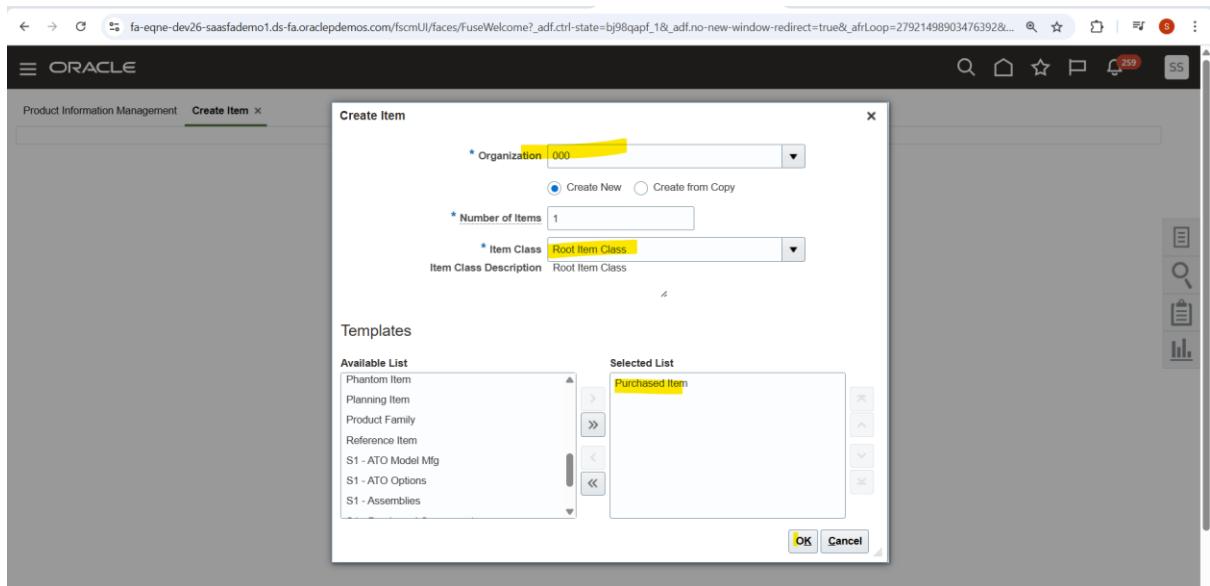


## Min Max Planning at Purchase Requisition: -

### 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&...](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 +

Type: supplier

Click on Done

## 3. Run Min-Max Planning Report

[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...](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_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...](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...](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	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
--------	-----------	----------------	---------------------	-------------------	---------	---------------------	----

**Log:**

Attachment: ESS\_L\_7677032

**Output:**

**Output & Delivery:**

- XML Data
- Diagnostic Log
- Republish

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

**Report Output:**

**Min-Max Report**

Report Date: 3/16/25 6:08 AM

**Report Parameters:**

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
Ship-to Location	Restock
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	From Planner
To Planner	
Net WIP Demand	Yes
Include WIP Supply	Yes
Include Subinventories	Yes
Without On-Hand Quantities	
Batch Name	MINMAX7677032

**Report Output:**

**Min-Max Report**

Report Date: 3/16/25 6:08 AM  
Page 1 of 1

Item	Item Description	Sort By	Minimum Quantity	Maximum Quantity	On-Hand Quantity	Supply Quantity	Demand Quantity	Available Quantity	Minimum	Order Quantity Maximum	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

End of Report

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 f 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 f 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 content area is titled 'Edit Requisition Preferences' under 'Requisitioning BU - US1 Business Unit'. It contains 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 content area 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 box titled 'Schedule New Process' is open, showing fields for 'Name' (Process Supply Chain Orchestration Interface), 'Type' (Job), 'Description' (Creates supply orders based on Supply Chain Orchestration Interface records), and 'OK' and 'Cancel' buttons.

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 content area is titled 'Process Details'. 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 box titled 'Process Details' is open, showing fields for 'Name' (Process Supply Chain Orchestration Interface), 'Description' (Creates supply orders based on Supply Chain Orc...), 'Schedule' (As soon as possible), 'Submission Notes' (checkbox for 'Notify me when this process ends'), and 'OK' and 'Cancel' buttons. The background shows a list of processes with columns for 'Submitted By', 'Submission Notes', and 'Start Time'.

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