrderService invoked successfully
#####
[2025-03-16T06:31:14.392+00:00] [INFO] List of Interface Batch Numbers Processed: [MINMAX7677032]
=====Response from the LoadSupplyOrderService=====
<env:Body xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <ns0:prepareProcessBatchAsynResponse xmlns:ns0="http://xmlns.oracle.com/ams/scm/dcs/supplyRequesterComposition/supplyRequestInterface/supplyInterfaceService/types/">
    Lnt Col 1 1942 characters
  100% Unix (LF) UTF-8

```

We can able to see the Batch number in the attachment

MINMAX7677032

Click on manage Supply lines

PR is Created

PR10160

Supply Order Details: 300000276632536

Request Source: Oracle Fusion Inventory Management
 Request Reference: MINMAX7677032
 Request Date: 3/16/25 6:07 AM

Status: Closed
 Attachments: None
 Notes:

Supply Lines

| Line | Supply Type | Item | Item Category | Description | Requested Quantity | Fulfilled Quantity | UOM | Status | Supply Source | Supply Destination | Requested Delivery Date | Customer | Sales Or |
|------|-------------|------------|---------------|-------------|--------------------|--------------------|-----|----------|---------------|--------------------|-------------------------|----------|----------|
| 1 | Buy | Min_max-PR | Min_max-PR | Min_max-PR | 2,000 | | Ea | Closed | | | 4/1/25 11:59 PM | | |
| 1.1 | Buy | Min_max-PR | Min_max-PR | Min_max-PR | 2,000 | | Ea | Complete | Seattle | | 4/1/25 11:59 PM | | |
| 2 | Buy | Min_max-PR | Min_max-PR | Min_max-PR | 8,000 | | Ea | Closed | | | 4/1/25 11:59 PM | | |
| 2.1 | Buy | Min_max-PR | Min_max-PR | Min_max-PR | 8,000 | | Ea | Complete | Seattle | | 4/1/25 11:59 PM | | |

2.1: Line Details

Orchestration Plan Execution Documents **Buy** Make Transfer On Hand

| Actions ▾ View ▾ Format ▾ | Cancel Supply Line | Freeze | Detach | Wrap | | | |
|---------------------------|----------------------|------------|------------------|----------|----------|-----|---------|
| Document Number | Document Type | Item | Item Description | Revision | Quantity | UOM | Status |
| PR10160 | Purchase requisition | Min_max-PR | Min_max-PR | | 8,000 | Ea | Created |

This is the way we can find the purchase requisition number.

fa-eqne-dev26-saasdemo1.ds-fa.oracledemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=bj98qapf_903

Manage Requisitions

Search Results

| Requisitioning BU | Requisition | Description | Entered By | Creation Date | Approval Amount | Status | Funds Status | Procurement Card | Order | Order Status | Emergency Purchase Order |
|-------------------|-------------|-----------------|----------------|---------------|------------------|----------|--------------|------------------|-------|--------------|--------------------------|
| US1 Business Unit | PR10160 | 300000276632536 | student, scm10 | 3/16/25 | 1,642,500.00 USD | Approved | | | | | |

Requisitioning BU: US1 Business Unit
 Entered By: student, scm10
 Description: 300000276632536
 RT_Catagory: Office City
 Creation Date: 3/16/25
 Status: Approved
 Justification: SCO
 Import Source: SCO
 Approval Amount: 1,642,500.00 USD
 Funds Status: None
 Procurement Card: None
 Order: None
 Order Status: None
 Emergency Purchase Order: None

Requisition Lines

| Line | Line Type | Item | Revision | Description | Category Name | Cost Center | UNSPSC | Quantity | UOM | Secondary Quantity | Secondary UOM | Price | Pric |
|------|-----------|------------|----------|-------------|---------------|-------------|--------|----------|-----|--------------------|---------------|------------|------|
| 1 | Goods | Min_max-PR | | Min_max-PR | Miscellaneous | 000 | | 8,000 | Ea | | | 150.00 USD | |
| 2 | Goods | Min_max-PR | | Min_max-PR | Miscellaneous | 000 | | 2,000 | Ea | | | 150.00 USD | |

Rows Selected: 1

Line 1: Details

Requester: student, scm10
 Requested Delivery Date: 4/1/25
 Deliver-to Location Type: Internal
 Deliver-to Location: Seattle
 Destination Type: Inventory
 SubInventory: Minmax Sub
 Buyer: Calvin Roth
 Suggested Supplier:
 Supplier Item:
 PO Date:

Billing

Requisition created successfully through Min-Max Planning program