

The following steps are to define the user on the Oracle Application

First: from sys. admin application submenu named

Security > Users > define. Now we can define username and set primary password

Company Users (USF.G4)

Oracle Applications - ERP NEXT

File Edit View Folder Tools Window Help

Navigator - System Administrator

Functions Documents

Users

User Name: **USF.G4**

Password:

Description: **United Iron & Steel Company**

Status: **Active**

Password Expiration:

- ☐ Days
- ☐ Accesses
- ☒ None

Effective Dates:

From: **06-04-2025**

To:

Person:

Customer:

Supplier:

E-Mail:

Fax:

Direct Responsibilities

Responsibility	Application	Description	Security Group	Effective Dates
Inventory, Vision Operator	Inventory		Standard	From: 06-04-2025 To:
General Ledger, Vision Op	General Ledger		Standard	From: 06-04-2025 To:
Global HRMS Manager	Human Resources		Standard	From: 06-04-2025 To:
System Administration, Vis	System Administration		Standard	From: 06-04-2025 To:

Open

Record: 1/1

<OSC>

The following steps are to define the Responsibility on the Application

First: from sys. admin application submenu named

Security > Responsibility > define. Now we can define the Responsibilities Correctly.

Oracle Applications - ERP NEXT

File Edit View Folder Tools Window Help

Navigator - System Administrator

Functions Documents

Security Responsibility Define

Responsibilities

Responsibility Name: **Inventory, Vision Operation (USA)**

Application: **Inventory**

Responsibility Key: **INVENTORY_VISION_OPERATIONS**

Description: **Inventory, Vision Operation (USA)**

Effective Dates:

From: **09-11-2024**

To:

Available From:

- ☒ Oracle Applications
- ☐ Oracle Self Service Web Applications
- ☐ Oracle Mobile Applications

Menu: **INV_NAVIGATE**

Web Host Name:

Web Agent Name:

Data Group:

Name: **Standard**

Application: **Inventory**

Request Group:

Name: **All Inclusive GUI**

Application: **Inventory**

Menu Exclusions

Type	Name	Description
Function		

Open

Record: 1/1

<OSC>

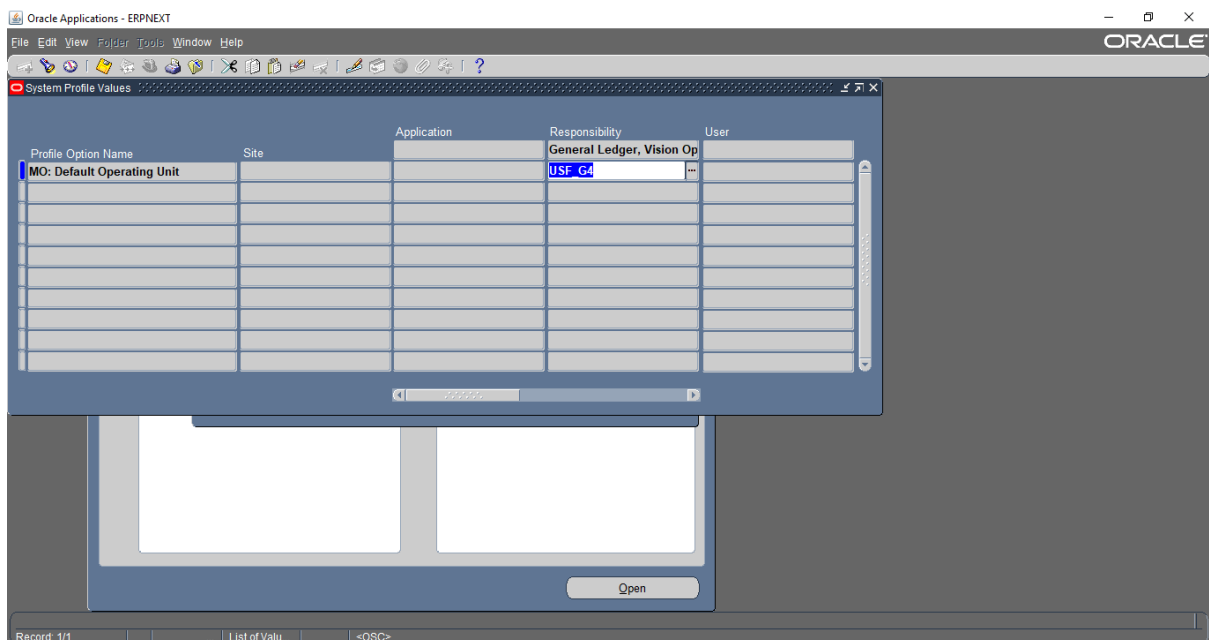
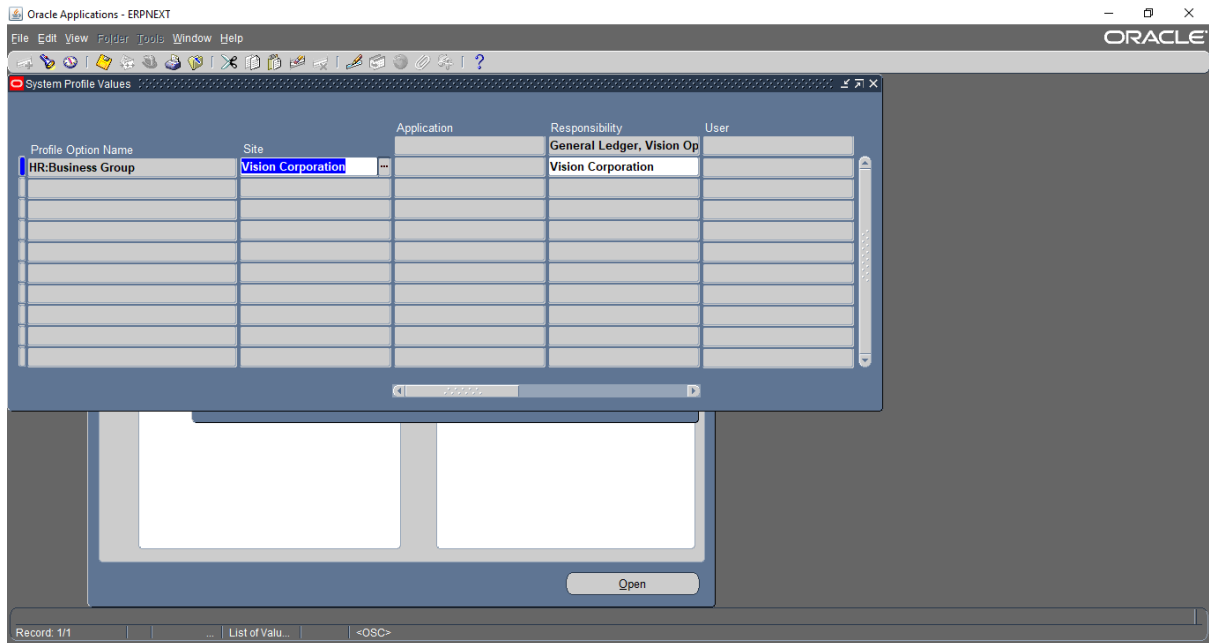
Profile Options > (General Ledger Vision Operation - GL: Data Access set – HR: Business Group – HR: User Type – MO: Security Profile – MO: Default Operating Unit – GL: Ledger ID).

The screenshot displays the Oracle Applications - ERPNext web interface. At the top, there's a navigation bar with menu items: File, Edit, View, Folder, Tools, Window, Help. Below this is a toolbar containing various icons for file operations like copy, paste, delete, etc. The main content area shows a window titled "System Profile Values". This window contains a table with five columns: Profile Option Name, Site, Application, Responsibility, and User. The first row of data is highlighted, showing "GL: Data Access Set" under Profile Option Name, "Vision Operations (USA)" under Site, and "General Ledger, Vision Op" and "Vision Operations (USA)" under Responsibility. The User column is currently empty. Below the table, there are two large white rectangular areas, likely placeholders for additional information or related windows. An "Open" button is visible at the bottom right of the main content area. The status bar at the very bottom indicates "Record: 1/1" and provides links to "List of Valu..." and "<OSC>".

Profile Option Name	Site	Application	Responsibility	User
GL: Data Access Set	Vision Operations (USA)		General Ledger, Vision Op Vision Operations (USA)	

Open

Record: 1/1 | List of Valu... | <OSC>



The following steps are to define the Locations of the Inventory Organization

First: from Human Resource (HR) application sub menu named

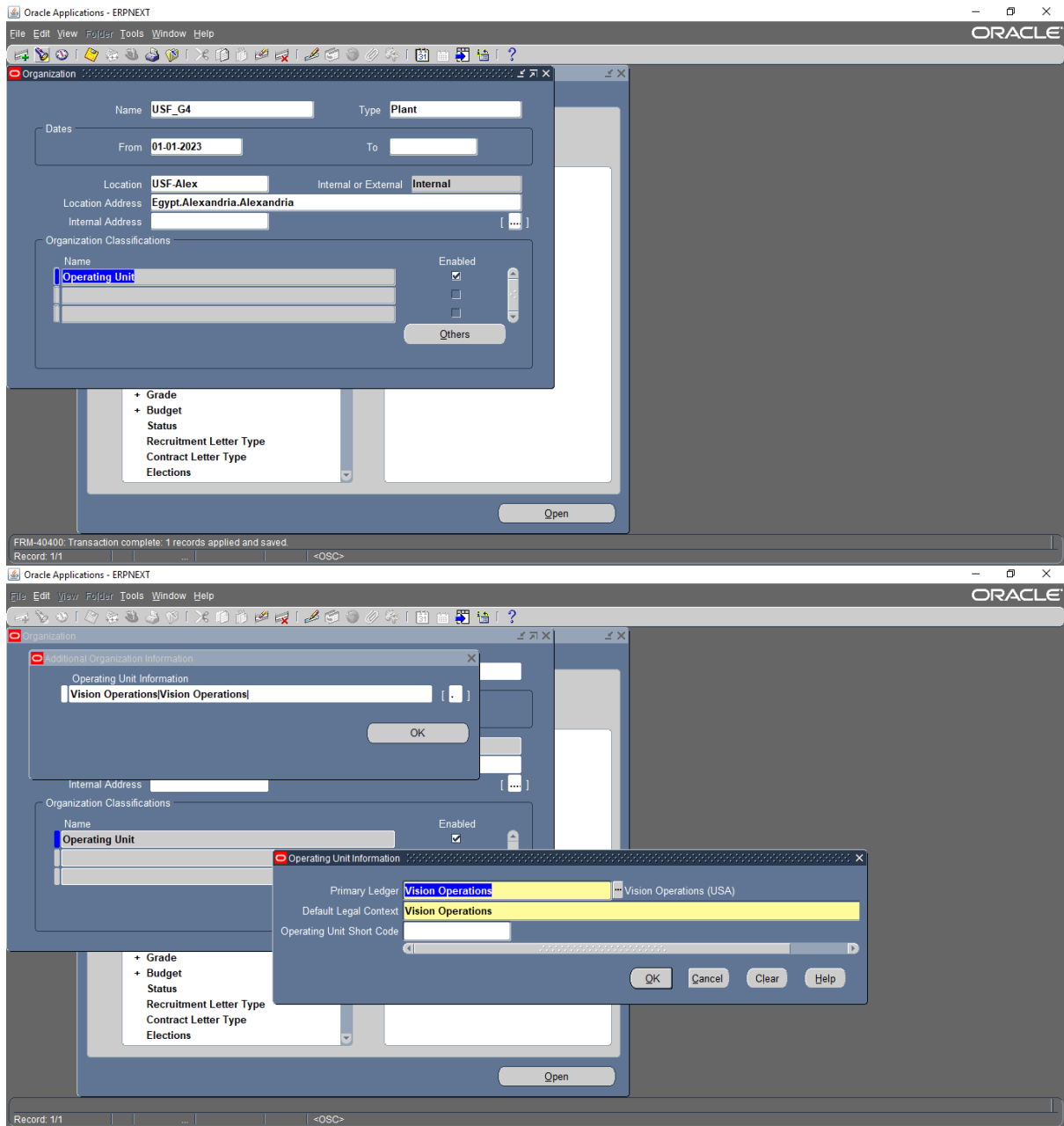
Work Structure > Location > Enter your location, now we defined the inv. Locations correctly.

The screenshot shows the Oracle Applications - ERP NEXT interface. The main window is the 'Location' form, which has tabs for 'Address Details', 'Shipping Details', and 'Other Details'. The 'Address Details' tab is active, showing fields for 'Name' (USF-Alex), 'Description' (United Steel OU), 'Inactive Date', 'Legal Address', 'Address Style' (Egypt), 'Address', and 'Timezone'. A 'Location Address' dialog box is open over the main form, with fields for 'Country' (Egypt), 'City' (Alexandria), and 'Address' (Alexandria). The dialog box has buttons for 'OK', 'Cancel', 'Clear', and 'Help'. The main form also has a 'Scope' section with 'Global' and 'Local' radio buttons, and a 'Calendar Events' section with a dropdown menu showing 'Calendar Events', 'Checklists', and 'Work Schedules'. The status bar at the bottom shows 'Record: 1/1' and '<OSC>'.

The following steps are to define the operating unit from HR Application.

- 1- From HR Application, select HRMS Responsibility.
- 2- Navigate to work Structures > Organization > Descriptions.
- 3- Click New to create a new Organization.
- 4- In the organization name we shall entre org name (USF- G4)
- 5- In the organization short name entre (USF)
- 6- In the classification field select operating unit
- 7- From Others > accounting information > General Ledger > Vision operation and legal entity "Vision Operation". Then Save the changes

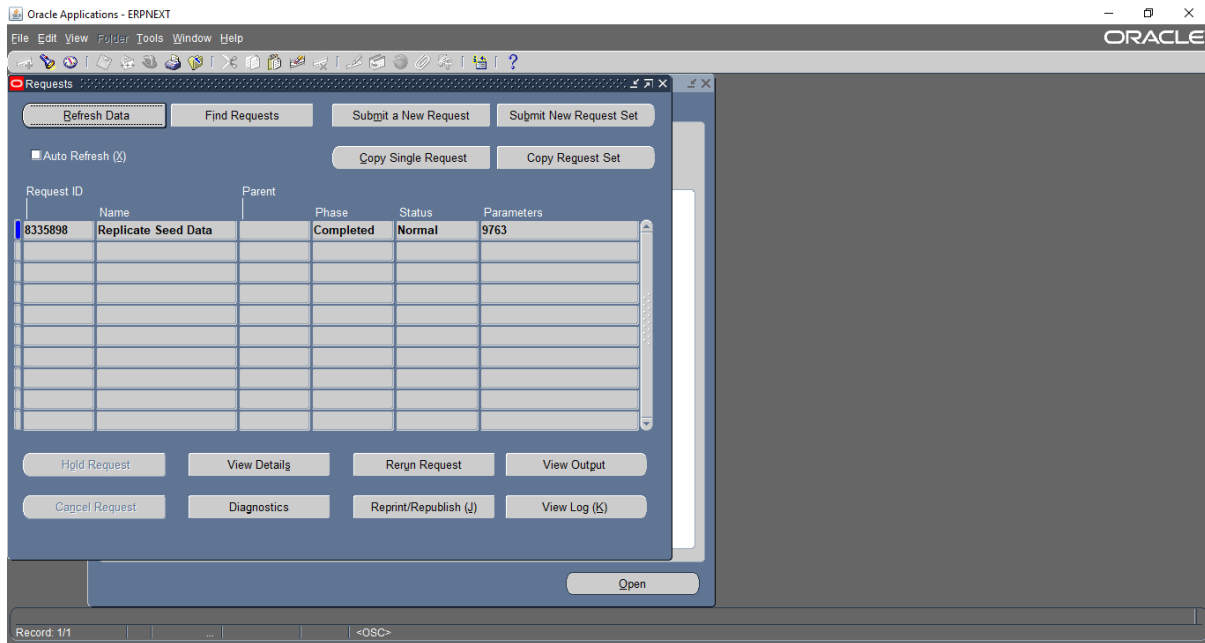
The screenshot shows the Oracle Applications - ERP NEXT interface with the 'Submit Request' dialog box open. The dialog box has a 'Run this Request' section with fields for 'Name' (Replicate Seed Data), 'Operating Unit' (USF_G4), 'Parameters' (American English), and 'Language' (American English). There are buttons for 'Copy', 'Language Settings', and 'Debug Options'. Below this is the 'At these Times' section with a 'Run the Job' field set to 'As Soon as Possible' and a 'Schedule' button. The 'Upon Completion' section has checkboxes for 'Save all Output Files' (checked) and 'Burst Output' (unchecked). There are fields for 'Layout', 'Notify', and 'Print to' (set to 'noprint'), along with buttons for 'Options' and 'Delivery Opts'. At the bottom are buttons for 'Help (C)', 'Submit', and 'Cancel'. The status bar at the bottom shows 'Record: 1/1' and '<OSC>'.



The following steps are to running request: Replicate Seed Data

Steps

1. From Sys. Admin Application > System administrator Responsibility
2. Navigate to View > requests > Submit New Request
3. In the Request Window search for Replicate Seed Data.
4. Select it from the available Requests
5. Entre (Operating) parameters for the seed data replication
6. Submit the request
7. After the submission, check the request status from (Find).
8. After the completion review the log for and errors or conformations



The following steps are to setting up inventory organizations and linking them to the operating unit.

Steps

1. From inventory application > Inventory Responsibility
2. Setup > Organizations > Organizations
3. Create a New Inventory Organization
4. Fill The name field and link it to the corresponding Operating unit and location.
For main OU (USF)
Alexandria Inventory
October Inventory
New Capital Inventory
5. In the Organization Classification field, select Inventory Organization
6. From Others > Accounting Information > General Ledger “Vision operations” and Legal Entity “Vision operations”
7. In the operating unit filed > Select our Operating unit (USF). Then SAVE

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The following steps are to setting up inventory Parameters

Steps

1. From Inventory Application > select Inventory Responsibility
 2. Setup > Organizations > Organizations
 3. Select The inventory we will Configure
 4. Click other > inventory information
 5. Set other parameters: (Inventory parameters, Costing information,...)
- a) Inventory Parameters
- Move order Timeout action Field (Approve automatically: the requestion is approved)

- Select a locator control option: determine it at sub inventory level for spare parts sub inventory only
- b) **Costing Information**
 - We use average costing method
 - Transfer to GL >> indicate whether all transactions are posted in detail to the general ledger even it will increase general ledger posting times due to the number of records created.
- c) **Revision, Lot, Serial, LPN parameters**
 - Select an option for lot number uniqueness (None)
 - Select an option for lot number generation (at item Level)
- d) **ATP, Pick, Item-Sourcing Parameters**
- e) **Inter-Org Information**
- f) **Other accounts**
- g) **Save all**

Oracle Applications - ERP NEXT

Organization Parameters (USF)

Inventory Parameters | Costing Information | Revision, Lot, Serial And LPN | ATP, Pick, Item-Sourcing

Organization Code: USF

Item Master Organization: Vision Operations

Calendar: Vision01

Demand Class:

Move Order Timeout Period: 1

Move Order Timeout Action: Approve automatically

Locator Control: Determined at Subinventory le...

Default On-Hand Material Status: GOOD

☐ Enforce Locator Alias Uniqueness

☒ Quality Skipping Inspection Control

☒ Allow Negative Balances

☐ Auto Delete Allocations at Move Order Cancel

Enabled Products & Features

☐ Manufacturing Partner Organization

Type:

☐ Process Manufacturing Enabled

☐ EAM Enabled

☐ WMS Enabled

☐ WCS Enabled

☐ LCM Enabled

☐ eKanban Enabled

EAM Organization: EM1 Seattle Maintenance

Capacity

Load Weight:

Volume:

UOM:

UOM:

Record: 1/1

<OSC>

Oracle Applications - ERP NEXT

Organization Parameters (USF)

Inventory Parameters | Costing Information | Revision, Lot, Serial And LPN | ATP, Pick, Item-Sourcing

Costing Organization: USF G4

Costing Method: Standard

Rates Cost Type:

Transfer to GL: Yes

☐ Reverse Encumbrance

☒ Project Cost Collect. Enabled

☐ Defer Logical Transactions

Cost Cutoff Date:

Default Material Sub-Element:

Material Overhead Sub-Element:

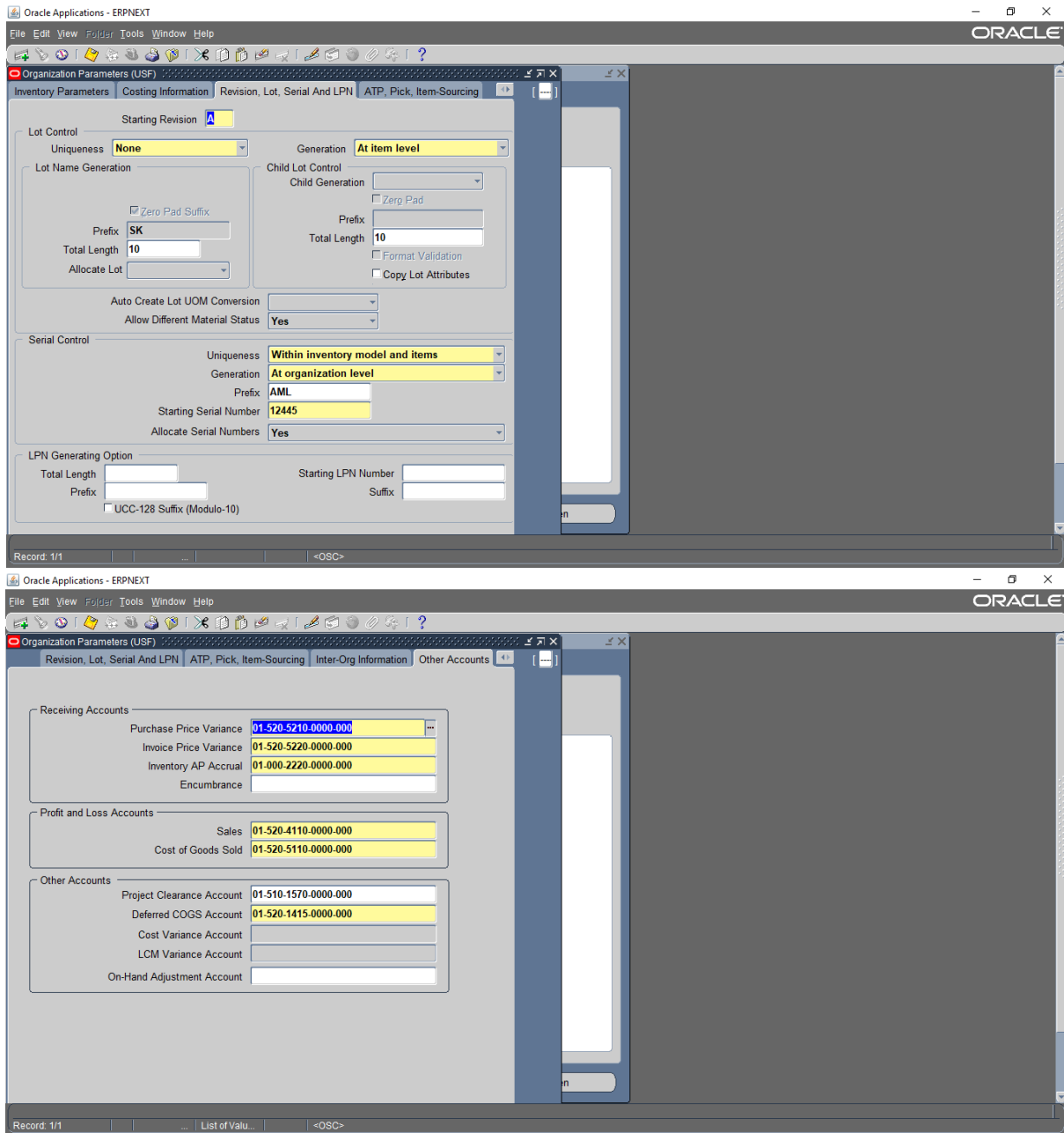
Default Cost Group: CG-85519

Valuation Accounts

Material	01-000-1410-0000-000
Outside Processing	01-000-1450-0000-000
Material Overhead	01-000-1420-0000-000
Overhead	01-000-1430-0000-000
Resource	01-000-1440-0000-000
Expense	01-520-7530-0000-000

Record: 1/1

<OSC>



The following steps are to setting a working Calendar for the inventory

Steps

1. From inventory Application > Inventory Responsibility > Setup > Organizations > Calendars
2. Click Create a new calendar > name the calendar and specify the quarterly year "4/4/5"
3. Define Working Days and set basic holidays > save
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The following steps are to adding Official Holidays in exception list

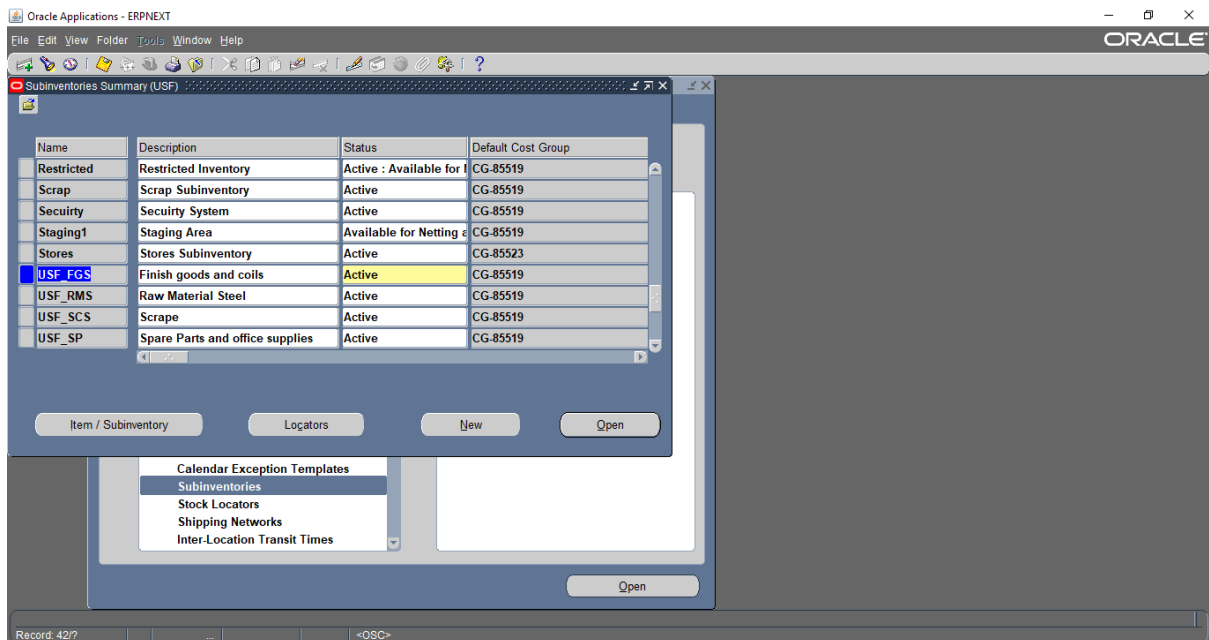
Steps

1. From inventory Application > Inventory Responsibility > Setup > Organizations > Calendars > Exception templates
 2. Create a New Exception Template > Name the Exception Template > Go to Calendar Dates tab.
 3. Add Official holidays dates (Public holidays, national celebrations,) > Save
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The following steps are to defining Sub inventories

Steps

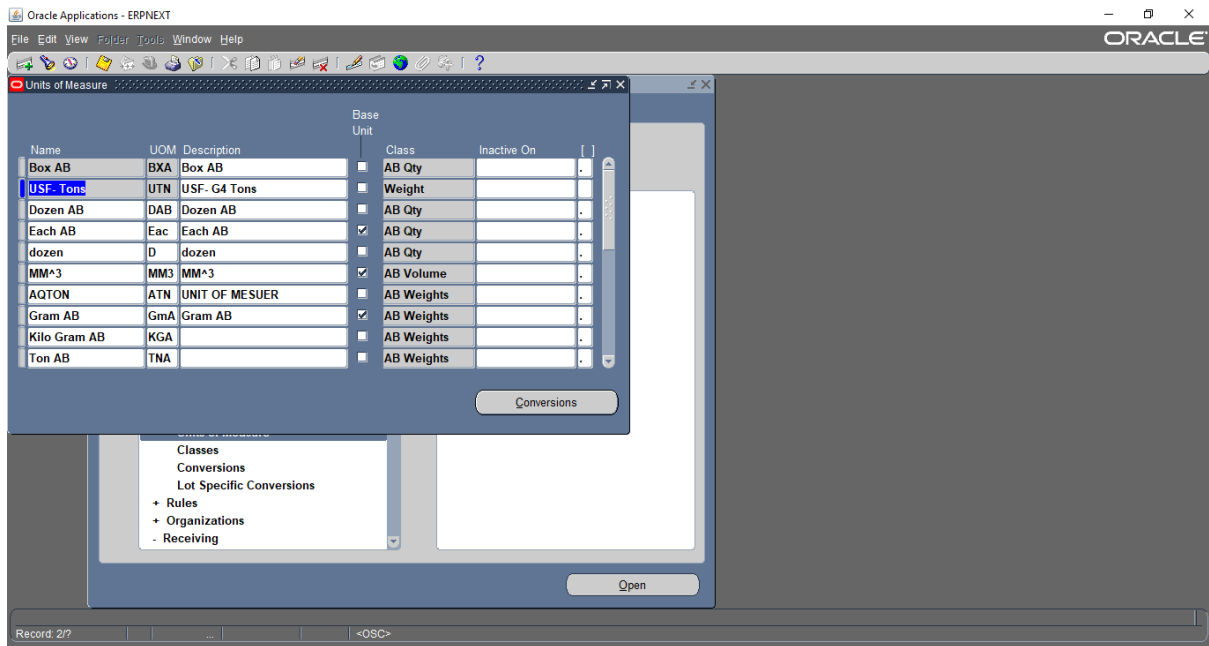
1. From inventory Application > Inventory Responsibility > Setup > Organizations > sub inventories > Create new sub inventory > fill the parameters.
2. General Parameters Tab:
 - Name: unique Identifier for the sub inventory like “RM”
 - Description: Meaningful name for the sub inventory Like Alexandria’s RAW Material Sub inventory.
 - Set it to active and define the cost group
 - Define the inventory type (Storage or Receiving)
 - Decide which type to Locator control will be used with the sub inventory
 - Accounting information: Inherited from the inventory Organization Parameters, then Save all



The following steps are to defining units of measures (UOM)

- From inventory Application > Inventory Responsibility > Setup > unit of measures > unit of measure
- Select a new UOM > fulfill these details

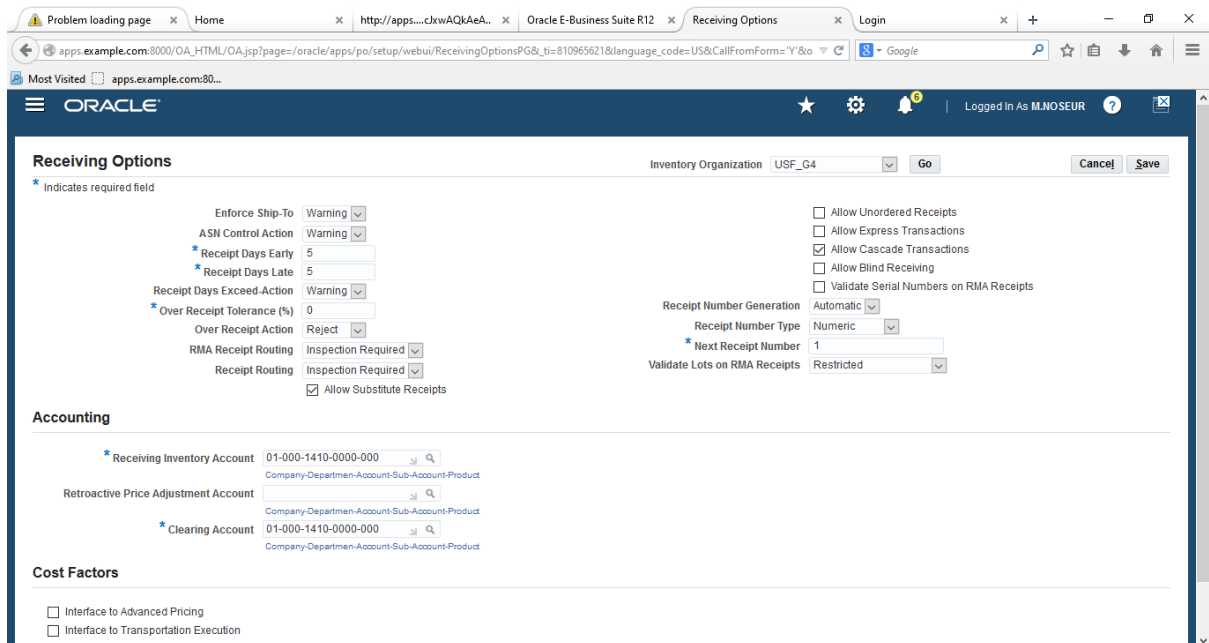
- UOM Code > UOM name > Base UOM > UOM Class > SAVE



The following steps are to defining Receiving options

To setup receiving options to the inventory organizations from the inventory application

Setup > Receiving > Receiving > SAVE



Creating Items>>>

Item Code: WR01

Description:

Item Creation step:

From inventory Application > Inventory Responsibility> Items> Master Items

- Choose a unique code for each item carefully (WR01)
- Description should be meaningful enough (Ezz Steel AISI 1006)
- Choose the Main unit of measure where it be (Ton) and set it to be active
- Inventory tab > make it:
 - inventory item: used for Inventory tracking
 - Stackable: can be stocked and maintained
 - Reservable: can be reserved
 - Transactable: can be moved and transferred
 - revision controlled: will support version tracking and revision history
 - We will not use Lot control for Steel coils
 - Serial number control will be predefined
- Enable costing
- Purchasing tab: it must be
 - Purchased: allow the item to be used in purchasing order (PO)
 - Purchasable: allow the item to be selected in purchasing order
 - Allow description update: all users can update the item description
- Order Management tab:
 - Customer Ordered: can be used in Sales orders
 - Shippable: able to be shipped
 - Internal Ordered: can be included in internal orders
 - Returnable: can be returned
 - RMA Inspection required: ensures that the returned items must go through quality check before returned.
- Invoicing Tab:
 - Invoiceable: the item can be in customer invoice
 - Invoice Enable: can be processed in Oracle receivables

Oracle Applications - ERP/INTEG

Oracle Applications - ERP/INTEG

File Edit View Folder Tools Actions Window Help

Master Item (V1)

Organization V1 Vision Operations

Item WR01

Description Steel Rod AISI 1006 6.00 mm

Display Attributes

Master Org All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

☒ Inventory Item ☒ Stockable ☒ Transactable

☒ Revision Control (D) ☒ Reservable (G) ☐ Check Material Shortage

Lot Expiration (Shelf Life)

Control No Control

Shelf Life Days 0

Retest Interval

Expiration Action Interval

Expiration Action

Lot

Control No Control

Starting Prefix

Starting Number

Maturity Days

Hold Days

Cycle Count Enabled

Negative Measurement Error

Positive Measurement Error

Serial

Generation No Control

☐ Serial Tagging Enabled

Starting Prefix

Starting Number

Grade Controlled

Default Grade

Material Classification Type

Material Classification Control No Control

Locator Control No Control

☐ Restrict Subinventories ☐ Restrict Locators (J)

FRM-40400: Transaction complete: 1 records applied and saved

Record: 1/1

<OSC>

Oracle Applications - ERPNEXT

File Edit View Folder Tools Actions Window Help

Master Item (V1)

Organization: V1 Vision Operations
Item: WR01
Description: Steel Rod AISI 1006 6.00 mm

Display Attributes: Master Org All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Costing Enabled
Inventory Asset Value
Include In Rollup

Cost of Goods Sold Account: 01-510-5110-0000-000
Standard Lot Size: 1

Record: 1/1 <OSC>

Oracle Applications - ERPNEXT

File Edit View Folder Tools Actions Window Help

Master Item (V1)

Organization: V1 Vision Operations
Item: WR01
Description: Steel Rod AISI 1006 6.00 mm

Display Attributes: Master Org All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Purchased Allow Description Update Outside Processing Item Unit Type RFQ Required Taxable Input Tax Classification Code

Purchasable Use Approved Supplier Outsourced Assembly Invoice Matching Receipt Required Inspection Required

Default Buyer: DOAA.M.T. Unit of Issue
Receipt Close Tolerance % Invoice Close Tolerance %
UN Number Hazard Class
List Price Market Price
Price Tolerance: 0 % Rounding Factor
Encumbrance Account
Expense Account: 01-510-7530-0000-000
Asset Category

Record: 1/1 <OSC>

Oracle Applications - ERPNEXT

File Edit View Folder Tools Actions Window Help

Master Item (V1)

Organization: V1 Vision Operations
Item: WR01
Description: Steel Rod AISI 1006 6.00 mm

Display Attributes: Master Org All

Lead Times Work In Process Order Management Invoicing Process Manufacturing Service Web Option

Customer Ordered Internal Ordered Pick Components Assemble to Order Ship Model Complete

Customer Orders Enabled Internal Orders Enabled Check ATP ATP Rule ATP Components Picking Rule Default Shipping Organization Default SO Source Type Shipping Subinventory Charge Periodicity

Shippable OE Transactable

Returnable RMA Inspection Required Financing Allowed

Tolerances: Over Shipment Under Shipment Over Return Under Return

Record: 1/1 <OSC>

Oracle Applications - ERPNEXT

File Edit View Folder Tools Actions Window Help

Master Item (V1)

Organization: V1 Vision Operations

Item: WR01

Description: Steel Rod AISI 1006 6.00 mm

Display Attributes: Master Org All

Lead Times Work In Process Order Management Invoicing Process Manufacturing Service Web Option

☒ Invoiceable Item
☒ Invoice Enabled

Accounting Rule

Invoicing Rule

Output Tax Classification Code

Sales Account: 01-510-4110-0000-000

Payment Terms

Record: 1/1

Oracle Applications - ERPNEXT

File Edit View Folder Tools Actions Window Help

Master Item (V1)

Item: WR01 Steel Rod AISI 1006 6.00 mm

Organization Assignment

Unit of Measure

Org	Name	Primary	Tracking	Pricing	Assigned
V1	Vision Operations	Ton	Primary	Primary	<input checked="" type="checkbox"/>
M1	Seattle Manufacturing	Ton	Primary	Primary	<input checked="" type="checkbox"/>
M2	Boston Manufacturing	Ton	Primary	Primary	<input checked="" type="checkbox"/>
USF	USF_G4	Ton	Primary	Primary	<input checked="" type="checkbox"/>
B1	Northwest Electronic Supply	Ton	Primary	Primary	<input type="checkbox"/>
B2	Discount SuperStore-Atlanta	Ton	Primary	Primary	<input type="checkbox"/>
CD	Central Depot	Ton	Primary	Primary	<input type="checkbox"/>
CWH	Central Warehouse - Field Se	Ton	Primary	Primary	<input type="checkbox"/>
D1	Singapore Distribution Center	Ton	Primary	Primary	<input type="checkbox"/>
D2	Seattle Distribution Center	Ton	Primary	Primary	<input type="checkbox"/>
DWH	Collection Warehouse for Def	Ton	Primary	Primary	<input type="checkbox"/>
E11	E11	Ton	Primary	Primary	<input type="checkbox"/>
E21	E21	Ton	Primary	Primary	<input type="checkbox"/>

Org Attributes Unassign All Assign All

Record: 1/2

The following steps are to create shipping Net work

From inventory application

Setup>Organizations> Shipping Networks> create shipping Network and make it inter Organization transfer

Oracle Applications - ERP/NET

File Edit View Folder Tools Window Help

Shipping Networks (USF)

Organization **USF** **USF_G4** Find

Scope From or To Organization:

Shipping Networks

Main Transfer, Distance Primary Accounts Secondary Accounts Other Accounts Subcontracting Transfer Price

Organization

From	To	Transfer Type	Elemental Visibility Enabled	Manual Receipt at Expense Destination	Receipt Routing	Internal Order Required
B1	USF	Intransit	Receipt	<input type="checkbox"/>	Direct	<input type="checkbox"/>
D1	USF	Intransit	Receipt	<input type="checkbox"/>	Standard	<input checked="" type="checkbox"/>
D2	USF	Intransit	Receipt	<input type="checkbox"/>	Standard	<input type="checkbox"/>
DWH	USF	Intransit	Receipt	<input type="checkbox"/>	Direct	<input type="checkbox"/>
FST	USF	Intransit	Receipt	<input type="checkbox"/>	Direct	<input type="checkbox"/>
H1	USF	Intransit	Receipt	<input checked="" type="checkbox"/>	Direct	<input type="checkbox"/>
M2	USF	Intransit	Receipt	<input type="checkbox"/>	Inspection	<input type="checkbox"/>

Organization Name

From Northwest Electronic Supply

To USF_G4

New Open

+ Financials Lookups

Open

FRM-40100: At first record.
Record: 1/20 ... <OSC>