

Case Study Financial Accounting - Accounts Receivable (FI - AR)

This case study describes an integrated process of external accounting and provides the understanding of the individual process steps and the incoming SAP functionality.

Product

S/4HANA 1809 Global Bike

Fiori 2.0

Level

Bachelor Master Beginner

Focus

Financial Accounting Accounts Receivable

Authors

Babett Ruß

Version

3.3

Last Update

May 2019

MOTIVATION

In this case study you will create various customer invoices, initiate their payment, and cancel and reassign incorrectly posted payments

A majority of the data already exists in the SAP system. The stored data, known as master data, simplifies the processing of business processes. Examples include customer data, charts of accounts and G/L accounts.

PREREQUISITES

Before you work on the case study, you should familiarize yourself with navigation in the SAP system.

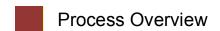
To carry out this FI case study successfully, it is not necessary to have the FI exercises (FI 1 to FI 3) or FI case study AP processed. However, it is recommended.

NOTES

This case study uses the model company Global Bike Group, which was developed exclusively for SAP UA Curricula.







Learning Objective Understand and manage a process of external accounting.

Time 125 Min.

Scenario To handle an external accounting process, you will take on different roles within Global Bike. You will be working in the Finance (FI) department.

Employees involved Silvia Cassano (Accounts Payable Specialist)

Shuyuan Chen (Head of Accounting) Clayton Bartolome (Accounts Officer)

In this case study, you will enter various customer invoices in the system. The preceding process of the sales order, possible production / ordering of materials as well as outgoing goods is not considered in this scenario.

In order to understand the different conditions, you will first see the terms of payment that you have negotiated with your customers and, if applicable, update their master data.

After you have successfully verified this information, you will be posting the payment for all customer invoices in the system. These are partially booked with discounts. Check the effect of this booking on the relevant accounts.

Unfortunately, you will find out later that some incoming payments have been wrongly entered in the system. The case study will be split into two cases:

- Problem scenario 1: Your customer Motown Bike has informed you by telephone that delivery for the First Aid Kit FAID with the reference ### Motown 2 is no longer needed. Therefore, you must reverse the document for the receivables from the delivery and services (cancel the billing document). Also, check the influence of this on your balance sheet
- Problem Scenario 2: Your customer Philly Bikes has two outstanding payments for the same amount. He settles the first payment with a false reference, which is why you mistakenly settle this payment with the first outstanding invoice. You must therefore reset and reassign the payment.
- Problem Scenario 3: You also incorrectly posted a receipt of payment from your Windy City Bikes customer. Therefore, you have to completely cancel the payment.

The SAP system distinguishes between these:

- Reversal from goods and services where no payment has yet been made (cancel billing document)
- Document reversal for payment already made
- Defer and reversal of payment already made. Since these postings are income statement effective you will see an impact on the balance sheet.

[First, take a look at an overview of your invoices / bookings.

				Cash
Customer	Text	Reference	Price	discount
Motown Bikes	Inv: Bicycle Accessories	### Motown 1	5.000	Yes
Motown Bikes	Inv: First Aid Kit FAID	### Motown 2	2.000	Yes
Philly Bikes	Inv: Men's Off Road Bike ORMN	### Philly 1	3.500	No
	Inv: Women's Off Road Bike			
Philly Bikes	ORWN	### Philly 2	3.500	No
	Inv: Professional Touring Bike-Red			
Big Apple Bikes	PRTR3	### Apple 1	6.000	No
Peachtree Bikes	Inv: Helmet RHMT & OHMT	### Peachtree 1	10.000	No
	Inv: Bike & Accessories DXTR1,			
Windy City Bikes	BOTL	### Windy 1	4.000	No

Table of Content

Process Overview	2
Step 1: Change terms of payment for Customer	4
Step 2: Create customer invoice	7
Step 3: Display customer balances	15
Step 4: Post an incoming payment	17
Step 5: Display the customer balances	23
Step 6: Scenario 1 Cancel the invoice	26
Step 7: Scenario 2 Change the invoice assignment	31
Step 8: Scenario 3: Resetting and revers incoming payments	39



Step 1: Change terms of payment for Customer

Task Change the terms of payment of your customer.

Time 10 Min.

Short Description Change the terms of payment of your customer Motown bikes to grant him discount.

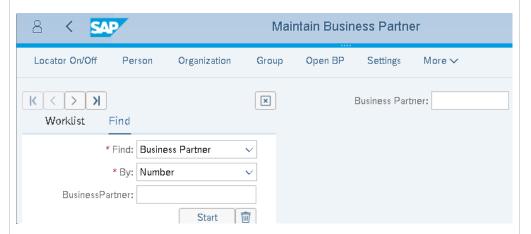
Name (Position) Silvia Cassano (Accounts Payable Specialist)

Your customer Motown Bikes has negotiated new terms with your finance department. If the customer settles his bill within 14 days, you will automatically grant him a 2% discount. To do this automatically during incoming payment posting, you must change your customers master data. By maintaining this information in the master record, SAP automatically calculates rebates and discounts.

[To change your customer's master record, use the Fiori App *Maintain Business Partner*.]



You will see the following screen:



[Use the **F4** Help in the Business Partner field to find your customer Motown Bikes. In the pop-up *business partner number*, you use your three-digit number ### for search term 1, which you have received from your instructor in order to find your customer in the *Partners*, *General* tab.]

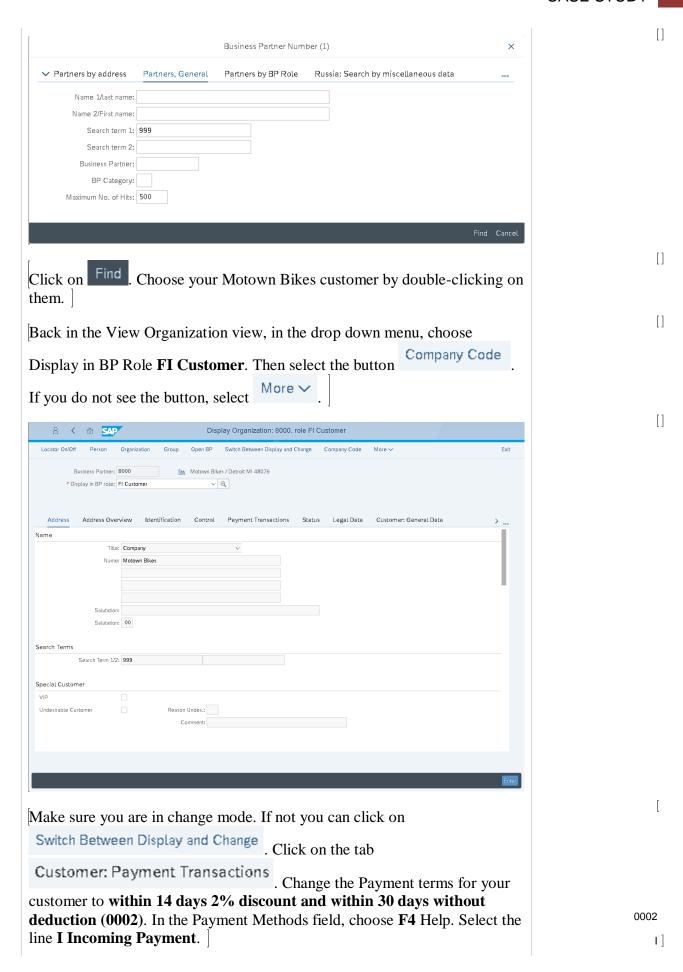
Scenario

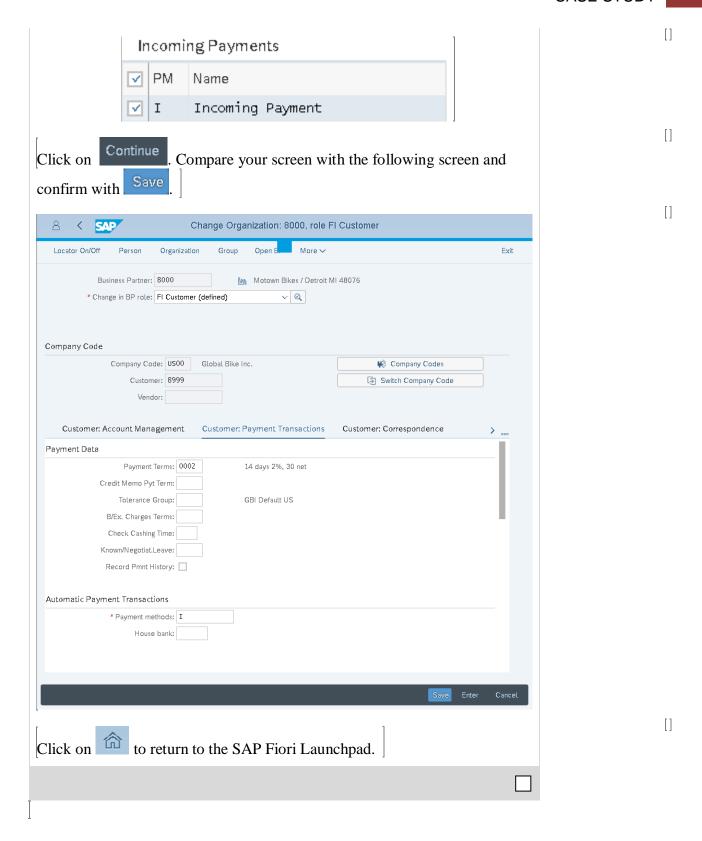
[] Fiori App]

[]

[

]







Step 2: Create customer invoice

Task Create multiple accounts receivable invoices.

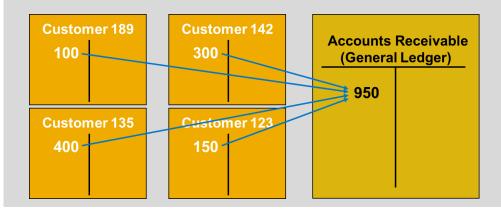
Time 35 Min.

Short Description Use the SAP Fiori Launchpad to manually enter multiple customer invoices in the system.

Name (Position) Silvia Cassano (Accounts Payable Specialist)

In this step, you will enter six customer invoices in the system. The term **debtor** comes from Latin and means in accounting the debtor of money, service or commodity. With the new accounting law (nAL), this collective account is now called trade receivables instead of debtors.

Accounts receivable accounts are accounting accounts that record trade receivables. This represents the credit given towards customers. The customer account summarizes the receivables from the subledger, where accounts are maintained for each individual customer. This subledger is called accounts receivable. In the general ledger (GL), in turn, a collective account is kept, in which all customer credit balances or debtors from the subledger are taken over.



To create a customer invoice use the Fiori app Create Outgoing Invoices.

Create Outgoing Invoices

If the following popup appears, enter US00 as company code and confirm with Continue

If not, then click on the button Company Code

Company Code

Scenario

Fiori App]

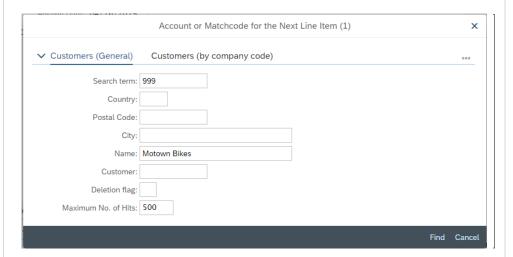
[]

US00



In the screen *Enter Customer Invoice* search for your customer number of Motwon Bikes by using **F4** help or button in the customer field.

Enter your search term ### and your customer's name **Motown Bikes** and choose Find



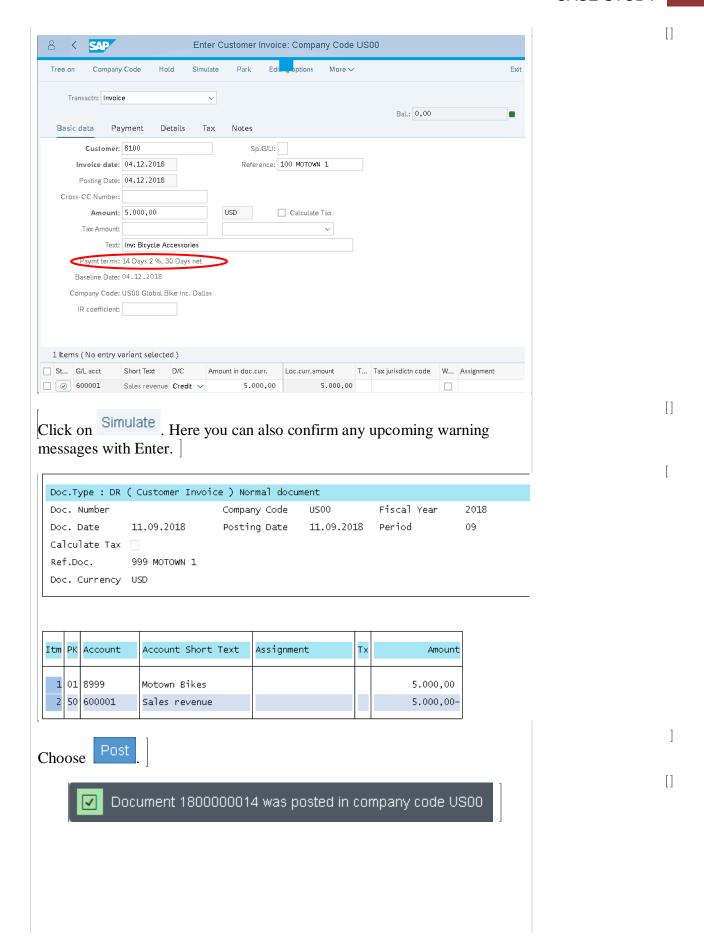
Double-click on your customer to select him. Enter **today's** date as the invoice date, **5000** as the amount. For reference, enter **### Motown 1** and for text **Inv: Bicycle Accessories**.

In the Items section, enter **600001** (Sales proceeds) for G / L account, for D/C select **Credit** and for Amount in document currency enter **5000**. Confirm with Enter. Confirm any upcoming warning messages with Enter.

Note that the SAP System automatically pulls the payment terms.

[] ### Motown Bikes

[today, 5.000 ### Motown 1 Inv: Bicycle Accessories] [600001 Credit 5000]



[]

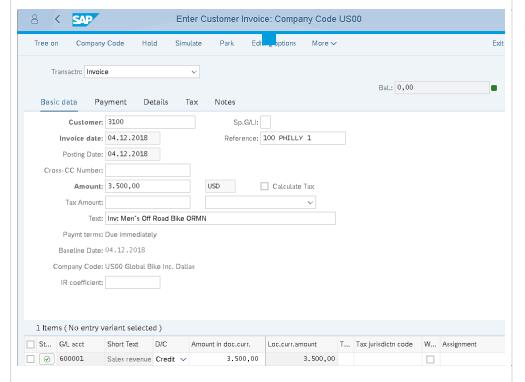
Repeat this step for your customers Philly Bikes, Big Apple Bikes, Peachtree Bikes and Windy City Bikes.

Start with the customer invoice from Philly Bikes over \$3.500 for the Men's Off Road Bike ORMN.

First search for your customer. After that enter the today's date as invoice date, **3500** as Amount. As Reference enter ### Philly 1 as for Text Inv: Men's Off Road Bike ORMN.

In the section Items enter **600001** (sales revenue) for G/L acct, for D/C choose **Credit** and for Amount in doc curr. enter **3500**. Confirm with Enter. ter. Confirm any upcoming warning messages with Enter.

Compare your Vergleichen Sie Ihre Eingaben mit dem folgenden Screenshot und wählen Sie



[You will receive the following success message:]

☑ Document 1800000015 was posted in company code US00

Repeat this step for the following invoices:

Customer Invoice ### Apple 1

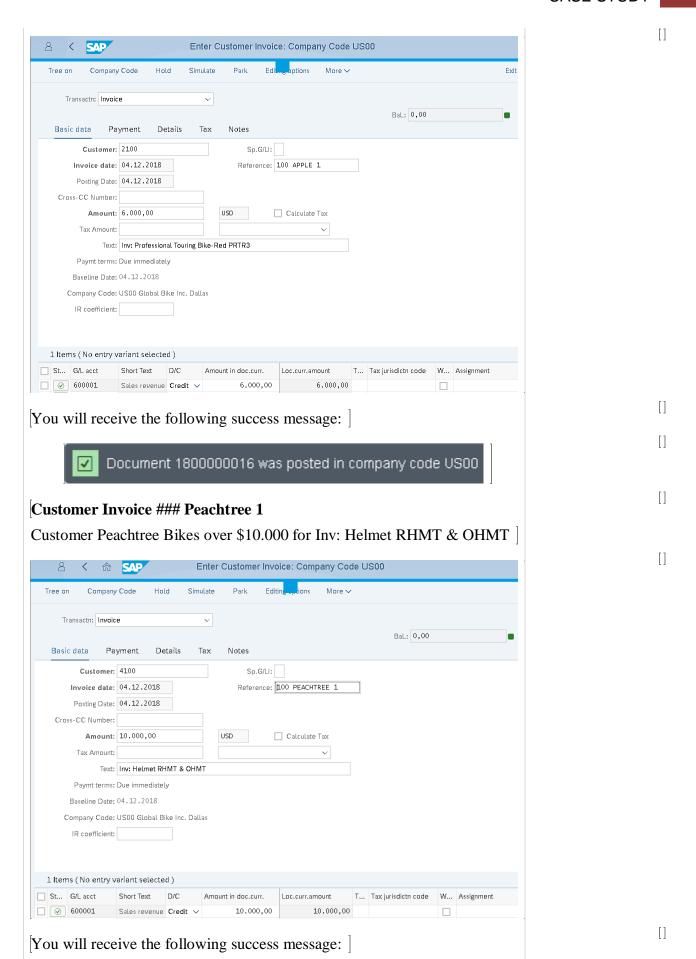
Customer Big Apple Bikes over \$6.000 for Inv: Professional Touring Bike-Red PRTR3.]

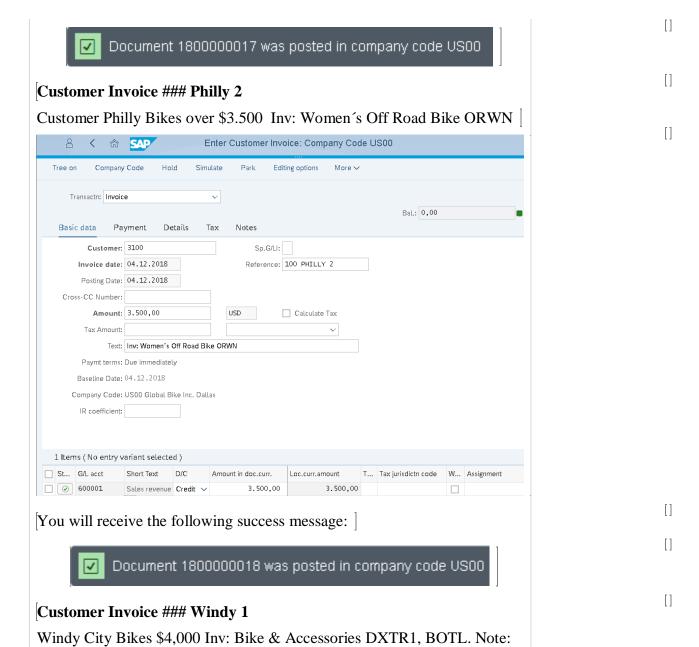
[Today 3500 ### Philly 1, Inv: Men's Off Road Bike ORMN] 600001 Credit 3500]

[]

[]

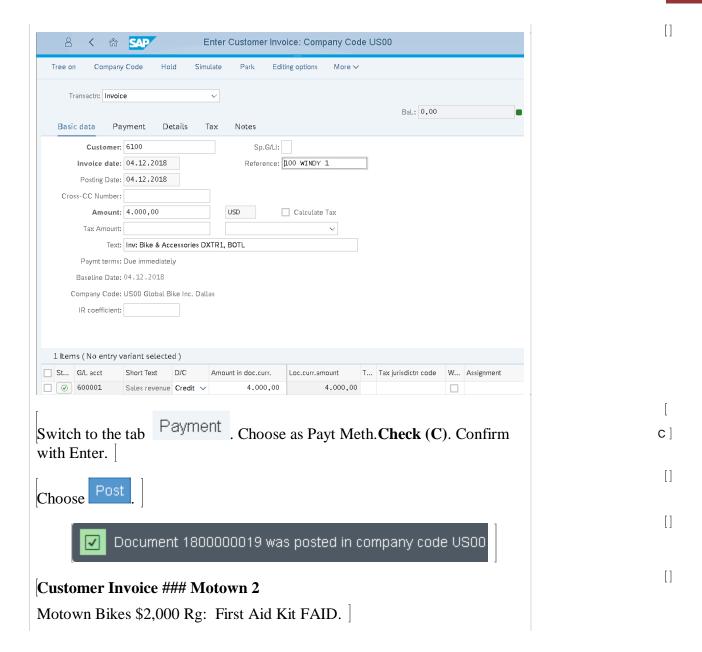
[]

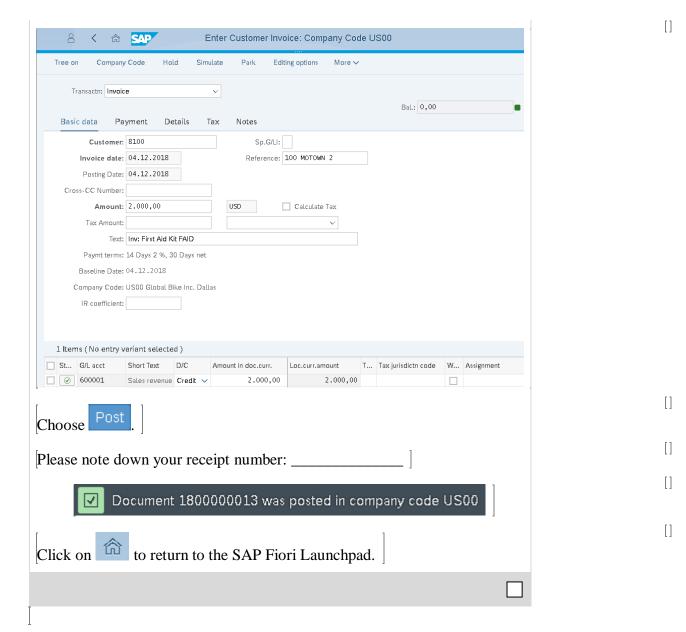




Your customer wants to pay by check. First, enter the necessary data as in

the previous steps







Step 3: Display customer balances

Task Display the customer balances

Time 10 min

Short Description Use the SAP Fiori Launchpad to display different customer balances after you entered various invoices/ receivables in the system.

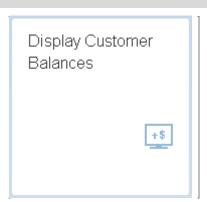
Name (Position) Silvia Cassano (Accounts Payable Specialist)

In the following step you can display balances for all customers as an example.

Scenario

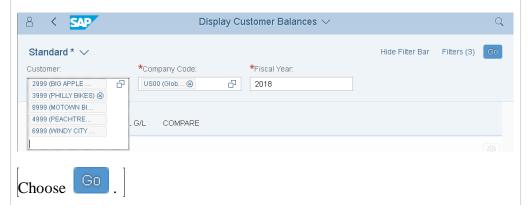
Fiori App

Use the app *Display Customer Balances* to display the open balances

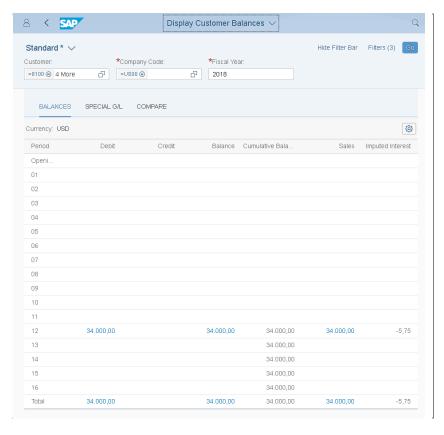


In the *Display Customer Balances* screen search for your customers **Motown Bike, Philly Bikes, Big Apple Bikes, Peachtree Bikes** and **Windy City Bikes**. Also enter the company code **US00** and the **current year** as Fiscal year.

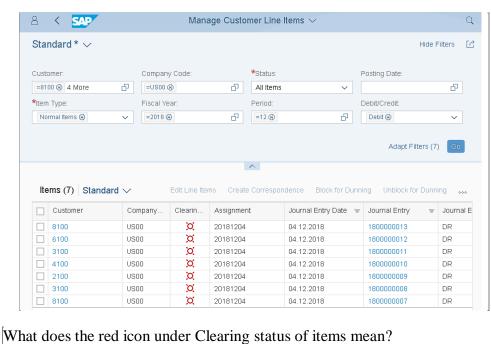
Motown Bike, Philly Bikes, Big Apple Bikes, Peachtree Bikes , Windy City Bikes, US00 current year]



[]



Navigate to your debtors individual documents by clicking on the open items in the column Debit.



to return to the SAP Fiori Launchpad.

© SAP UCC Magdeburg Page 16



Step 4: Post an incoming payment

Task Post an incoming payment.

Time 15 min

Short Description Use the SAP Fiori Launchpad to post the incoming payment from the task before.

Name (Position) Silvia Cassano (Accounts Payable Specialist)

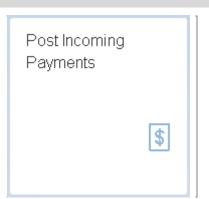
In this step, you post the incoming payment for the following customer invoices: ### Motown 1, ### Philly 1, ### Apple 1, ### Peachtree 1, ### Windy 1

Scenario

Fiori App

[]

Use the app *Post Incoming Payments* to create a customer invoice.



Enter for Company Code **US00**, **today** for posting and journal entry date, ### **Motown 1** as Reference the **current period**, **100000** as G/L account, and **4900 USD** as Amount. Choose Enter.

US00, today, ### Motown 1 current period, 100000, 4900 USD,

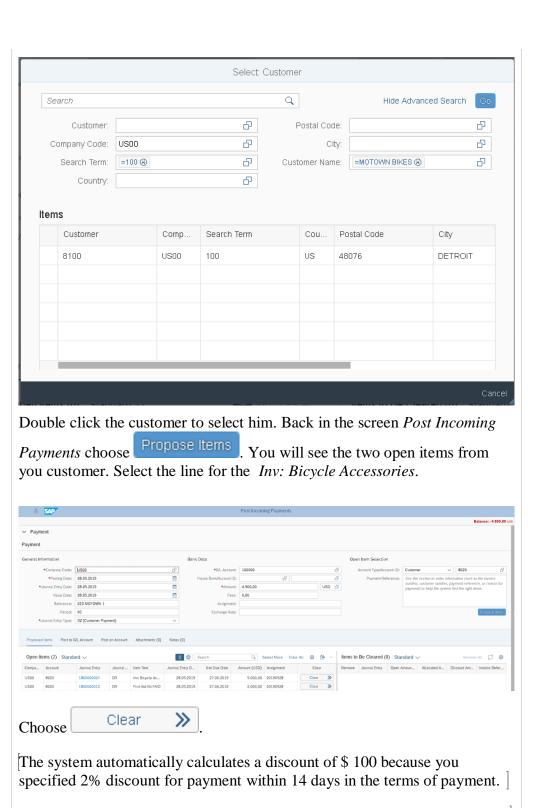


Under open item search for your customer Motown Bikes.

Remove A

Discount ...

100,00



Items to Be Cleared (1) Standard ✓

1800000014 5.000,00 🗓

Open Am...

Balance: 0,00 USD

Journal E ...

Remove

≪

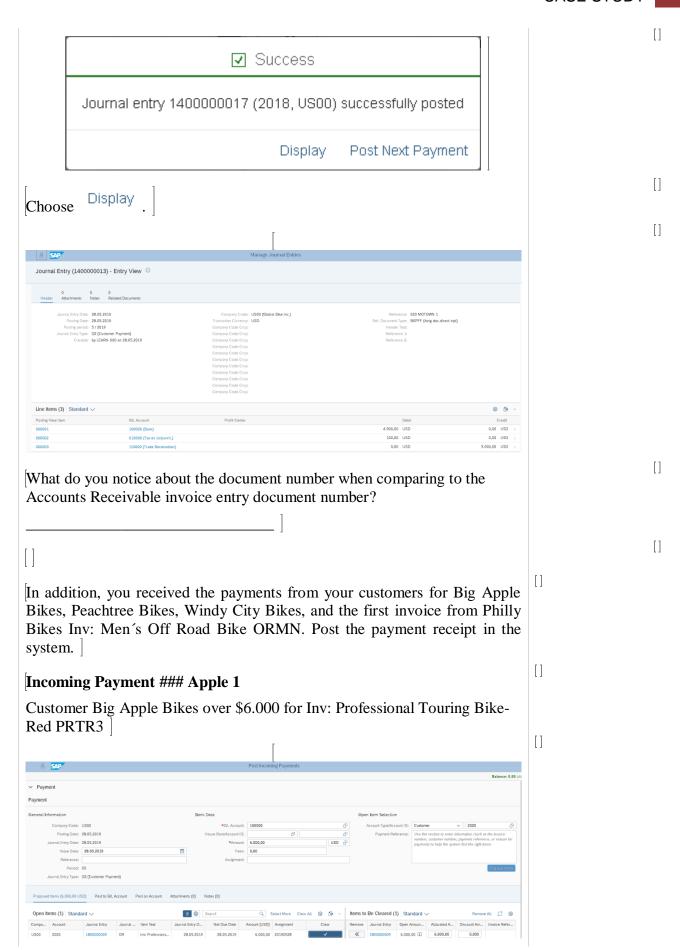
Check if the balance is

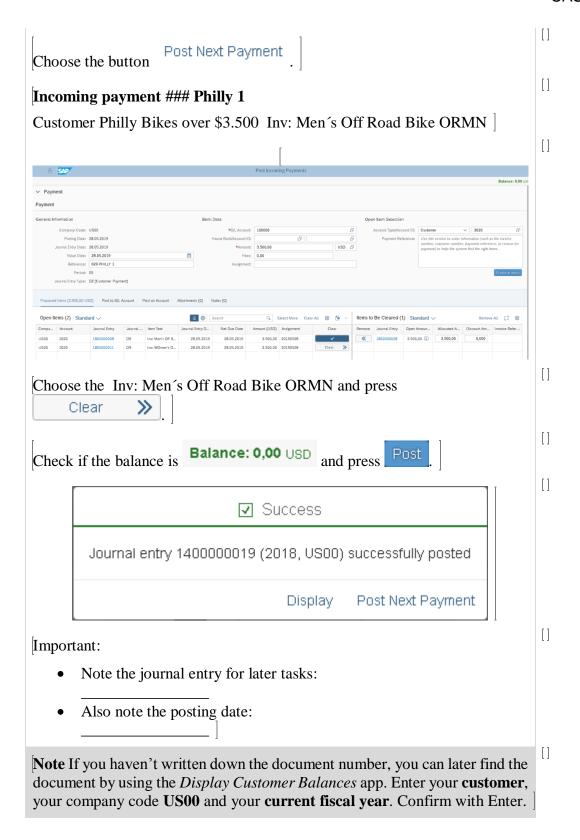
© SAP UCC Magdeburg Page 18

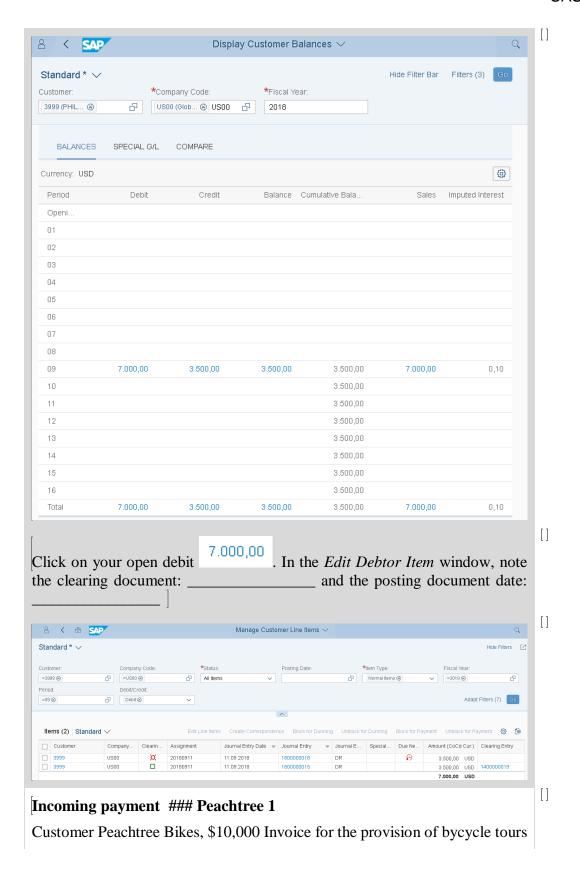
Allocated ...

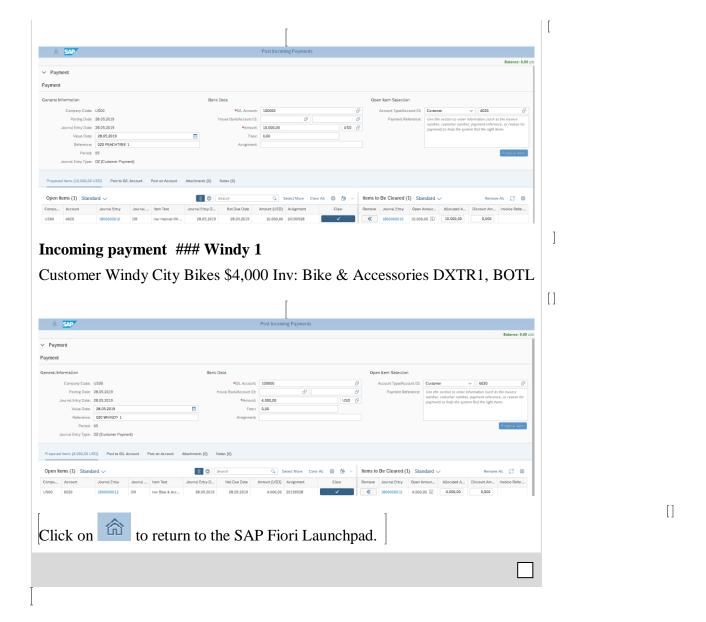
5.000,00

and press











4999 (PEACHTRE.

6999 (WINDY CITY

Choose

COMPARE

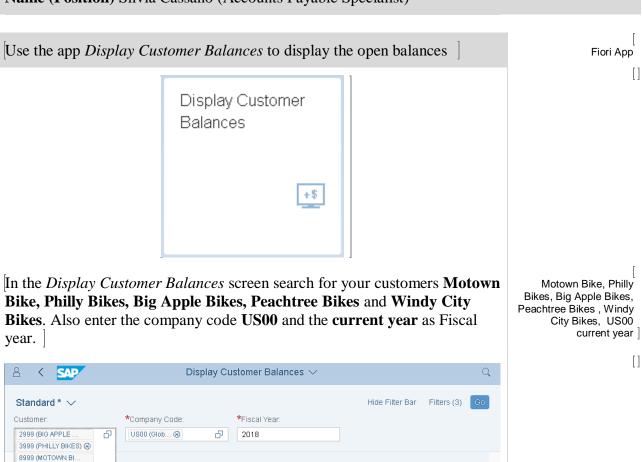
Step 5: Display the customer balances

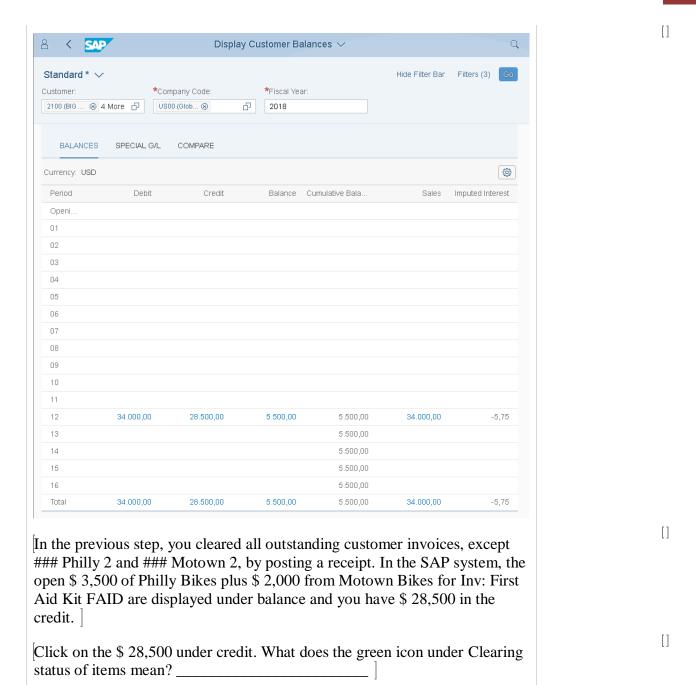
Task Display the customer balances.

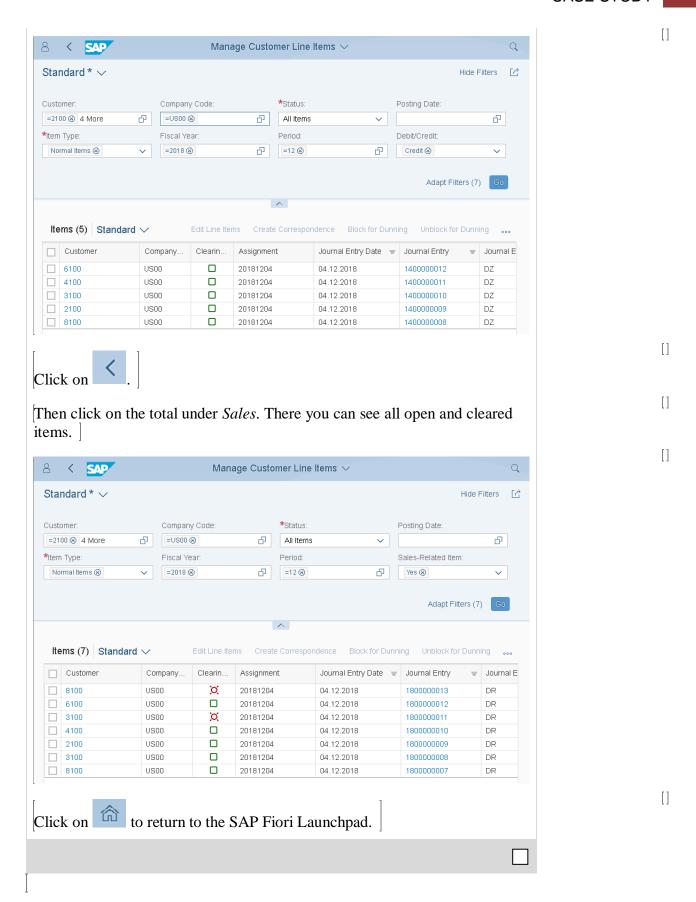
Time 5 Min

Short Description Use the SAP Fiori Launchpad to display the customer invoice from Philly Bikes which you had created in the step before.

Name (Position) Silvia Cassano (Accounts Payable Specialist)









Step 6: Scenario 1 Cancel the invoice

Task Cancel the invoice from a customer.

Time 10 min

Short Description Use the SAP Fiori Launchpad to cancel the invoice from you customer Motown Bikes.

Name (Position) Silvia Cassano (Accounts Payable Specialist)

Problem Scenario 1:

Scenario

Your customer Motown Bike has informed you by telephone that the delivery of the First Aid Kit FAID with the reference ### Motown 2 is no longer needed. Therefore, you must cancel the invoice document for the trade accounts receivable. Also, check the influence of this on your balance sheet.

Step 1: Use the app *Display Financial Statement* to see the effect of the open invoices.

Fiori App

Display Financial
Statement

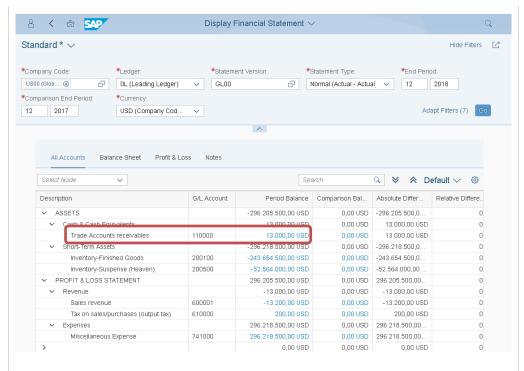
For company code enter **US00**, Ledger **0L** and Statement Version **G000**. Make sure that you select the **period** in which you made the posting from the

US00 0L G000 Period

previous step in the End and Comparison End periods. Select unfold the tree path in the *All Accounts* tab.



and



Look for the line Trade Accounts receivables. What amount is displayed to you?

Please note that the amount you see depends on the steps you and the other users performed before and could be different to the screenshot.

Click on 6

to return to the SAP Fiori Launchpad.

Step 2: Use the app *Manage Journal Entries* to view the open balances.



Enter **US00** for company code. In addition, fill in the data for the **Journal Entry** and the **Journal Entry Date** that you noted in Task 2 for Motown

Bikes 2 and choose

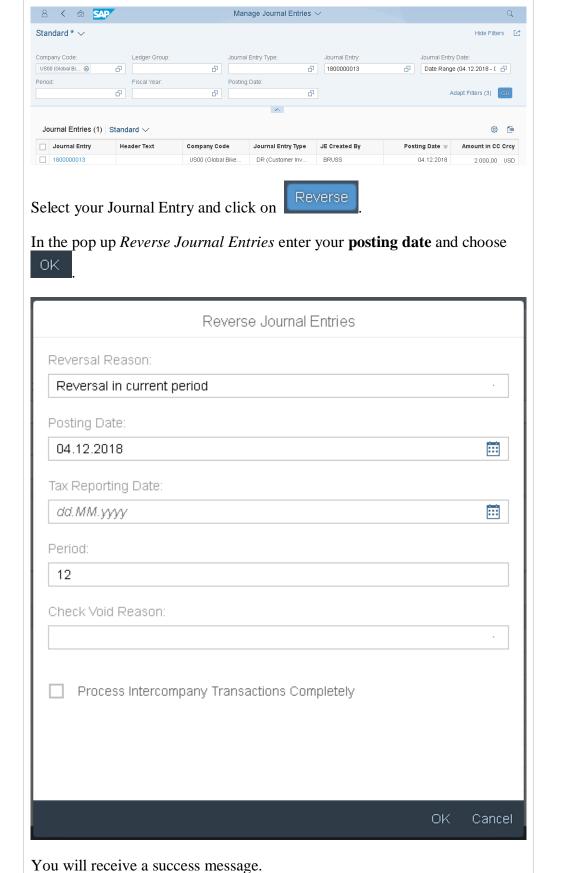


Note You can find your Journal Entry number and date by using the app **Display Customer Balances** as descripted in step 4. Enter your customer,

Fiori App

US00 Journal Entry Journal Entry Date

your company code US00 and your current fiscal year. Confirm with Enter. Click on your debit in the current period.



Posting date

Click on to return to the SAP Fiori Launchpad.

Step 3: Use the app *Display Financial Statement* to view the impact of the reversal.

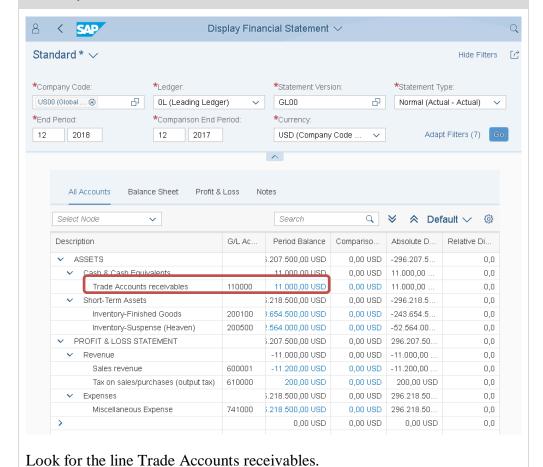


For company code enter **US00**, Ledger **0L** and Statement Version **GL00**. Make sure that you select the **period** in which you made the posting from the

previous step in the End and Comparison End periods. Select and unfold the tree path in the *All Accounts* tab.

US00 0L GL00 Period

Note If you don't see the field to enter click on



What amount is displayed to you?	
Where does the difference to the previous step come from?	
Click on to return to the SAP Fiori Launchpad.	



Step 7: Scenario 2 Change the invoice assignment

Task Change the assignment of the customer invoice from Philly Bikes.

Time 15 min

Short Description Use the SAP Fiori Launchpad to change the assignment of the payment.

Name (Position) Silvia Cassano (Accounts Payable Specialist)

Problem Scenario 2:

Scenario

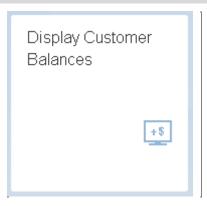
Unfortunately, an error has crept into your work. You had two bills over \$3,500 each for your customer Philly Bikes.

- ### Philly 1: Inv: Men's Off Road Bike ORMN
- ### Philly 2: Inv: Women's Off Road Bike ORWN

The amount of money received from Philly Bikes over 3500 USD has been misclassified by your customer. That's why you have assigned the payment to the reference ### Philly 1. Your customer has now informed you that the payment should balance the invoice with reference ### Philly 2. You have to correct this now. Unlike Step 8, in which you later cancel the entire incoming payment, you simply have to change the assignment here. The money remains with us and only the compensation allocation and thus the still due documents are exchanged.

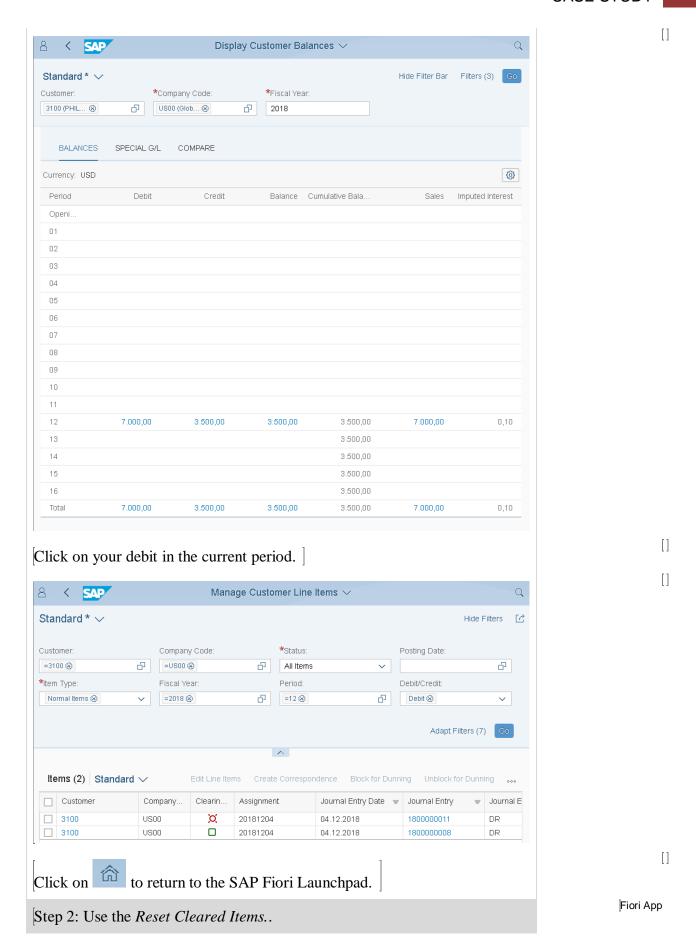
Step 1: Use the app *Display Customer Balances* to display open balances.

Fiori App



In the Display customer Balances screen, look for your customers **Philly Bikes**, also enter your company code **US00** and the **current year** as fiscal year.

Philly Bikes, US00, Fiscal Year



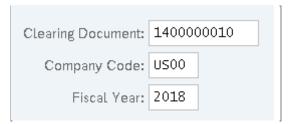


In the *Reset Cleared Items* screen, enter your **Clearing Document** from Philly Bikes (Step 4), **US00** as the company code, and the **current fiscal**

year. Click on

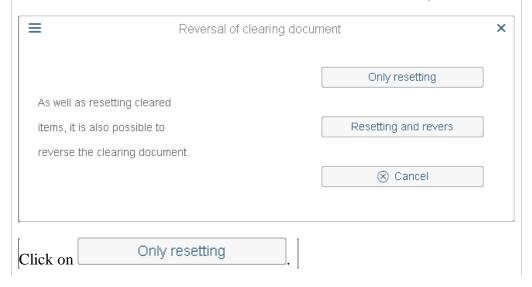


Note You can find your Clearing Document by using the app Display Customer Balances as described in Step 4. Enter your **customer**, your company code **US00** and your current **fiscal year**. Confirm with Enter. Click on your debit in the current period.



In the following pop up *Reversal of clearing document*, you now have two options

- Only resetting: The assignment of the payment to the open item will be canceled
- Resetting and revers: The assignment of the payment to the open item is reversed and the incoming payment is canceled.



Clearing Document
US00
Current fiscal year]

[]

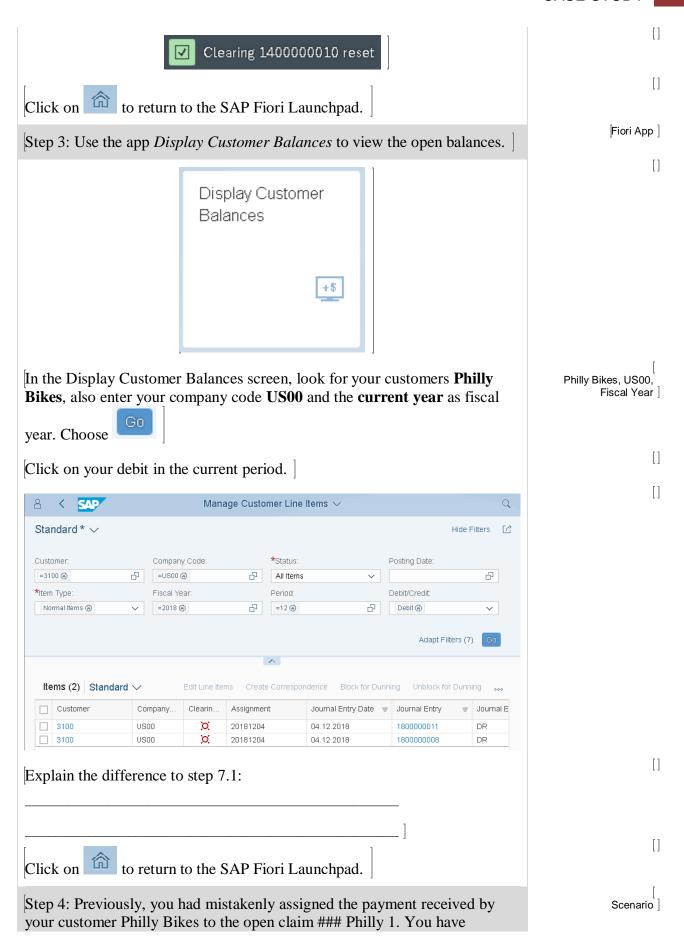
[]

[]

[]

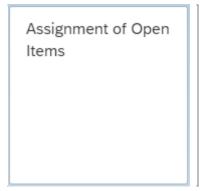
.

[]



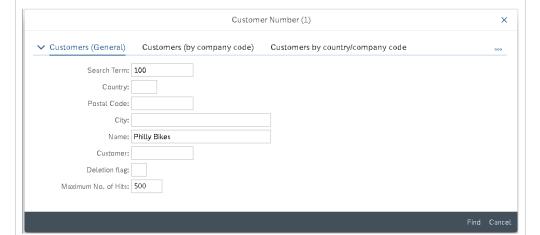
withdrawn this assignment in the previous step. In this step, you must assign the open items to the following customer invoice: ### Philly 2.

Use the app Assignment of Open Items.



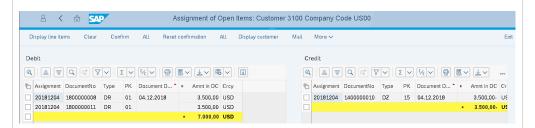
In the Customer account field, choose the F4 help.

Please enter ### for the search term and your customer **Philly Bikes** as the name. Choose Find.



Back in the screen Assignment of Open Items enter your Company Code

US00 choose Execute.



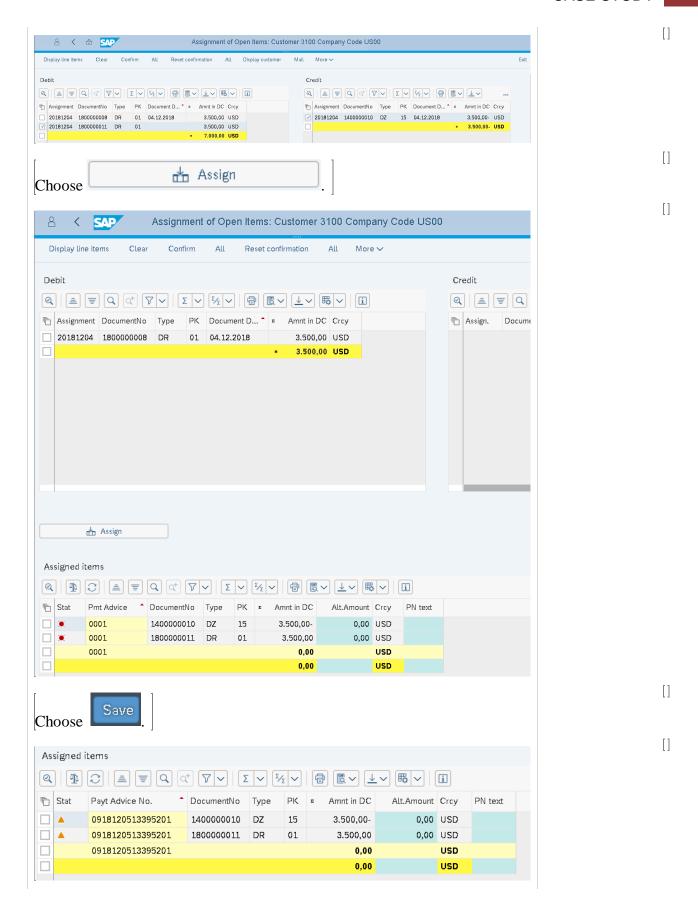
Under Debit you can see the two outstanding claims against your customer Philly Bikes. The column Credit shows you the incoming payment over 3500 Euro. Assign your second customer's bill to the payment. Select the second row Debit and the rowunder Credit.

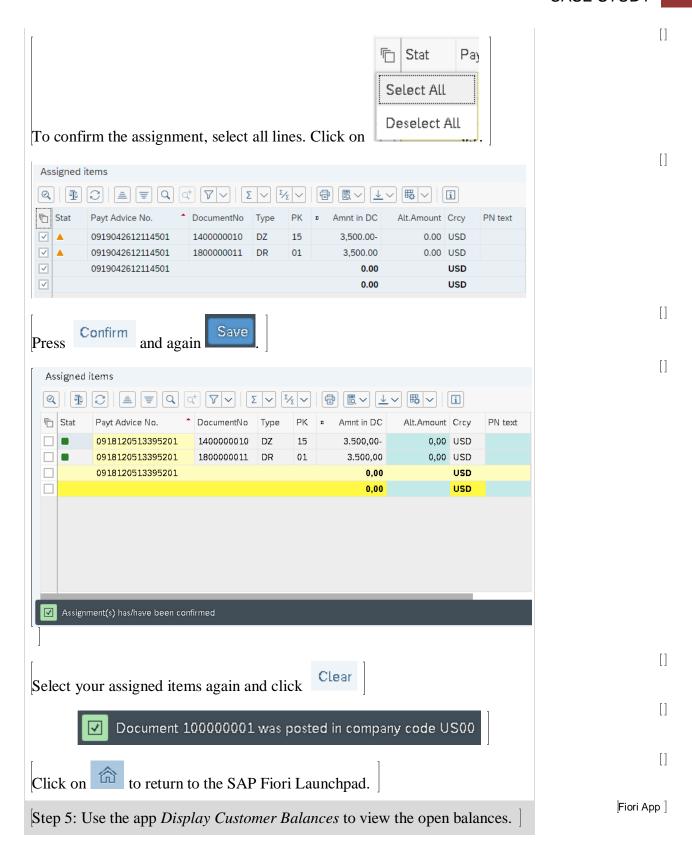
Fiori App]

[] ### Philly Bikes]

US00]

CASE STUDY

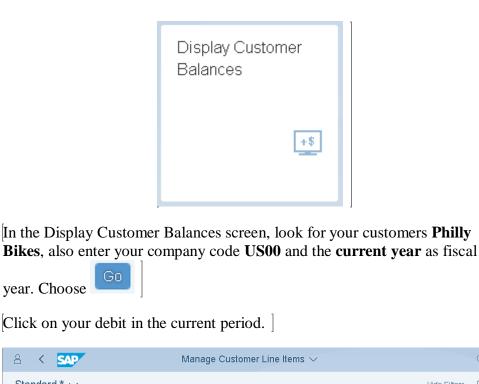


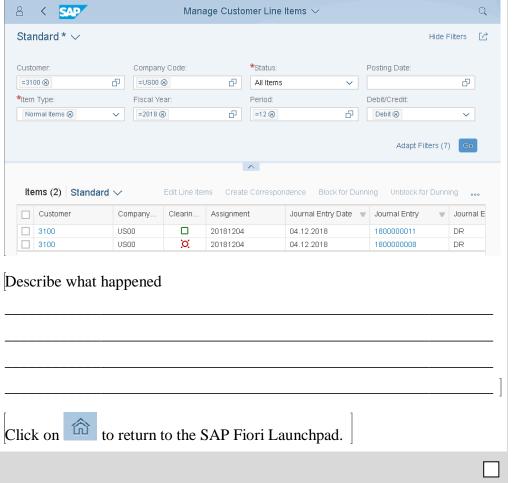


Philly Bikes, US00, Fiscal Year]

[]

[]





year. Choose



Step 8: Scenario 3: Resetting and revers incoming payments

Task Cancel and withdraw the payment.

Time 15 min

Short Description Use the SAP Fiori Launchpad to take back the incorrectly registered payment receipt as well as the assignment to your customer Windy City Bikes.

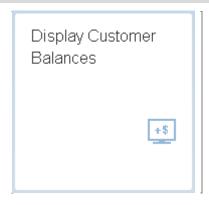
Name (Position) Silvia Cassano (Accounts Payable Specialist)

Problem Scenario 3: You incorrectly assigned and posted a receipt to a wrong customer. You therefore have to completely cancel the payment.

Scenario

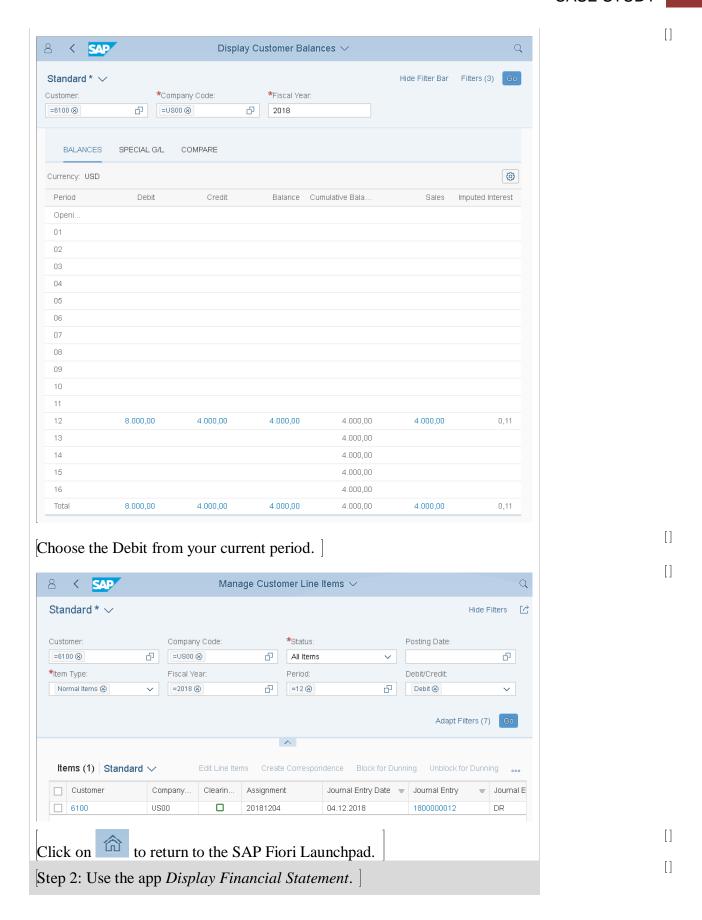
Step 1: Use the app *Display Customer Balances* to display the balances.





In the *Display Customer Balances* screen search for your customer **Windy City Bikes**. Also enter the company code **US00** and the **current year** as Fiscal year.

Windy City Bikes, US00 current year]

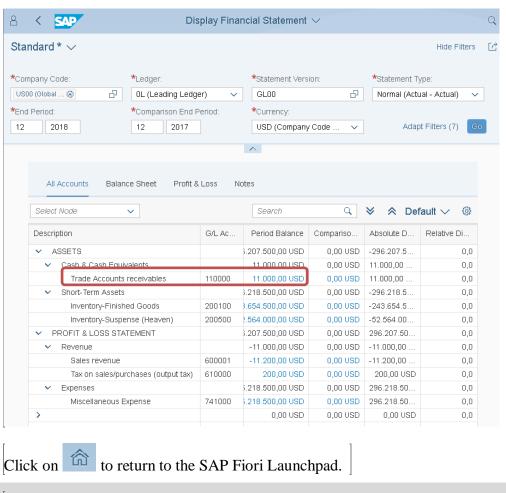




For company code enter **US00**, Ledger **0L** and Statement Version **GL00**. Make sure that you select the **period** in which you made the posting from the

previous step in the End and Comparison End periods. Select unfold the tree path.

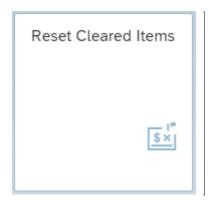
oom the US00 OL GL00 Period]



Step 3: Use the app Reset Cleared Items.

| Fiori App

[]



In the *Reset Cleared Items* screen, enter your **Clearing Document** from Windy City Bikes (Step 4), **US00** as the company code, and the **current**

fiscal year. Click on

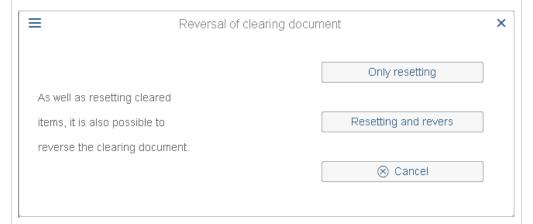


Note You can find your Clearing Document by using the app Display Customer Balances as described in Step 4. Enter your **customer**, your company code **US00** and your current **fiscal year**. Confirm with Enter. Click on your debit in the current period.



In the following pop up *Reversal of clearing document*, you now have two options

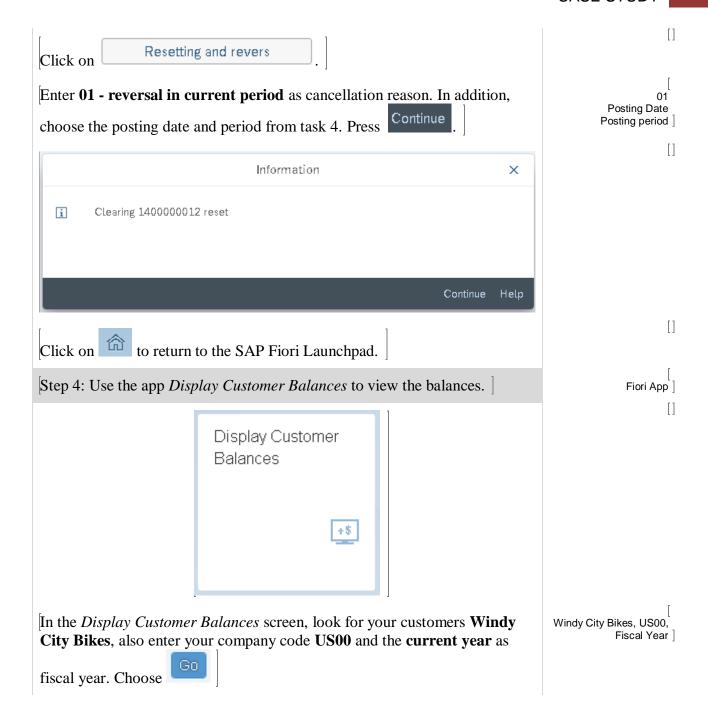
- Only resetting: The assignment of the payment to the open item will be canceled
- Resetting and revers: The assignment of the payment to the open item is reversed and the incoming payment is canceled.

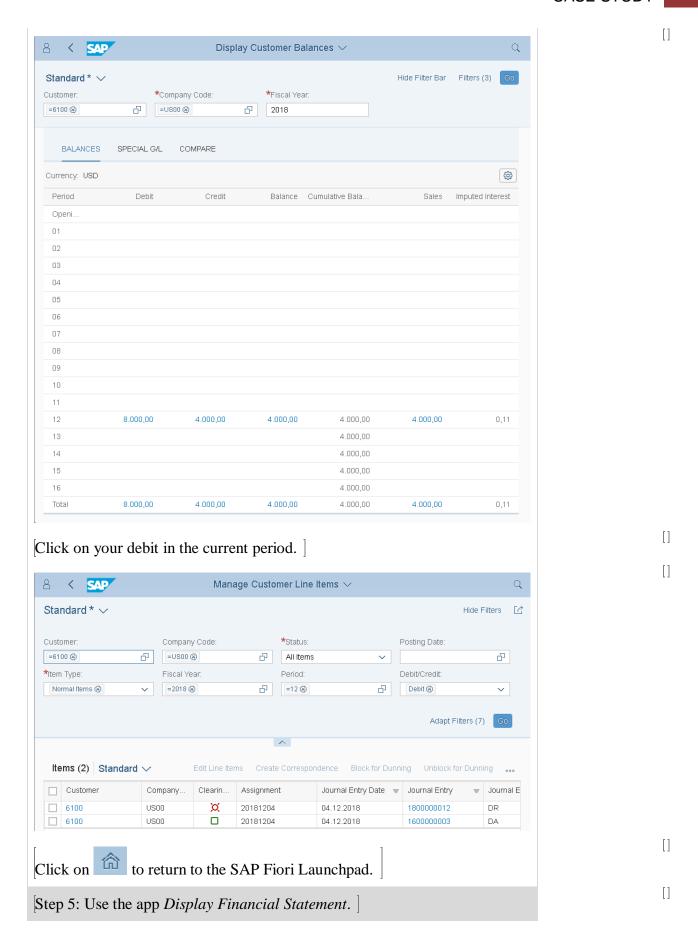


Clearing Document US00
Current fiscal year]

[]

[]







For company code enter **US00**, Ledger **0L** and Statement Version **GL00**. Make sure that you select the **period** in which you made the posting from the

previous step in the End and Comparison End periods. Select unfold the tree path.

US00 0L GL00 Period]

and

8 < SAP Display Financial Statement $\,\sim\,$ Q Standard * ~ Hide Filters [2] *Company Code: *Statement Version: *Statement Type: US00 (Global ... 🛞 OL (Leading Ledger) GL00 Normal (Actual - Actual) *Currency: *End Period: *Comparison End Period: 2017 USD (Company Code ... 2018 12 Adapt Filters (7) All Accounts Balance Sheet Profit & Loss Notes Select Node Search Description G/L Accn Period Balance | Comparis... Absolute .. Relative -296.203.500,00 USD 0,00 USD -296.203. ASSETS Cash & Cash Equivalents 15.000,00 USD 0,00 USD 15.000,0. 110000 15.000.00 USD 0,00 USD 15.000,0. Trade Accounts receivables Short-Term Assets -296.218.500,00 USD 0,00 USD -296.218.. Inventory-Finished Goods 200100 -243.654.500,00 USD 0,00 USD -243.654.. -52.564.000,00 USD 0,00 USD -52.564.0.. Inventory-Suspense (Heaven) 200500 PROFIT & LOSS STATEMENT 296.203.500,00 USD 0,00 USD 296.203... -15 NOO OO USD Revenue 0,00 USD -15.000,0. 600001 -15.200,00 USD 0,00 USD -15.200,0.. Sales revenue Tax on sales/purchases (output tax) 610000 200,00 USD 0,00 USD 200,00 USD 0,00 USD 296.218.... 296.218.500,00 USD Expenses Miscellaneous Expense 741000 296.218.500,00 USD 0,00 USD 296.218.. 0,00 USD 0,00 USD 0,00 USD to return to the SAP Fiori Launchpad.

[]