Graduation Project Presentation

Track: Oracle Digital Accounting Specialist

Cash Management Operations and Reporting in Oracle ERP

Track: Management and ERP

Prepared By: NEXT20 _ONL1_ERP1_M2d

- > Ahmed Omar Mohamed Hashem
- > Ibrahim Mohamed Saber
- Esraa Nabil Mohamed
- Mohamed Abd El Hafeez Ahmed
- Manar Mohamed Ibrahim
- > Nada Abdulrahman Fikri

Supervisor: ENG. Ahmed Maged

Goals of the project



The main goals of this project are to provide hands-on experience in managing cash transactions and reporting in Oracle ERP's Cash Management module.



- ✓ Create and Manage Bank Accounts: Learn how to set up and manage bank accounts in Oracle ERP, ensuring accurate entry of account details.
- ✓ Record and Manage Cash Transactions: Develop the ability to record manual cash transactions, such as deposits and transfers, and track their impact on cash balances.
- ✓ Cash Forecasting: Build a basic cash forecasting model to
 estimate future cash balances based on historical data and adjust
 forecasts as needed.

Project Description

This project is designed to provide practical experience in managing cash operations and reporting in the Oracle ERP Cash Management module.

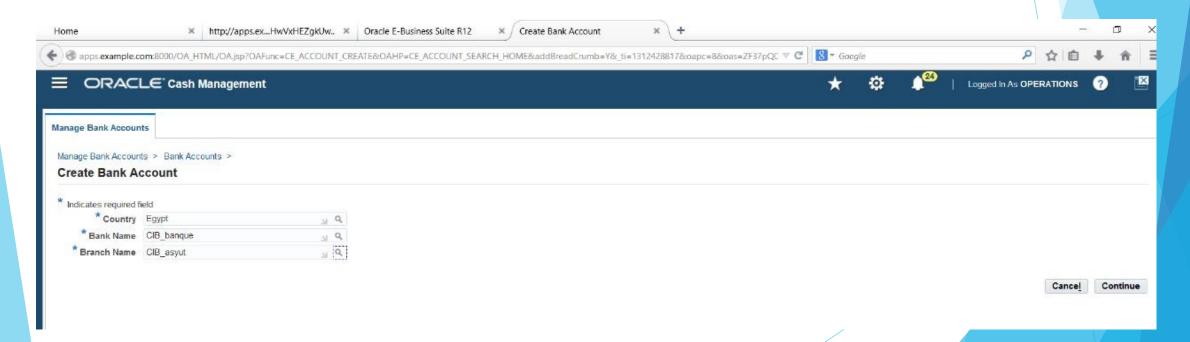
Through tasks like bank account setup, cash transactions, bank transfers, forecasting, reconciliation, and cash positioning, the user will learn the entire process of managing an organization's cash flow effectively.



- 1. Learn how to create and manage bank accounts in Oracle ERP
- 2. Enter key bank details, including account number, currency, and bank branch information

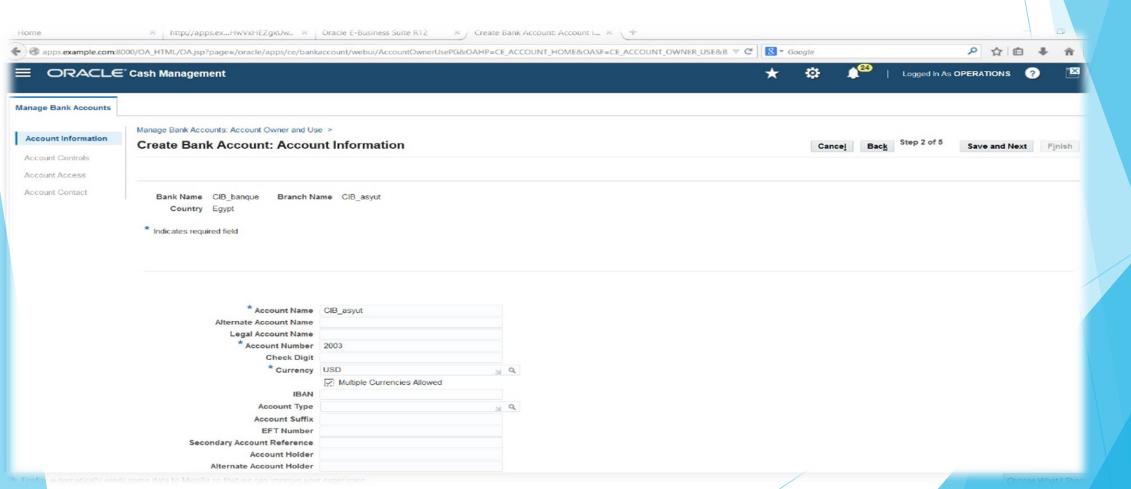
Creating a New Bank Account:

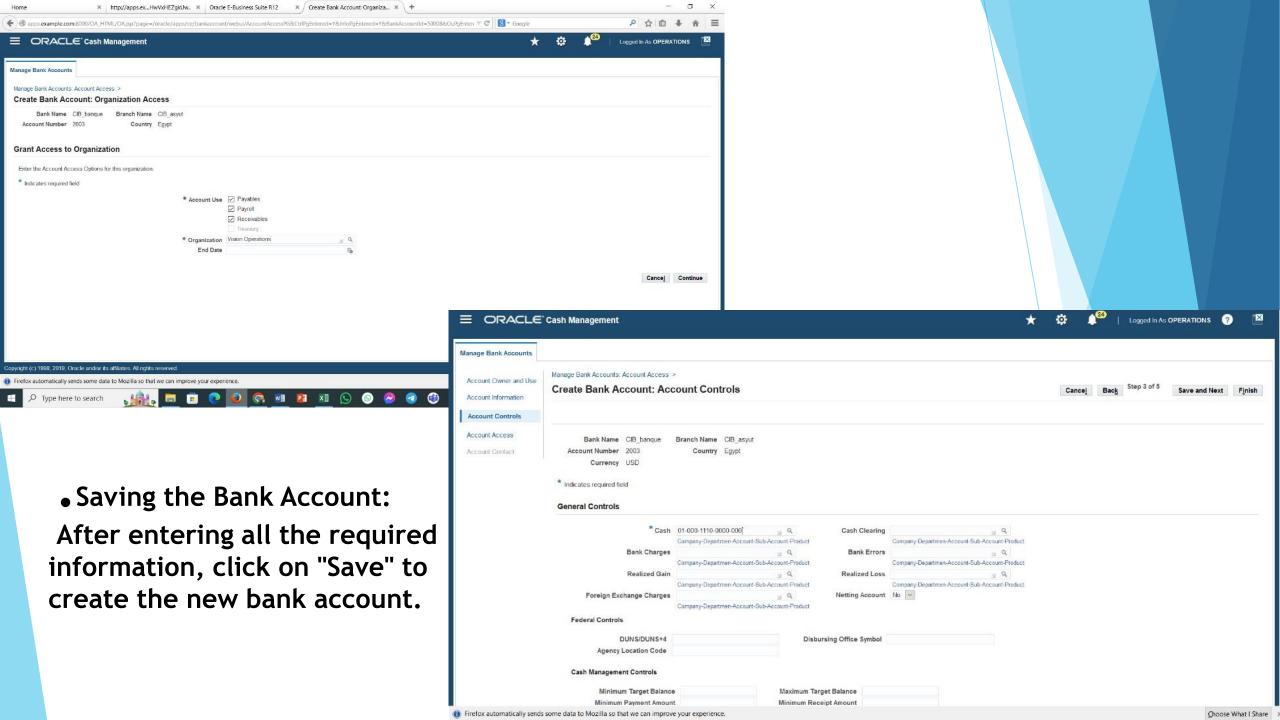
Navigate to "Bank Accounts" and select "Create" to set up a new bank account.

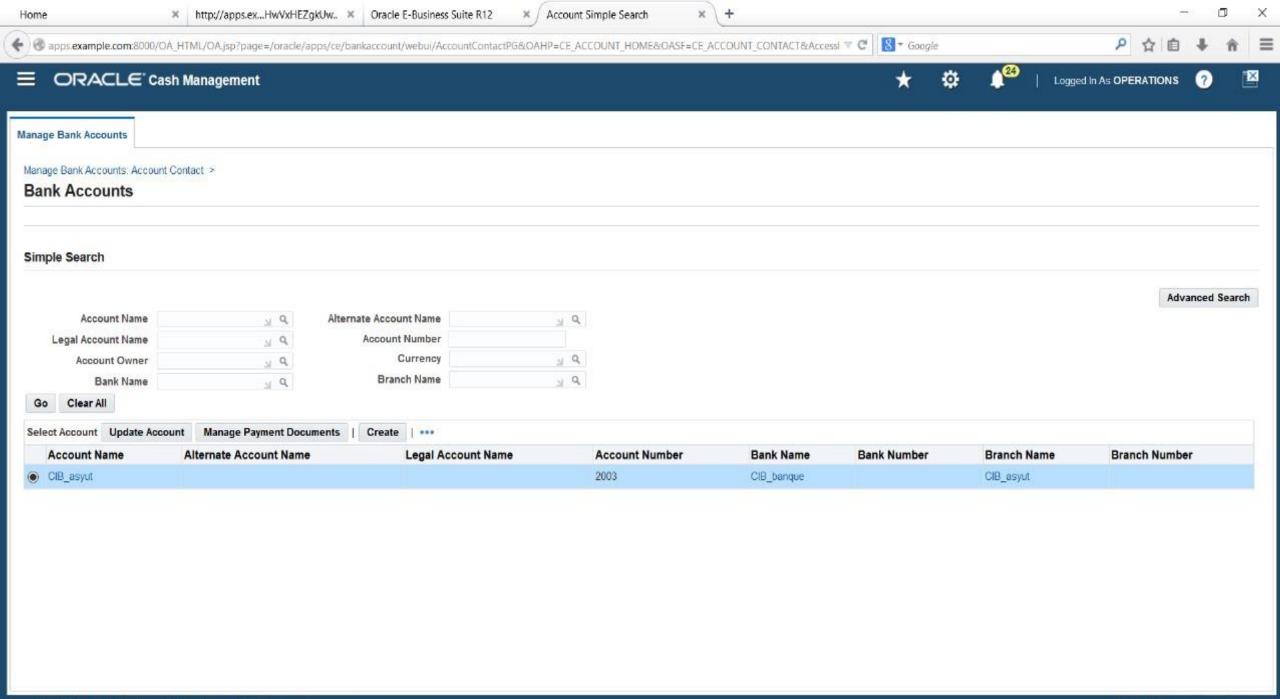


A form will appear where you will enter essential details such as:

- o Bank Name
- o Account Number
- o Currency
- o Bank Branch Information like the branch code.







2. Bank Transfers

- 1. Process inter-company or inter-bank account transfers.
- Track and post cash movement across multiple accounts.

- 1. Access the Cash Management Module: Log in to Oracle ERP and navigate to the Cash Management module.
- 2. Select the Bank Transfer Transaction Type: Look for a transaction type specifically designed for bank transfers. It might be labeled as "Bank Transfer," "Inter-Bank Transfer," or something similar.
- 3. Enter Source and Destination Accounts:
- Specify the bank account from which the funds will be transferred (source account).
- Select the bank account to which the funds will be sent
- (destination account).

4. Input Transfer Amount:

Enter the amount to be transferred.

5. Provide Payment Details (if necessary):

Depending on your organization's setup, you might need to provide additional details such as:

Payment method (e.g., ACH, wire transfer)

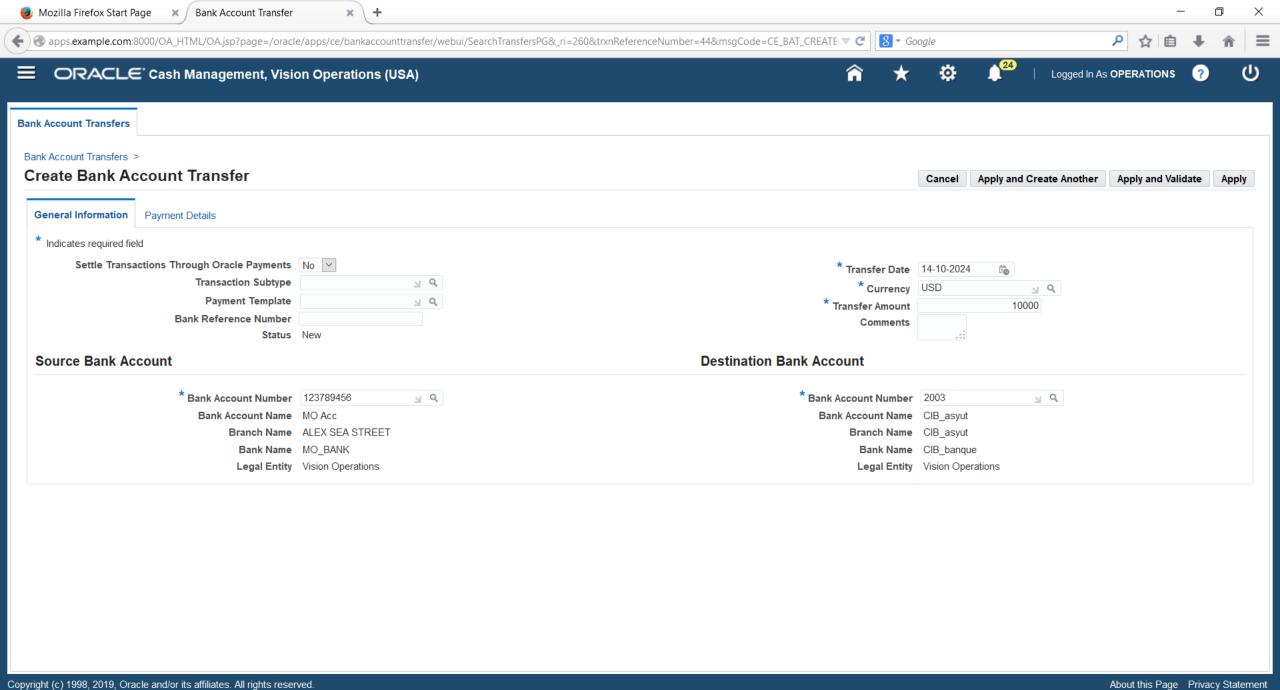
Payment reference or description

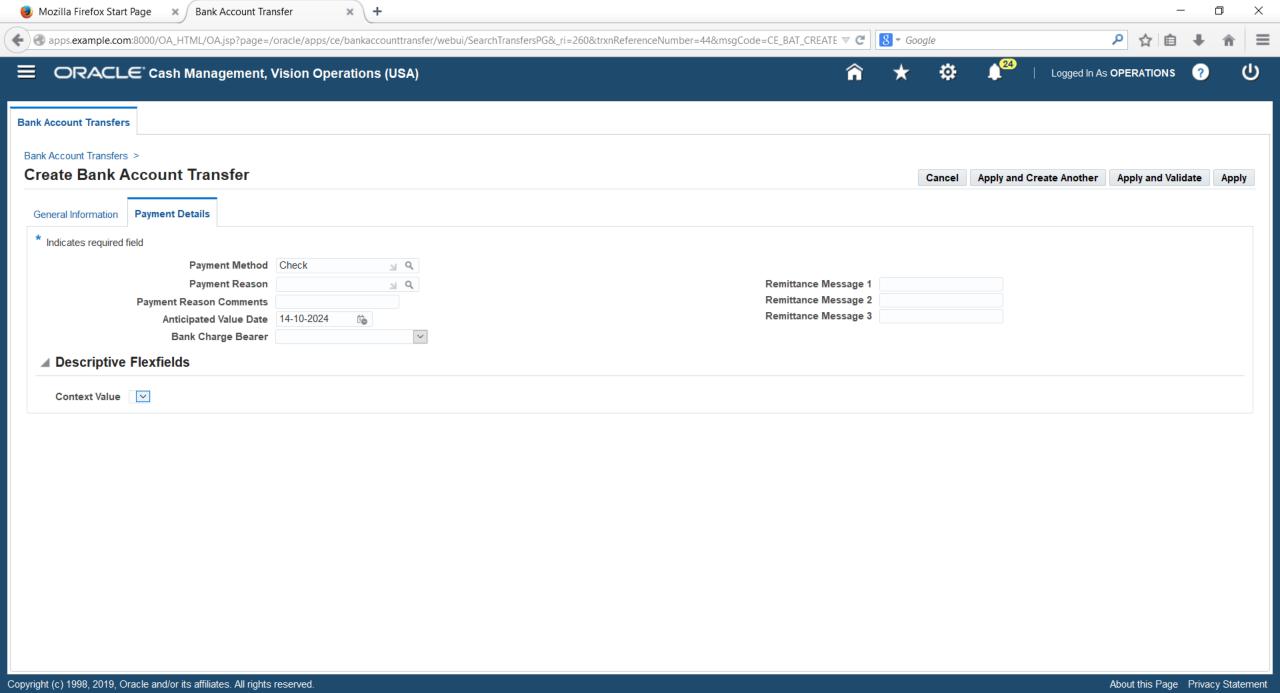
Beneficiary information (for international transfers)

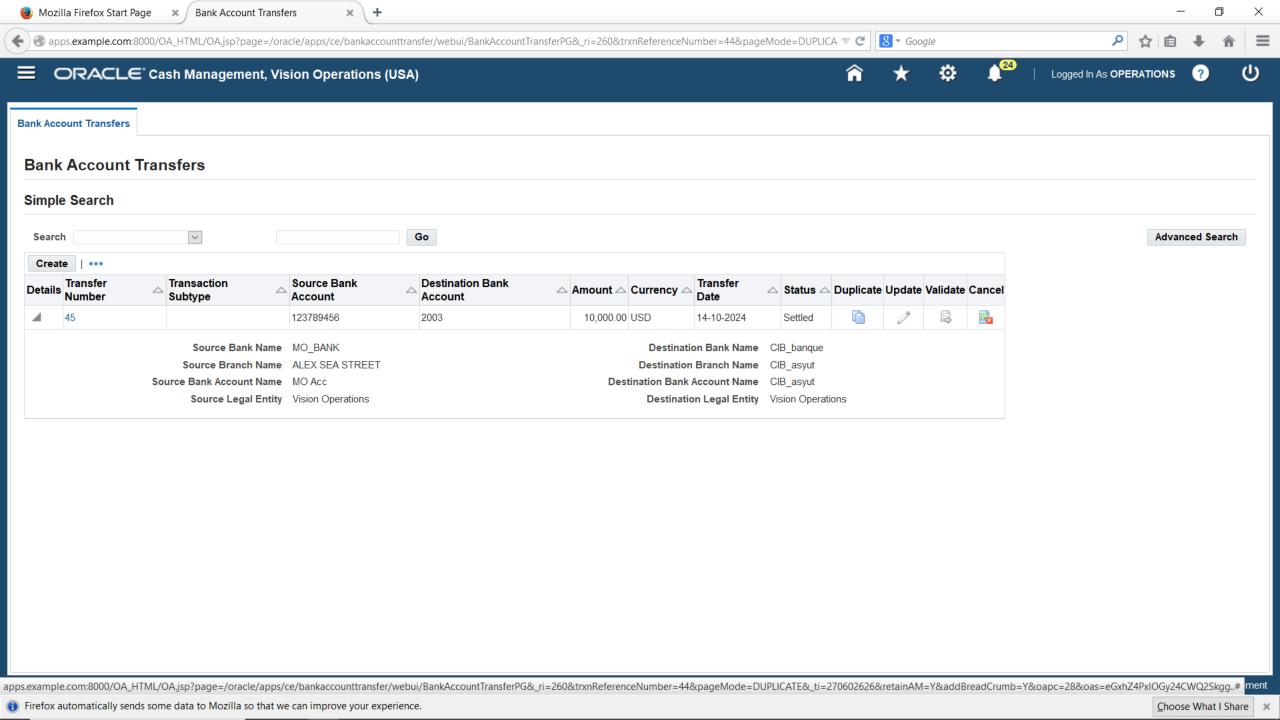
.screen shots

The data of the source bank and the destination bank.

The transfer data and amount.







3. Bank Reconciliation

 Perform a bank reconciliation to match system records with the bank statement.

Identify discrepancies and adjust system records

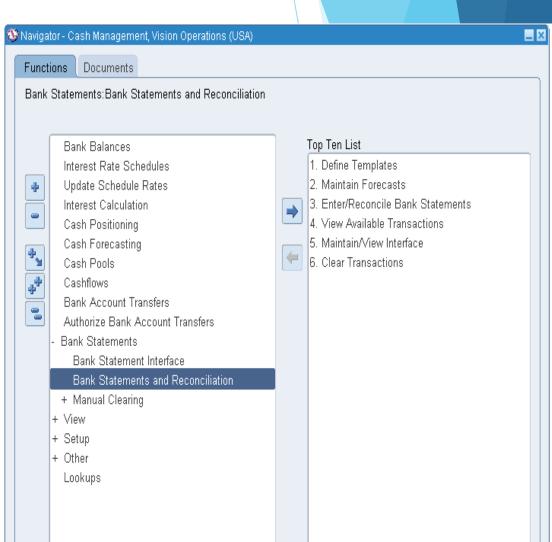
where necessary.

Bank Reconciliation;

- Creating Bank Reconciliation Statements
 - 1. Payment Reconciliation

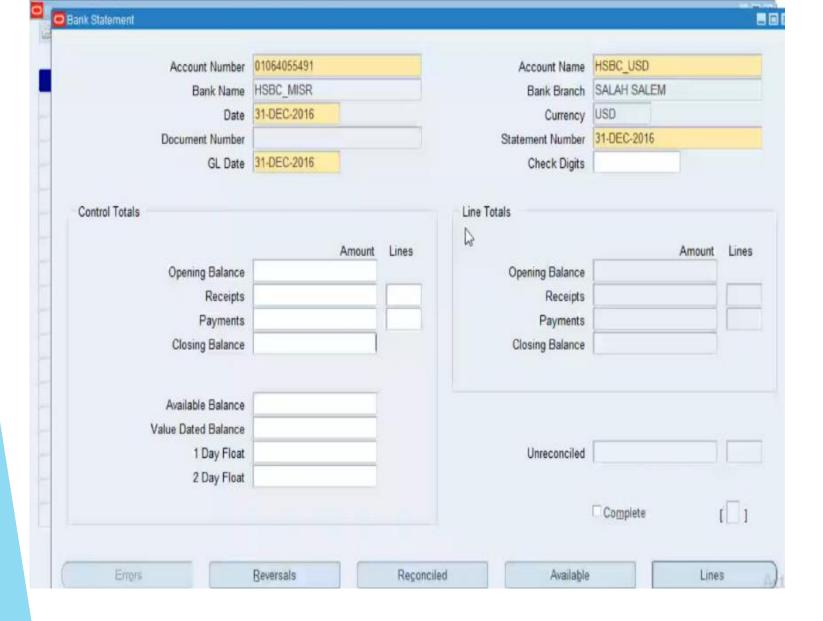
Steps:

- Bank Statements-> Bank Statements and Reconciliation

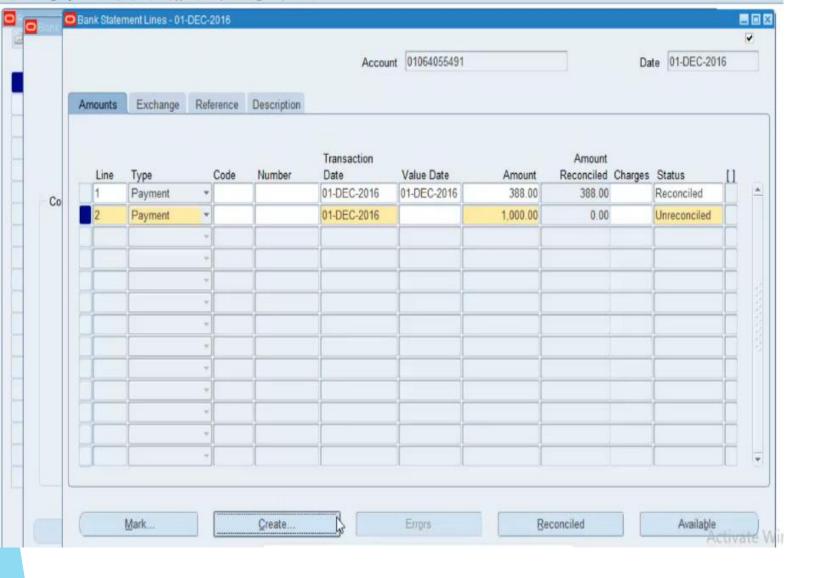


▶ To create a new bank statement line from reconciled transactions:

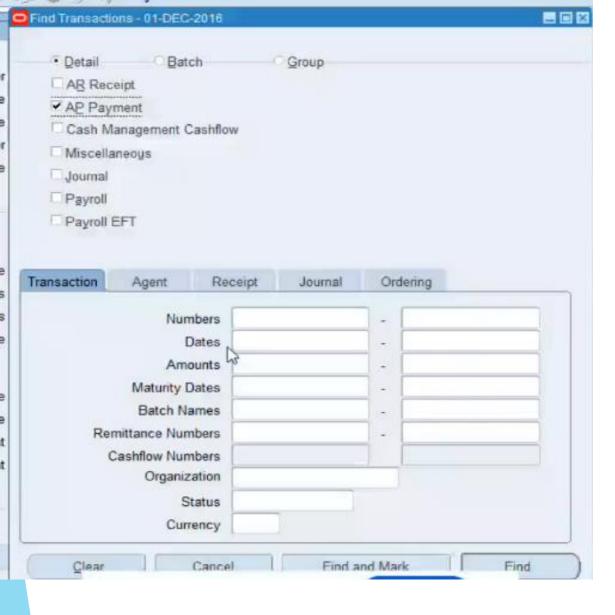
- 1. Navigate to the Find Bank Statements window.
- 2. Enter the query criteria for the statement you want to reconcile, or leave the criteria blank to query all existing statements.
- 3. Choose Find to see the Reconcile Bank Statements window containing the statements that meet your query criteria.
- 4. Select the statement you want to reconcile, and choose Review. Optionally, choose New to enter a new bank statement.
- 5. If you are entering a new bank statement, enter the bank statement header information. If you select an existing bank statement, Cash Management displays the corresponding bank information.
- 6. Choose Available to search for detail or batch transactions that are available for reconciliation.
- 7. Enter your search criteria in the Find Transactions window, or leave the criteria blank to search for all available transactions.
- 8. Choose Find.
- 9. Select the detail or batch transactions that apply to the bank statement line you want to create.
- 10. Choose reconcile. Cash Management creates a new bank statement line with an Amount and Type that match the reconciled transaction(s) for that line.



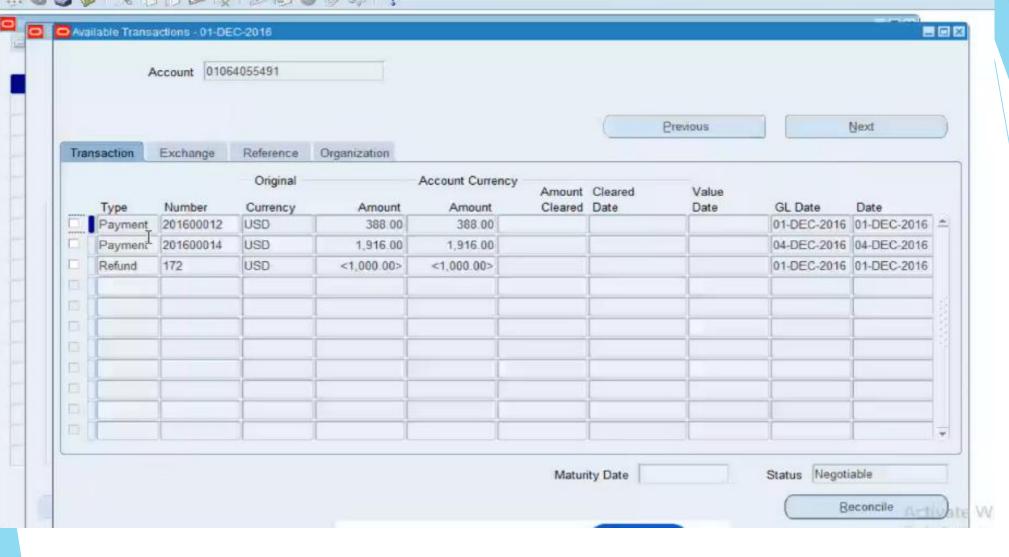
Click on Lines button



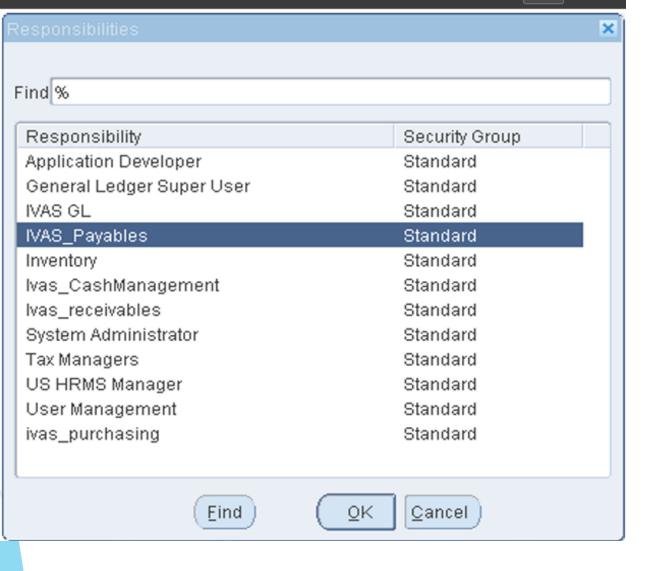
Click on Available button



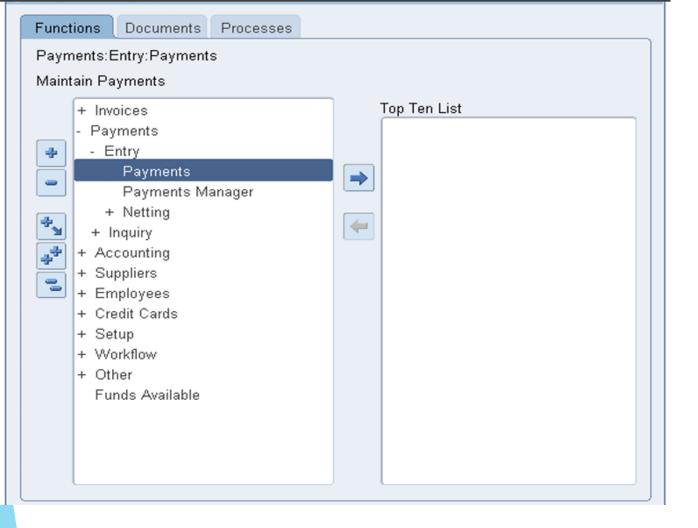
Enable AP Payment and Click on Find button



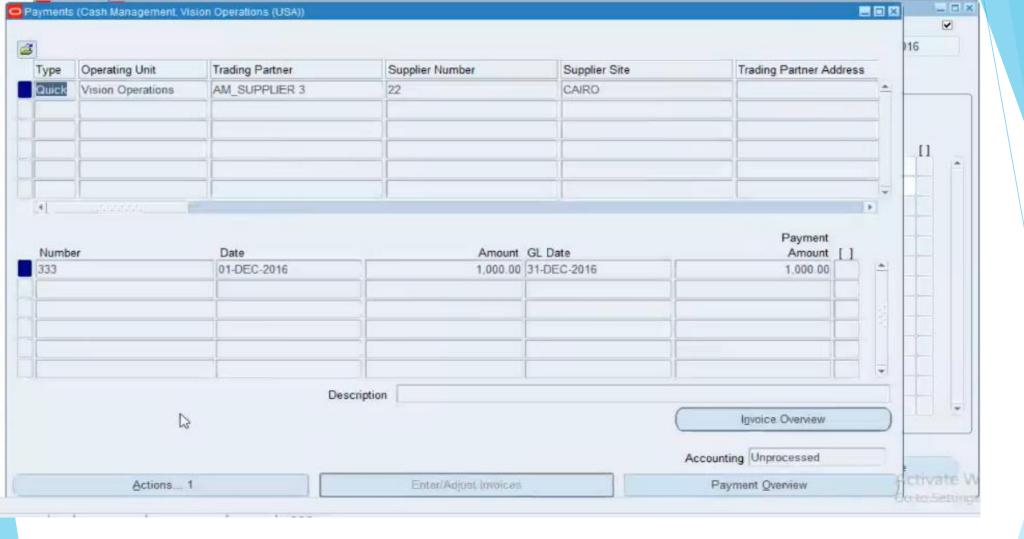
Select the Payment Transaction Document Number '201600012' Check the Status as Negotiable Click on Reconcile button



Switch Responsibility: - Ivas_Payables



❖ N:- Payments-> Entry-> Payments

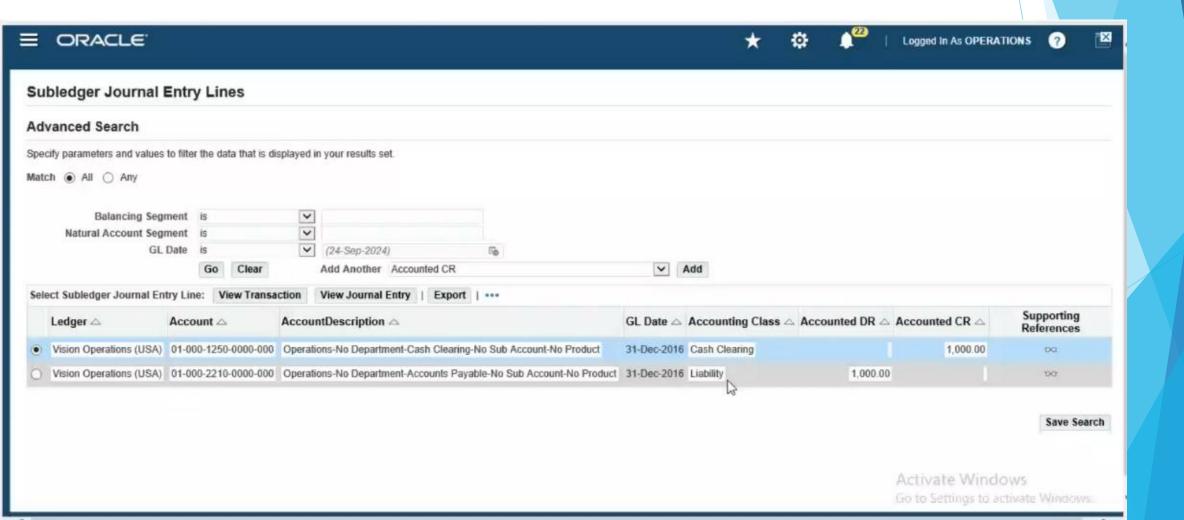


Click on Actions...1 and enable Create Accounting and Final Post



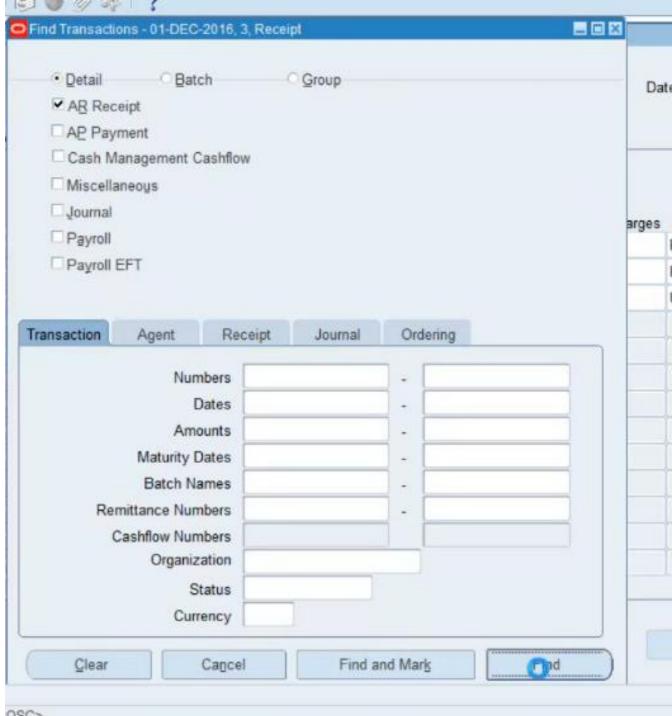
Click on OK button

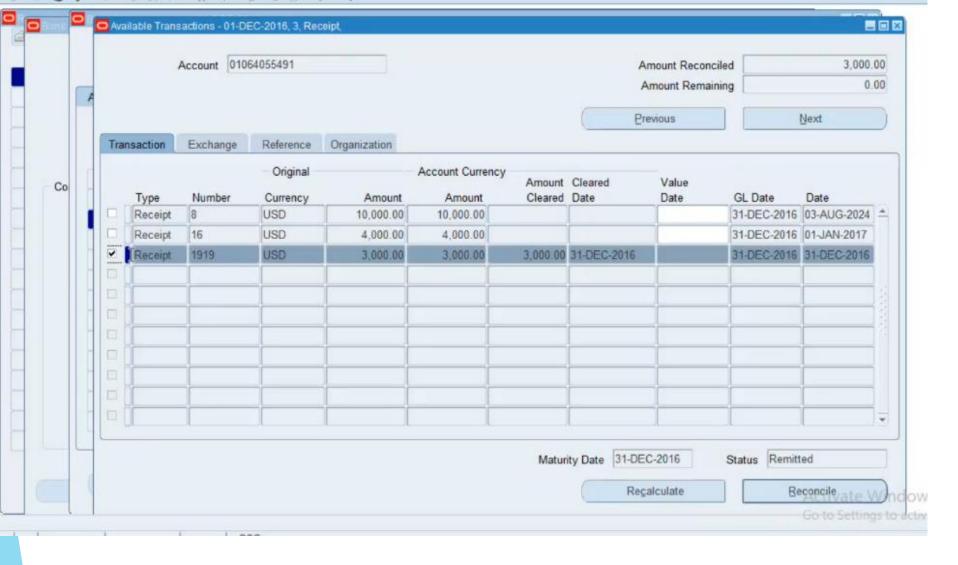
❖ Menu-> Tools-> View Accounting Events



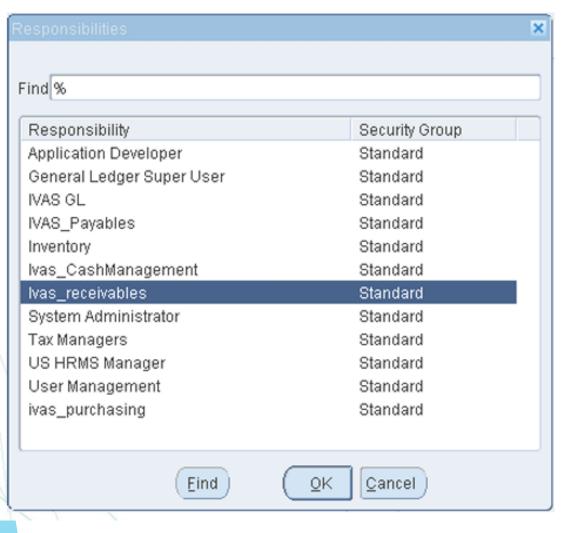
2. Receipt Reconciliation:
Same as the previous steps;

Enable AR Receipts and Click on Find button

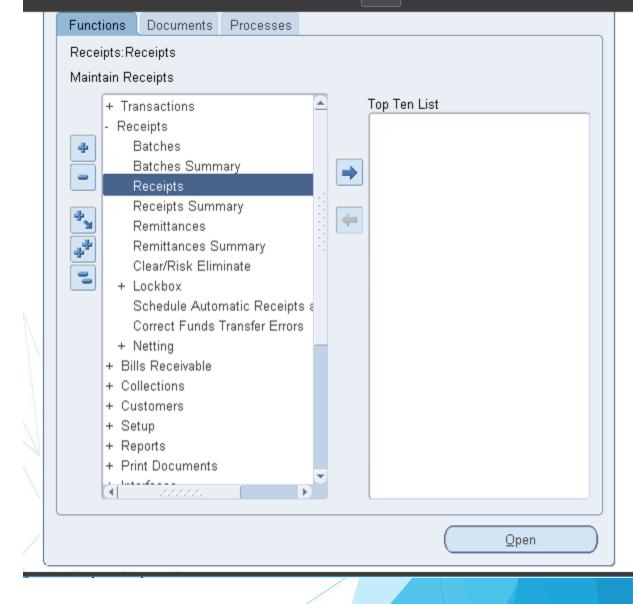




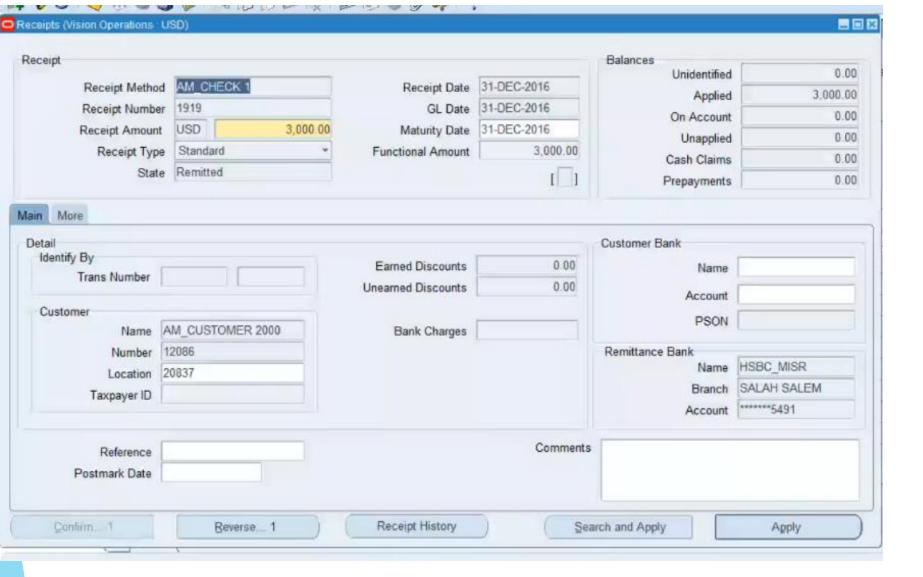
Select the Receipt Transaction Document Number '1919' Check the Status as Remitted Click on Reconcile button



Switch Responsibility:- Ivas_receivables

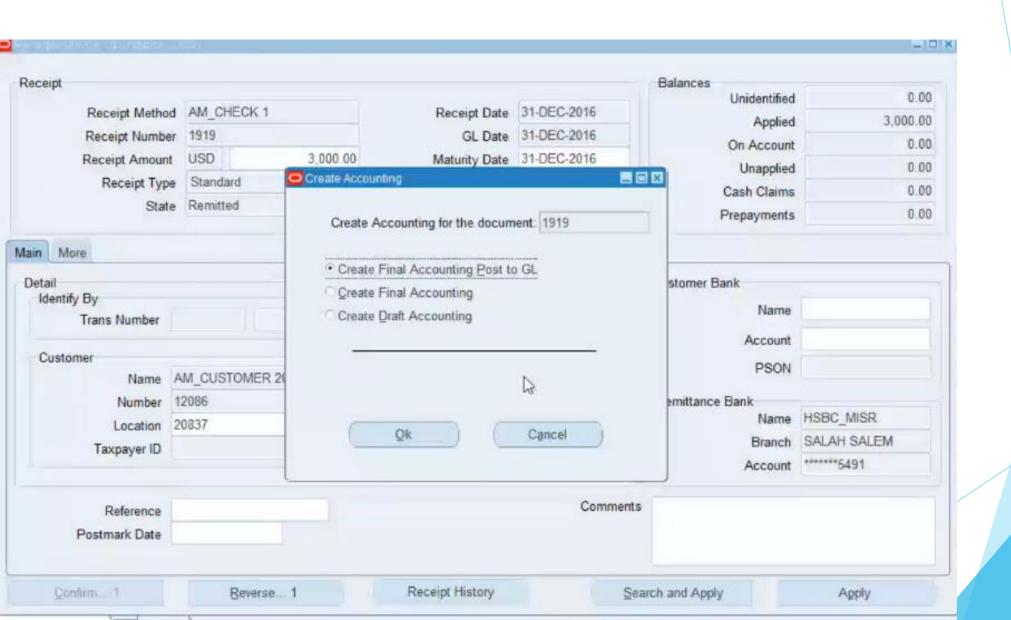


N:- Receipts-> Receipts



Check the Status changed from Remitted to Cleared

Click on Tools -> Create Accounting-> Create Final Accounting Post to GL



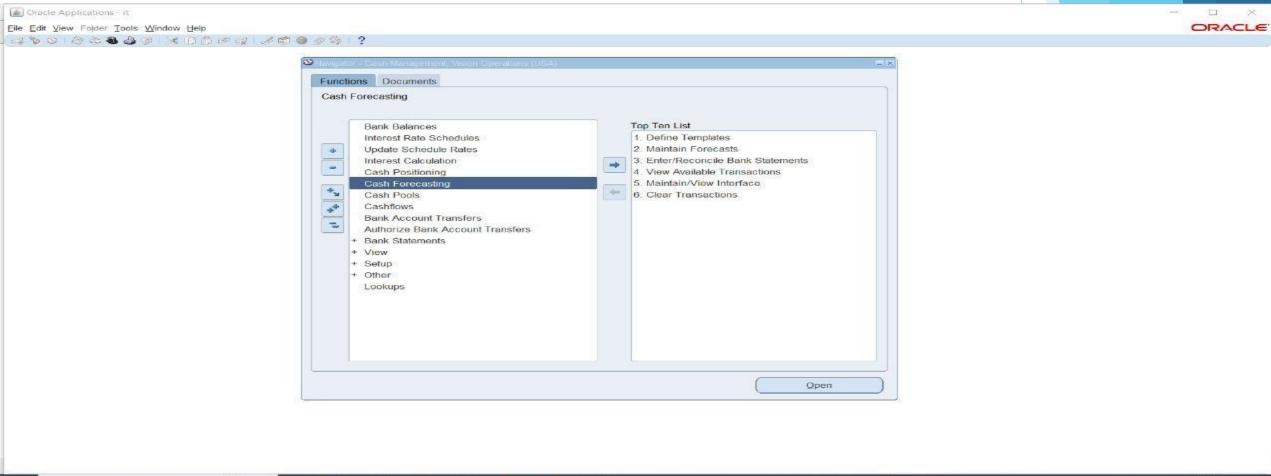
4. Forecast Adjustments

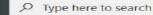
- Adjust cash forecasts based on actual bank balances and recent transactions.
- Incorporate adjustments to refine future projections.

Cash forecasting is a planning tool that helps you anticipate the flow of cash in and out of your business, allowing you to project your cash needs and evaluate your company's liquidity position.

Steps:

- 1. Log in as User Name: operations and Password: Welcome
- 2. Switch responsibility: Cash Management, Vision Operations (USA)
- 3. N: Cash Forecasting









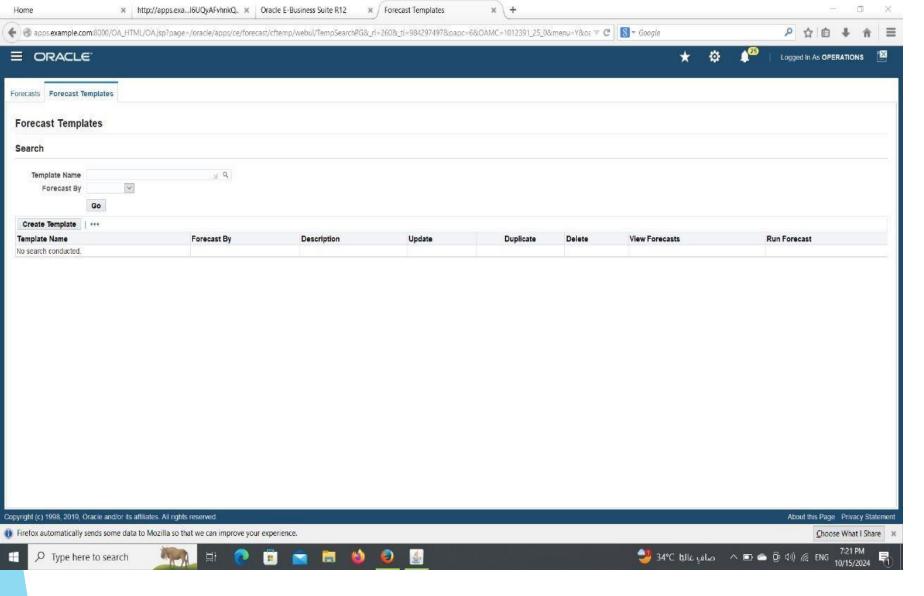




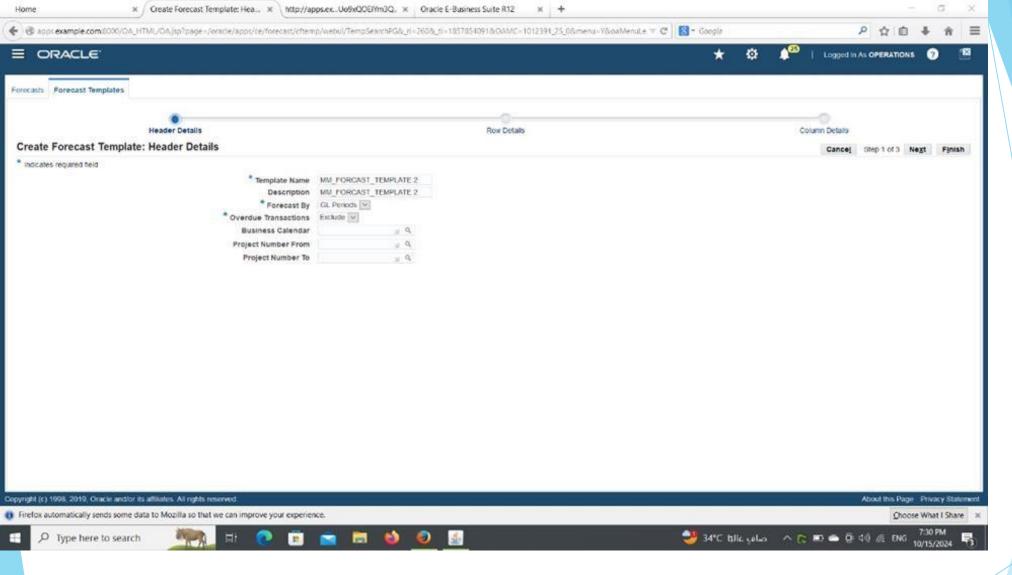




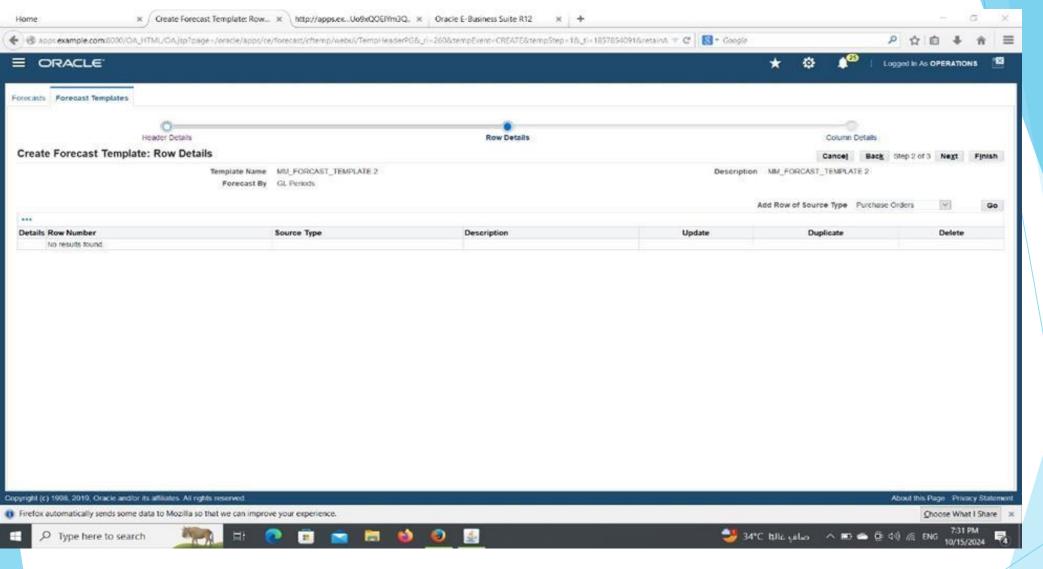




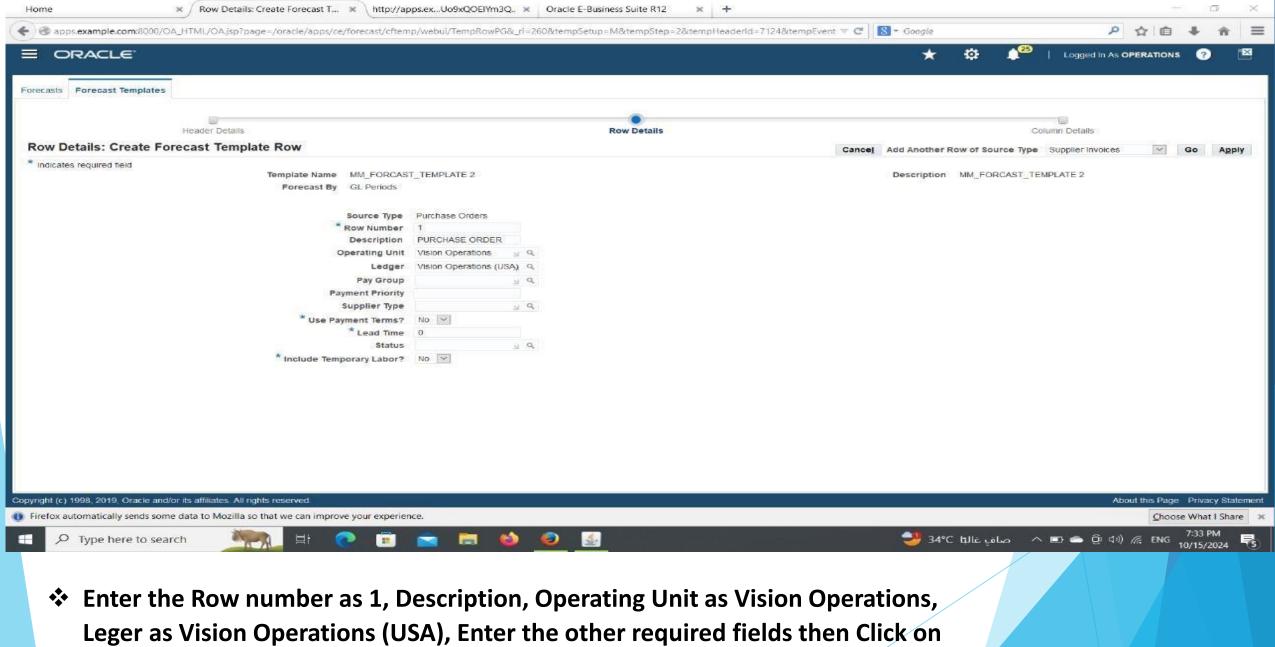
Click on Create Template



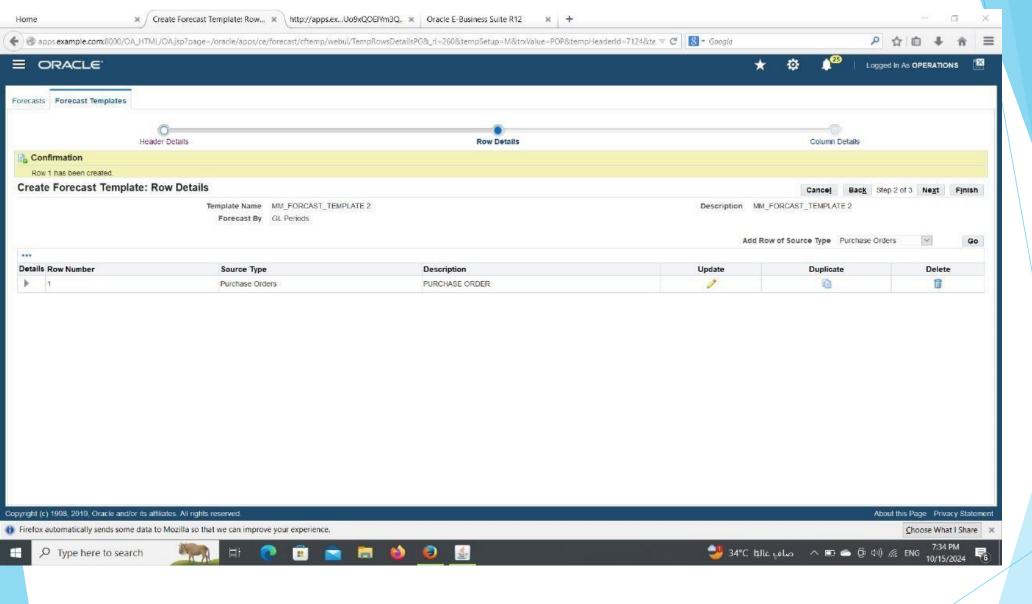
Enter the 'Template Name' as 'MM_forecast_Templete 2', 'Forecast By' as 'GL Periods' and 'Overdue Transactions' as 'Exclude' then Click on Next Button



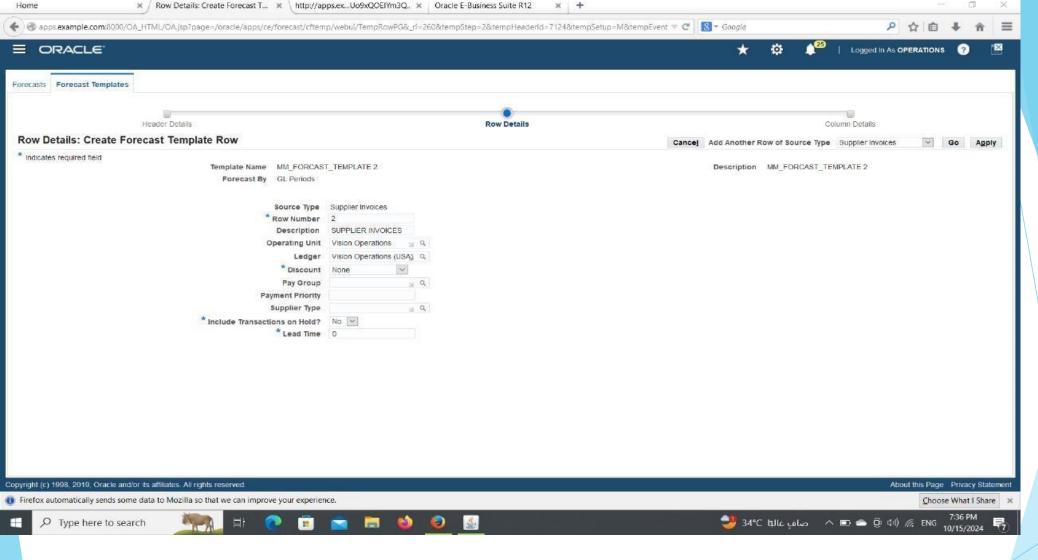
❖ Select 'Add Row of Source Type' as 'Purchase Orders' then click on GO Button



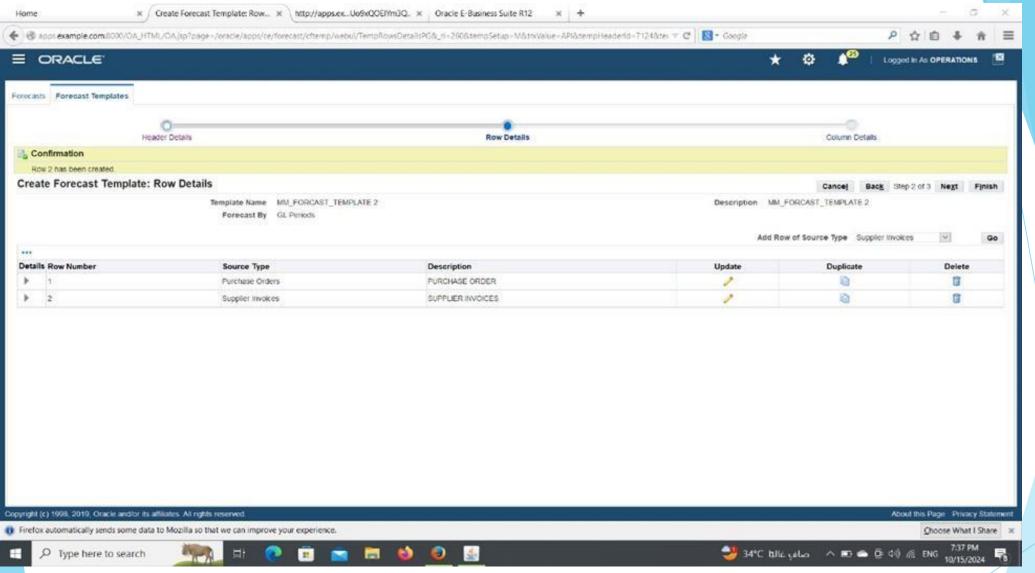
Apply button



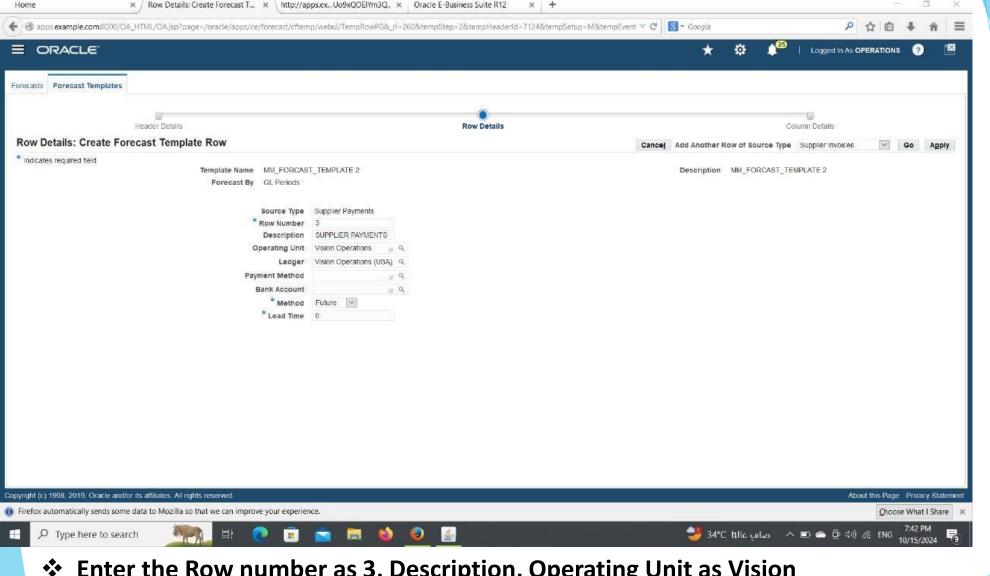
❖ Select Add Row of Source Type as Supplier Invoices then click on GO button



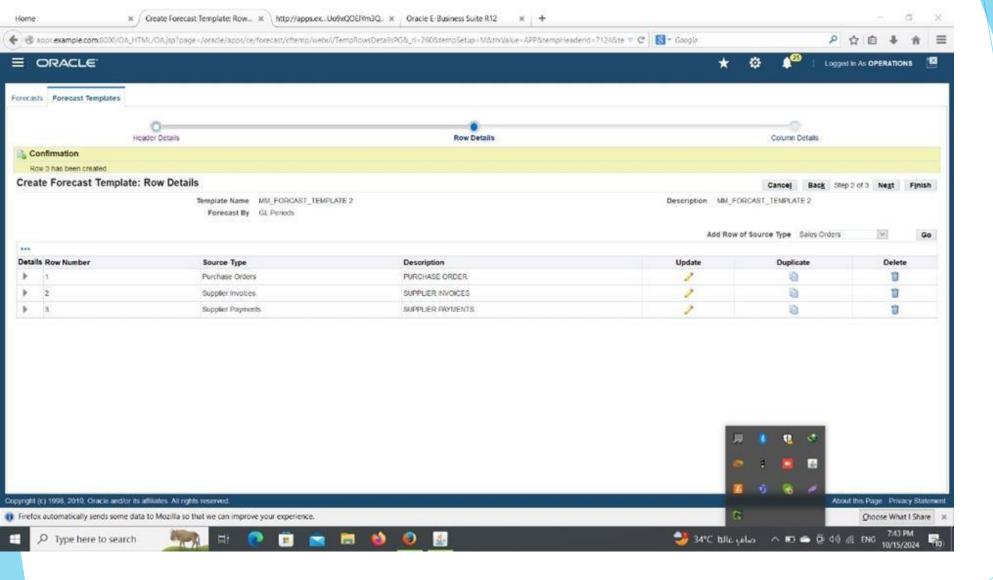
Enter the Row number as 2, Description, Operating Unit as Vision Operations
Leger as Vision Operations (USA), Enter the other required fields then Click on Apply button



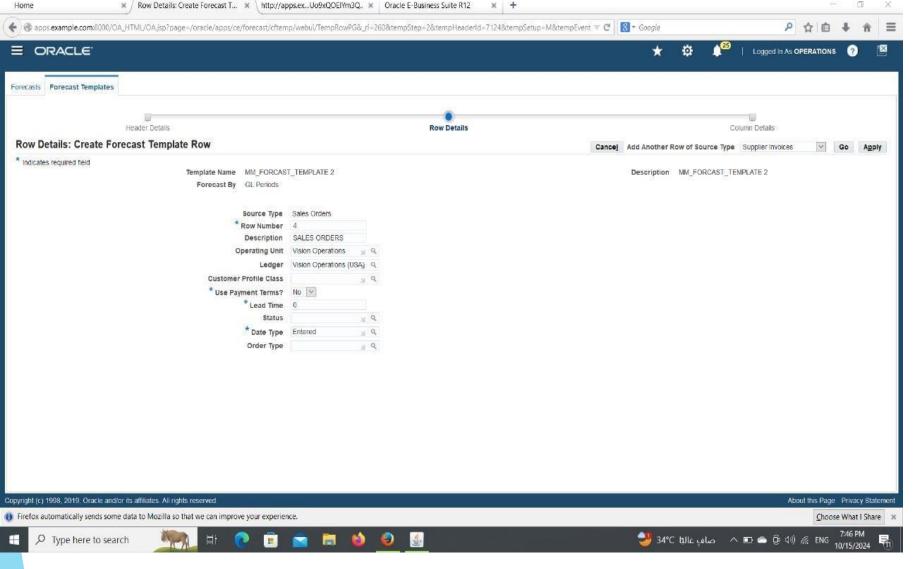
❖ Select Add Row of Source Type as Supplier Payments then click on GO button



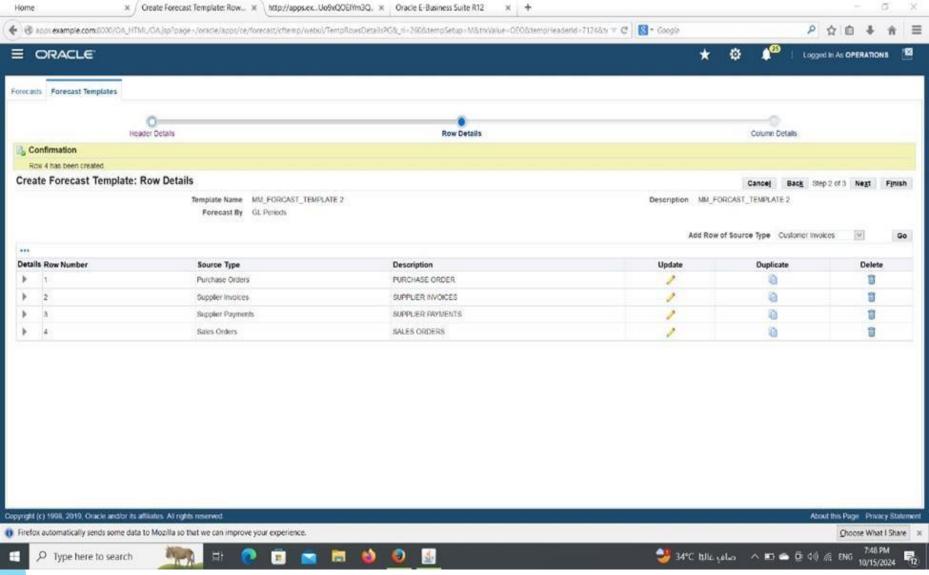
Enter the Row number as 3, Description, Operating Unit as Vision Operations, Leger as Vision Operations (USA), Enter the other required fields then Click on Apply button



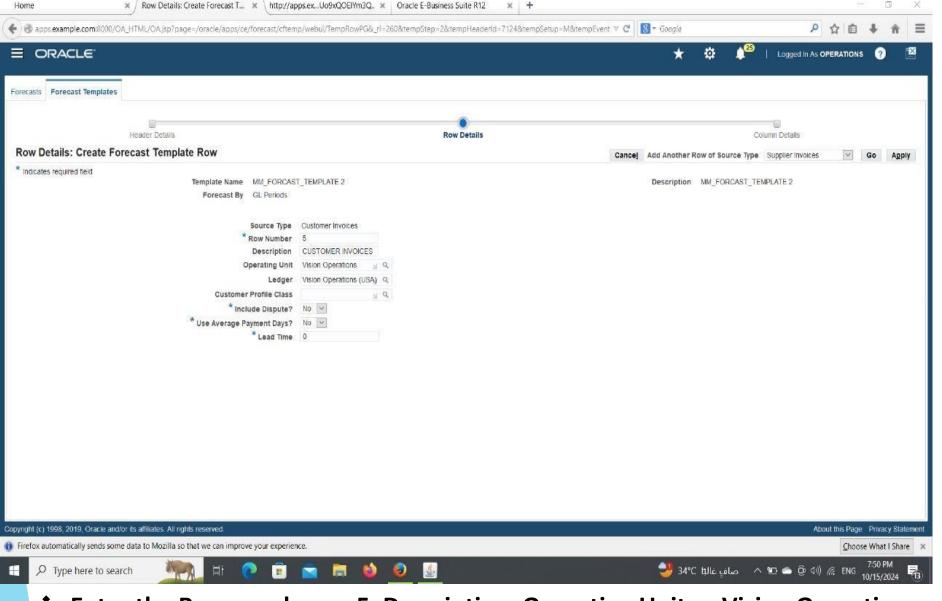
❖ Select Add Row of Source Type as Sales Orders then click on GO button



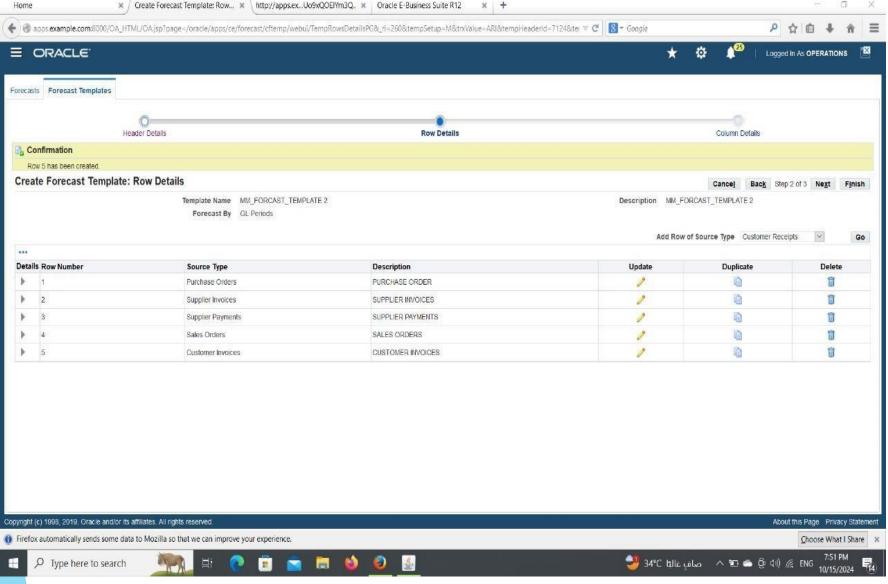
Enter the Row number as 4, Description, Operating Unit as Vision Operations,
Leger as Vision Operations (USA), Enter the other required fields then Click on Apply button



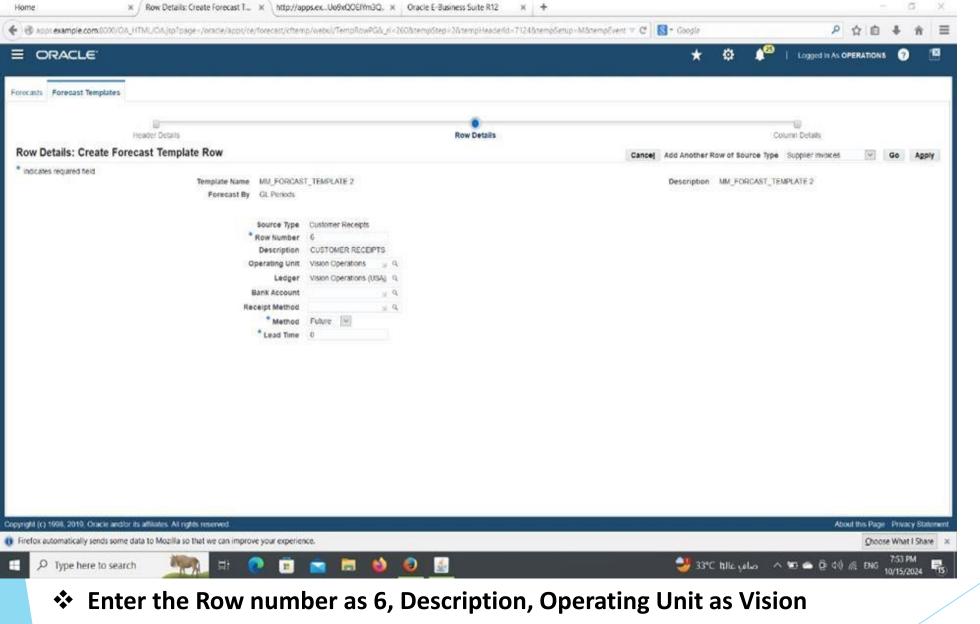
Select Add Row of Source Type as Customer Invoices then click on GO button



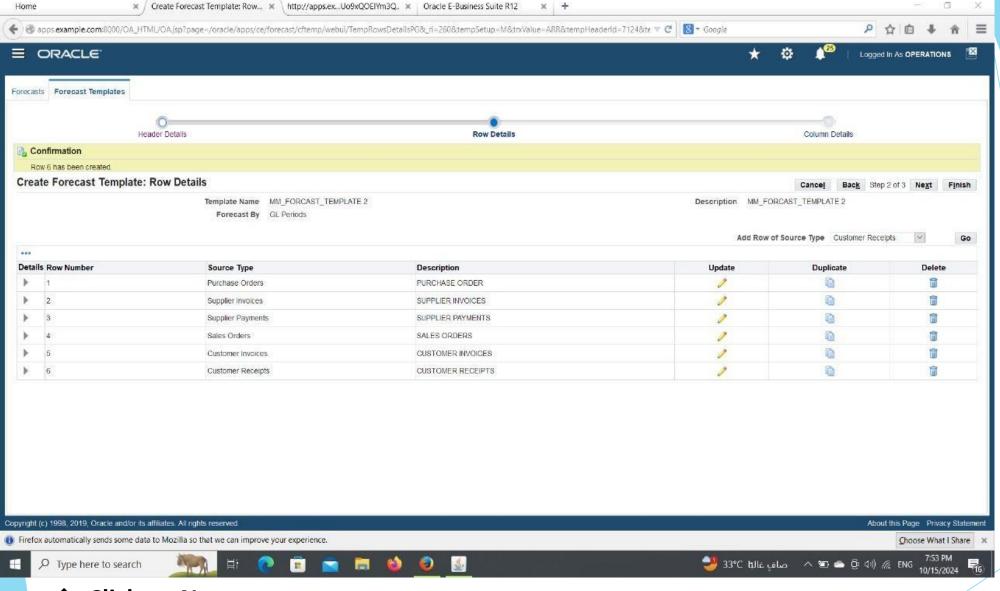
Enter the Row number as 5, Description, Operating Unit as Vision Operations, Leger as Vision Operations (USA), Enter the other required fields then Click Apply button



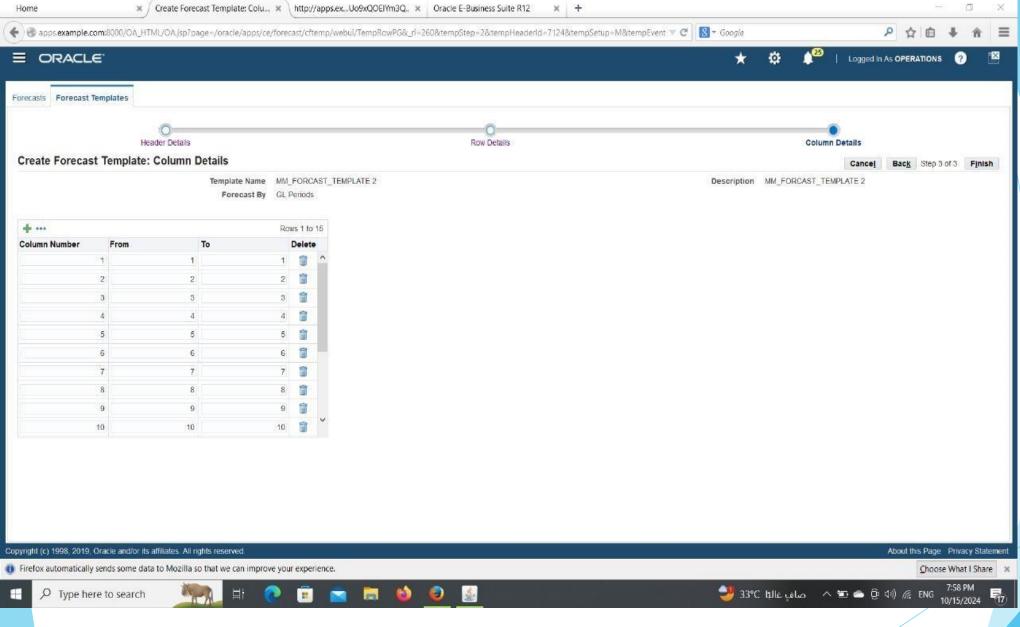
Select Add Row of Source Type as Customer Receipts then click on GO button



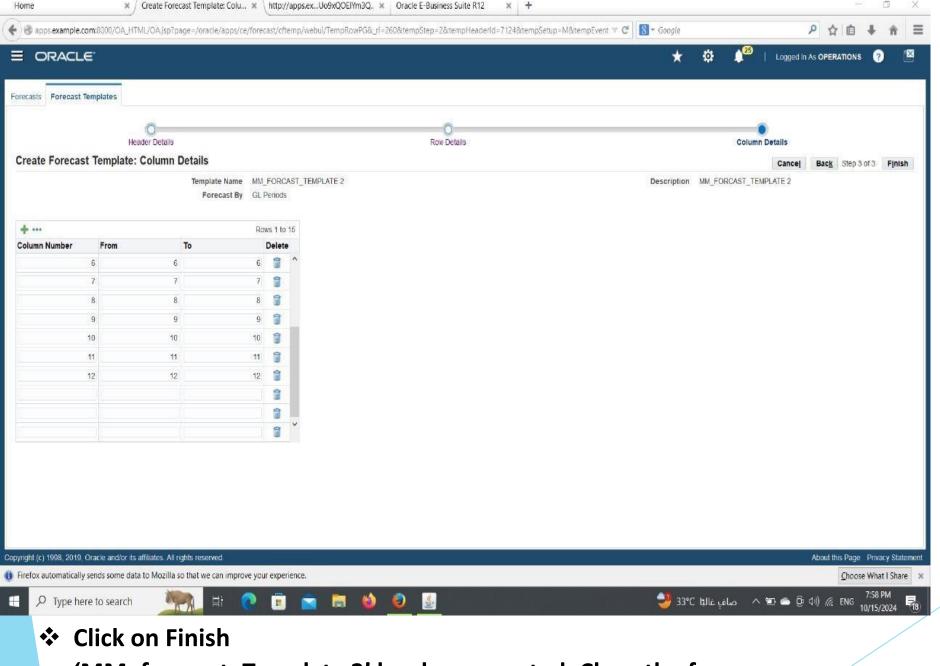
Enter the Row number as 6, Description, Operating Unit as Visior Operations, Leger as Vision Operations (USA), Enter the other required fields then Click on Apply button



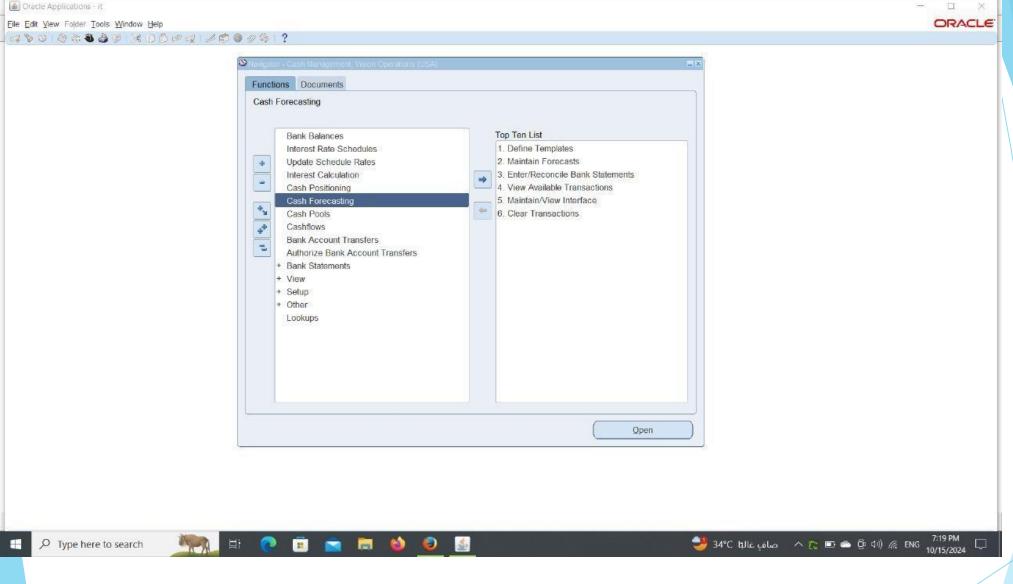
Click on Next



❖ Give the Column Numbers from 1 to 12

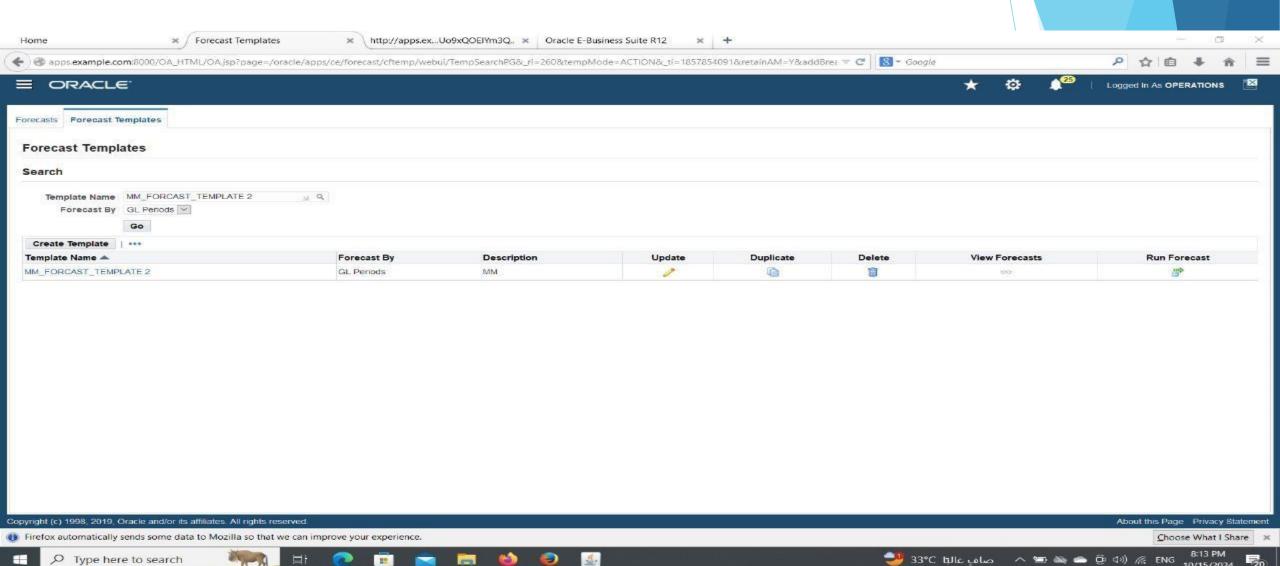


'MM_forecast_Template 2' has been created. Close the form.

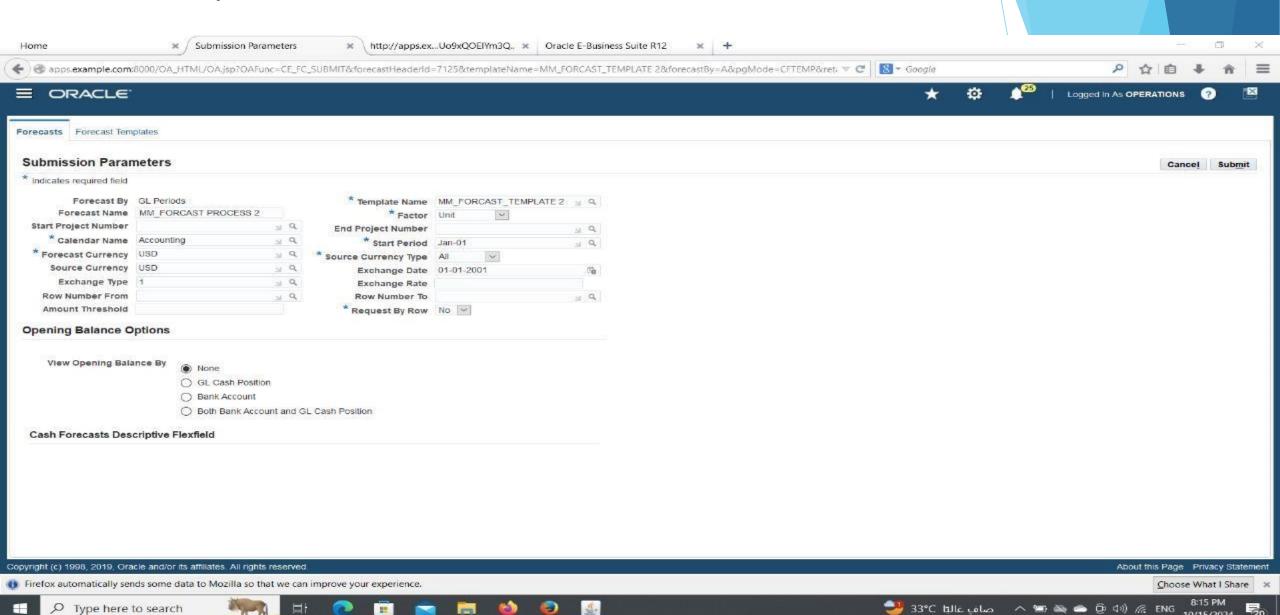


❖ N: - Cash Forecasting

Click on View Forecasts

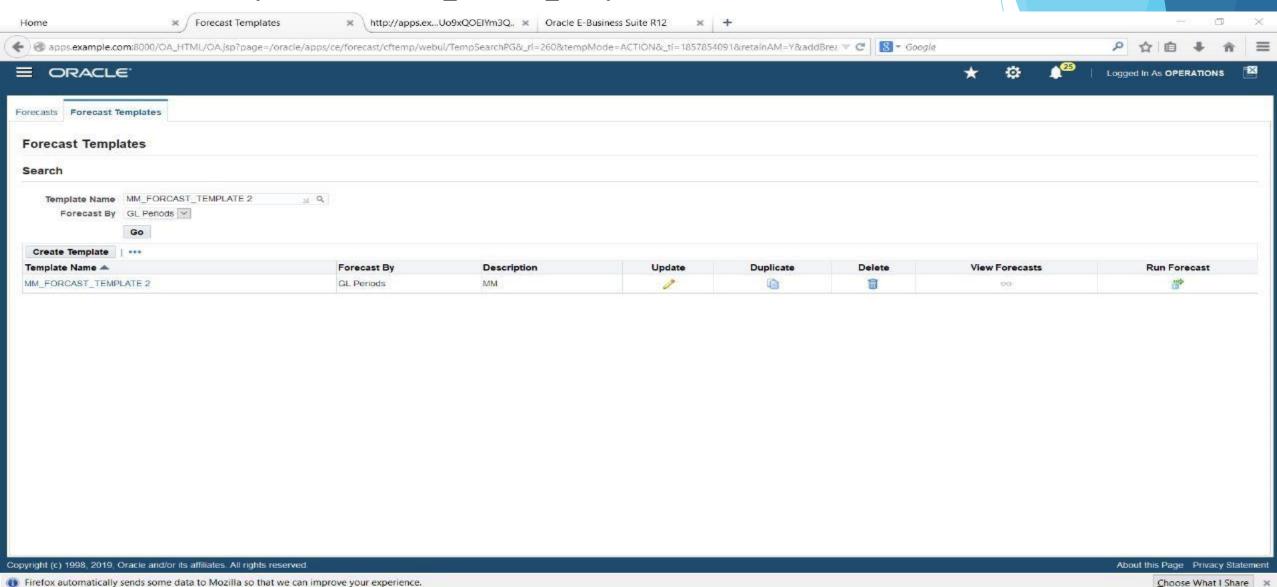


***** Enter the required data and Click on Submit



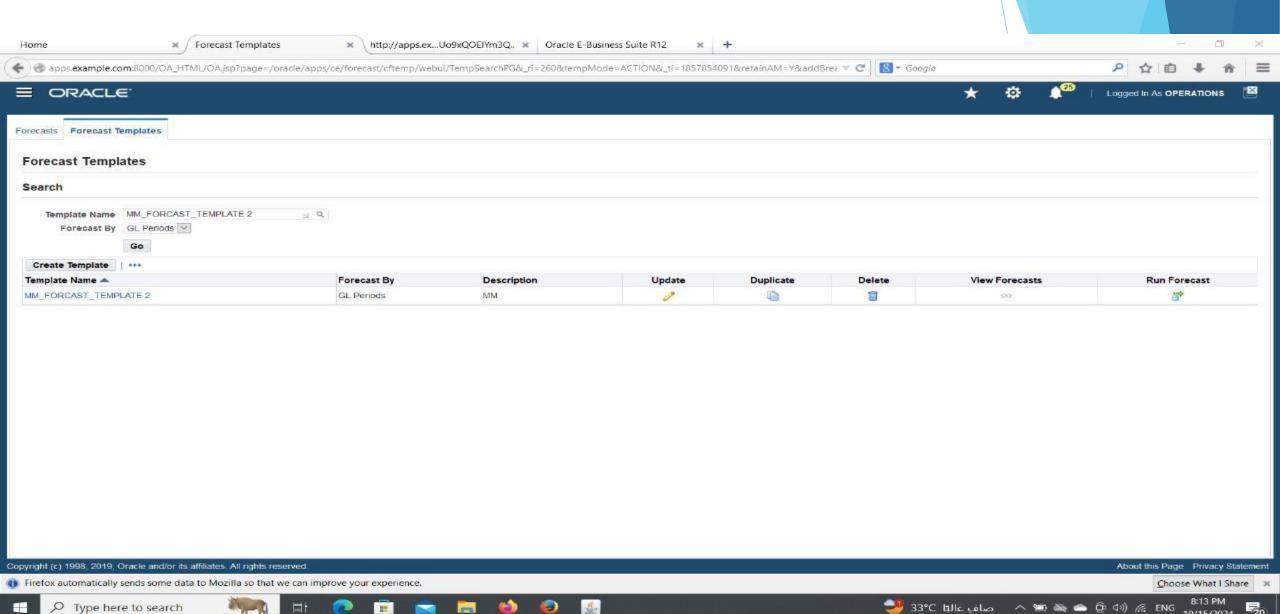
Click on Template Name- MM_forecast_Template 2

Type here to search



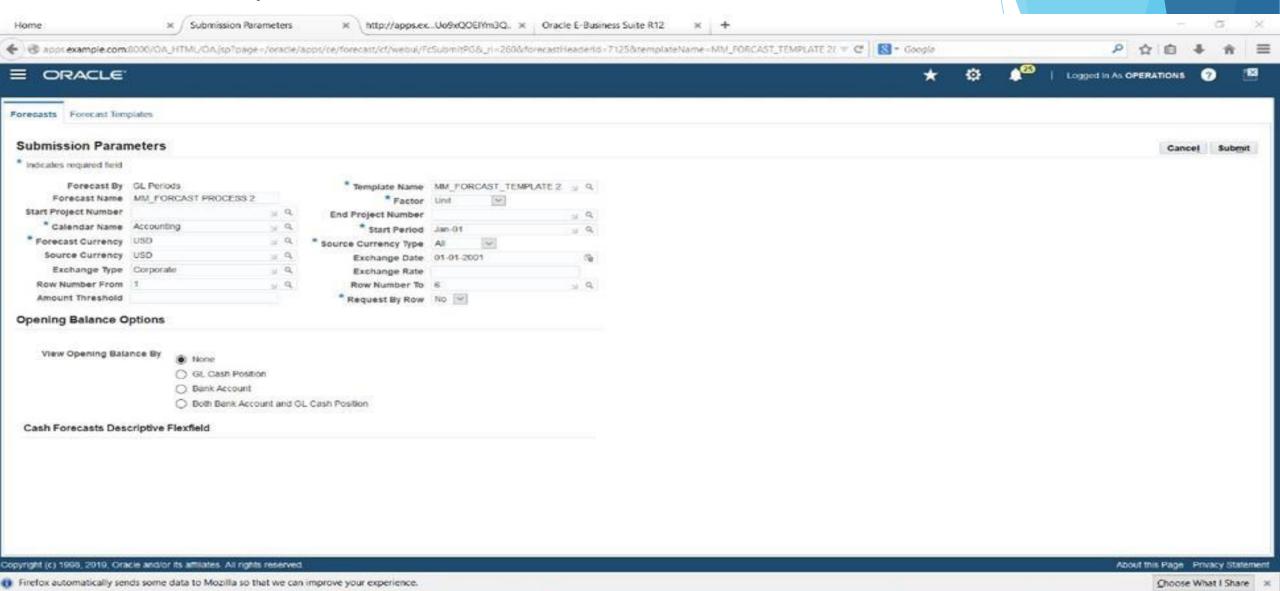
🛂 33°C صافي غالبتا 🗥 🖘 🔌 🍮 🤃 🕬 🎊 ENG

Click on Run Forecast



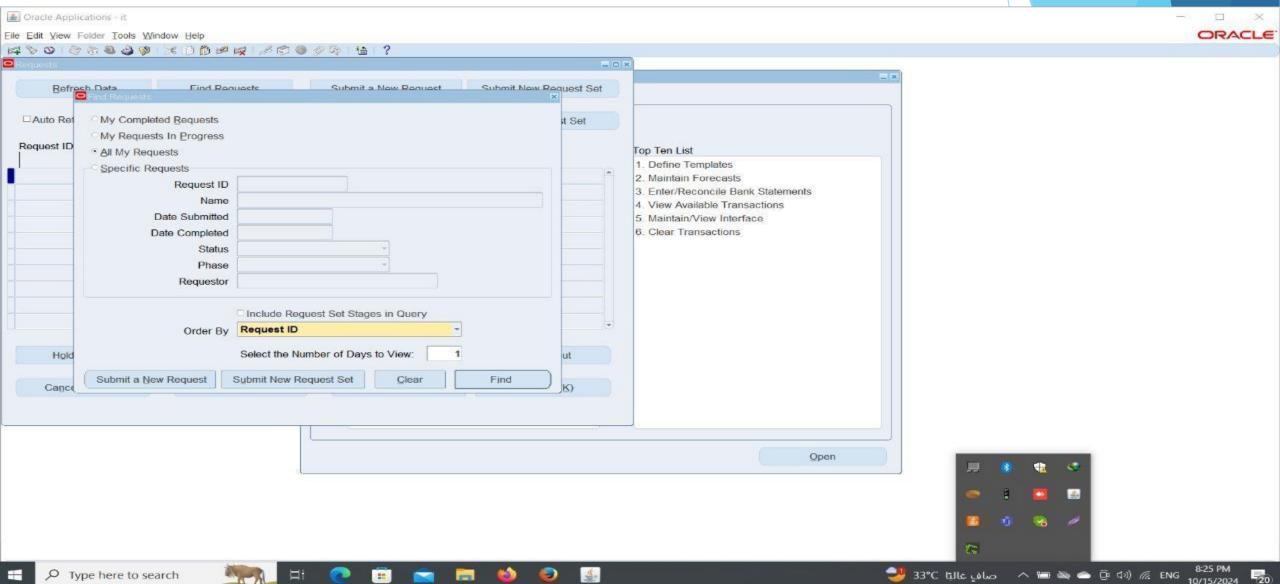
***** Enter the required data and Click on Submit

Type here to search

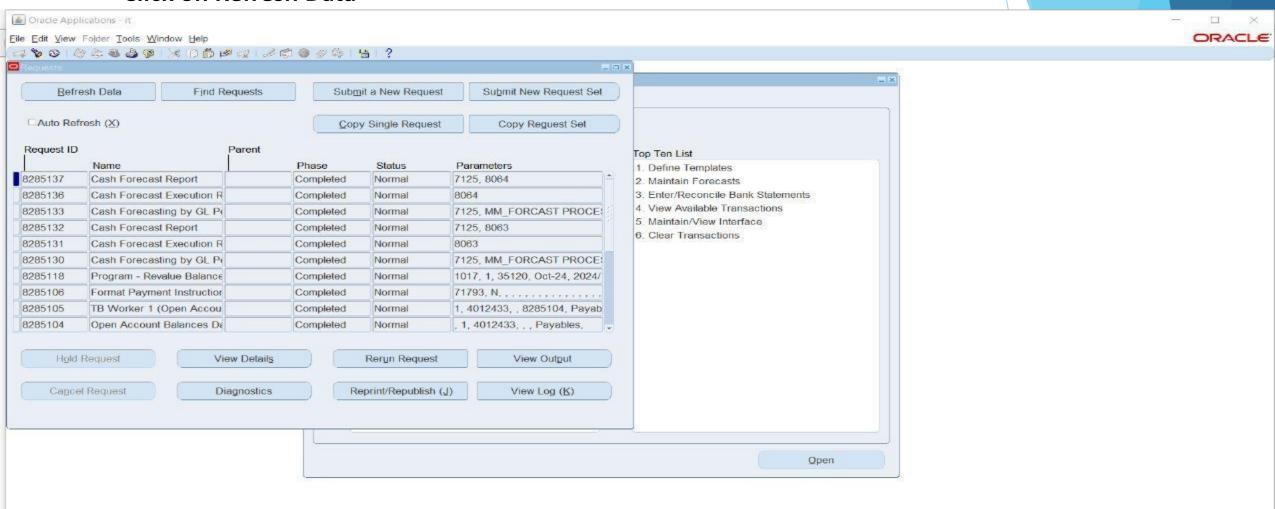


😅 33°C الله نقالتا 🖍 ≔ 🗞 📤 🧔 (1) 🎉 ENG

Close the form Menu-> View-> Requests



Click on Find **Click on Refresh Data**



































Click on View Output

 apps.example 	com:8000/OA_CGI/FNDWRR.exe?temp_	id=1074771923			7.0	C S - Google	₽☆自◆
		Cash Forecast	Report	Report Date	15-0CT-24 of 3		
Template Name: Description:	MM_FORCAST_TEMPLATE 2		By: GL Periods		J. J		
Forecast	MM_FORCAST PROCESS 2/15-00			irning			
Start Period: Jan-01 Start Date:		Calendar Name: Acco		counting			
Forecast Currency: USD Source Currency: USD Exchange Type: Corporate		Source Currency Type: All Exchange Date: 01-JF Exchange Rate:		11 1-JAN-01			
mount Threshold: Project Number:			ange nace.				
low Source	Description	Jan-01 Jan-01	Feb-01 Feb-01		Apr-01 Apr-01	мау-01 мау-01	
Purchase Orde	rs PURCHASE ORDER	<2,371.00>	<1,688,966.00>	<3,002,591.95>	<314,850.00>	0.00	
Supplier Invoices	SUPPLIER INVOICES	0.00	<14,140.00>	0.00	0.00	0.00	
Supplier Payments	SUPPLIER PAYMENTS	0.00	0.00	0.00	0.00	0.00	
Sales Orders	SALES ORDERS	0.00	0.00	0.00	0.00	0.00	
Customer Invoices	CUSTOMER INVOICES	61,000.00	0.00	0.00	0.00	0.00	
Customer Receipts	CUSTOMER RECEIPTS	0.00	0.00	0.00	0.00	0.00	
	Cash Inflow Cash Outflow Net Cash	61,000,00 <2,371.00> 58,629.00	0.00 <1,703,106.00> <1,703,106.00>	0.00 <3,002,591.95> <3,002,591.95>	0,00 <314,850.00> <314,850.00>	0.00 0.00 0.00	
	9694013-33 6 6 6 7 9 4 ***	Cash Forecast Report		Report Date	15-0CT-24		
Template	MM_FORCAST_TEMPLATE 2		By: GL Periods				

P Type here to search



Firefox automatically sends some data to Mozilla so that we can improve your experience.







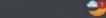








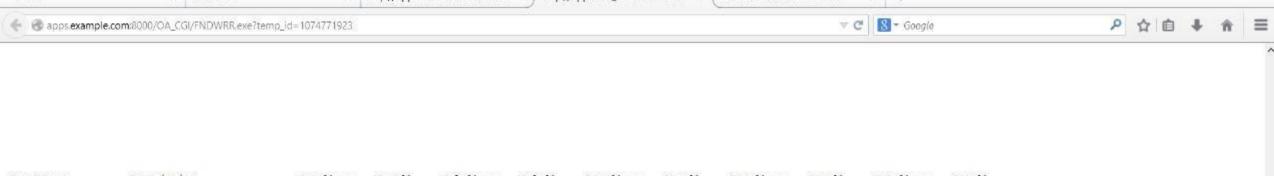












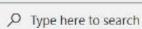
Row	Source	Description	Jun-01 Jun	-01 Jul-01	Jul-01	Aug-01	Aug-01	Sep-01	Sep-01	Oct-01	Oct-01
1	Purchase Orders	FURCHASE ORDER	<500.0	<672.95>		<114,237.85>		<52,500.00>		<7,177.05>	
2	Supplier Invoices	SUPPLIER INVOICES	0.0	0	0.00		0.00		0.00		0.00
3	Supplier Payments	SUPPLIER PAYMENTS	0.0	0	0.00	0.00		0.00			0.00
4	Sales Orders	SALES ORDERS	0.0	0	0.00		0.00			0.00	
5	Customer Invoices	CUSTOMER INVOICES	0.0	0	0.00		0.00		0.00		0.00
6	Customer Receipts	CUSTOMER RECEIPTS	0.0	0	0.00		0.00		0.00		0.00
		Cash Inflow Cash Outflow Net Cash	0.0 <500.0 <500.0	0 0>	0.00 <672.95> <672.95>	250,000,000,000	0.00 237.85> 237.85>		0.00 500.00> 500.00>		0.00 ,177.05> ,177.05>
12		\ <u>=</u>	Cash F	orecast Report		Rep	ort Date	15-007-2			

MM_FORCAST_TEMPLATE 2 MM Description:

Forecast By: GL Periods

Firefox automatically sends some data to Mozilla so that we can improve your experience.













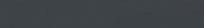




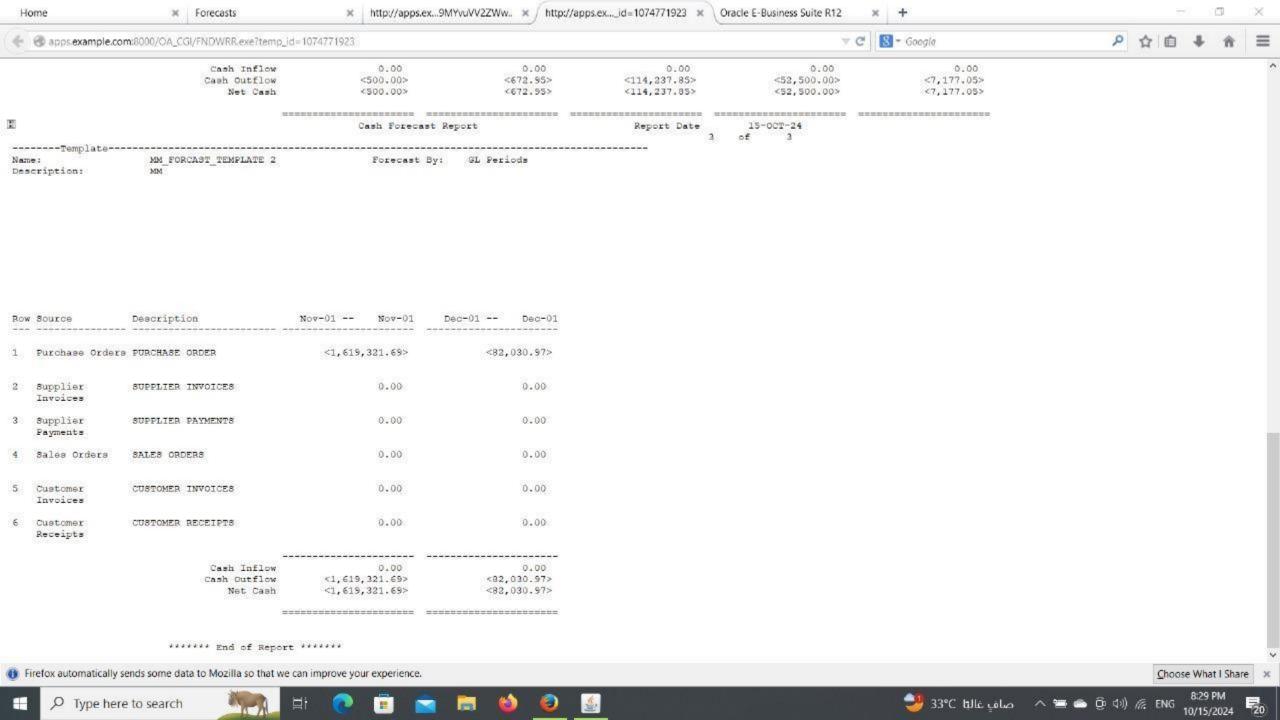








Choose What I Share ×



5. Reconcile with General Ledger

- Reconcile the Cash Management sub-ledger with the General Ledger.
- Ensure all cash transactions have been correctly recorded and posted.

1. Reconciliation with General Ledger Using Oracle ERP

Objective: Ensure that all cash transactions recorded in the Cash Management module are accurately reflected in the General Ledger, maintaining data consistency and preventing errors in financial reporting.

Steps

in Oracle ERP:

- 1. Extract Cash Transactions: Navigate to Cash Management \rightarrow Reports \rightarrow Cash Transactions Summary. Filter by the relevant period and type of transactions (e.g., deposits, payments).
- 2. Generate General Ledger Reports: Go to General Ledger \rightarrow Reports \rightarrow Account Analysis and extract a detailed report of cash-related accounts for the same period.
- 3. Identify and Analyze Discrepancies: Compare the Cash Management transactions with the General Ledger entries. Look for missing records, incorrect values, or duplicate entries.
- 4. Post Adjustments if Needed: If discrepancies are found, create adjustment entries through General Ledger \rightarrow Journals \rightarrow Create Journal Entry, ensuring each entry is documented properly.
- 5. Verify and Confirm: Run a Trial Balance Report to ensure both systems are now fully aligned. Outcome: All discrepancies have been resolved, and the Cash Management and General Ledger are fully synchronized.

6. Review and Adjust Cash Forecasting Model

- Finalize adjustments to the cash forecasting model based on end-of-period results.
- Create a detailed forecast for the upcoming period.

2. Cash Forecasting Review and Adjustment Using Oracle ERP

Objective: Analyze previous cash forecasts, adjust the model where necessary, and create a new forecast aligned with actual financial conditions.

Steps

in Oracle ERP:

- 1. Retrieve Actual Cash Flows: Go to Cash Management \rightarrow Reports \rightarrow Cash Flow Statement and extract actual inflows and outflows for the current period.
- 2. Compare Forecast vs. Actuals: Use Cash Management \rightarrow Forecasts \rightarrow Compare Forecast vs. Actuals to analyze any deviations between previous forecasts and actual performance.
- 3. Update the Forecast Model: Adjust the forecast model by accounting for changes, such as delayed payments or unexpected expenses. Go to Forecasts → Create/Update Forecast to input new assumptions and data.
- 4. Generate a New Forecast for the Next Period: Create a forecast based on: Expected Revenues: From outstanding invoices. Anticipated Expenses: Including payroll, vendor payments, and operational costs. Cash Reserves and Planned Investments. Export the forecast as a report for management review.

Outcome: The new forecast aligns better with actual cash flows, improving the organization's ability to plan ahead. Challenges and Lessons Learned

- 1. System Challenges: Some complex transactions required manual reconciliation, despite Oracle's auto reconciliation tools.
- 2. Delayed Payments: Payment delays from clients affected cash flow, emphasizing the need for closer follow-up.
- 3. Unexpected Expenses: Unplanned operational costs highlighted the importance of maintaining cash reserves. Lessons Learned: Automation is Key: Leveraging Oracle's tools more effectively will reduce manual work. Continuous Monitoring: Regularly reviewing forecasts ensures accuracy and timely adjustments. Proactive Communication: Building stronger relationships with clients and vendors minimizes delays. Recommendations
- 4. Maximize Use of Automation: Utilize Oracle's automated reconciliation tools more effectively to save time and reduce errors.
- 5. Scenario Planning: L Use the forecasting tool to simulate different scenarios (e.g., best-case and worst case) for better preparedness.
- 6. Ongoing Training: Regularly train the finance team on Oracle ERP's features to keep them updated on best practices.

Thank you for your attention. If there are any questions, We would be happy to answer them

