

Financial Accounting (FI)

This document is intended to help instructors understand the case study process and manage the learning process in and outside the classroom. The main focus lies on prerequisites and common tasks such as testing and trouble-shooting.

Product

SAP S/4HANA 2022
Global Bike

Fiori 3.0

Level

Instructor

Focus

Financial Accounting

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4.2

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MOTIVATION

Theoretical lectures explain concepts, principles, and theories through reading and discussion. Therefore, they enable students to acquire knowledge and gain theoretical insights. In contrast, case studies allow them to develop their abilities to analyze enterprise problems, learn and develop possible solutions, and make sound decisions.

The main objective of the Global Bike case studies in general is for students to understand the concept of integration. These descriptive and explanatory case studies will allow students to understand the importance and the advantages of integrating enterprise areas using an S/4HANA system.

The main goal of this document is to help instructors prepare the SAP system for the Financial Accounting case study process and to support them trouble-shoot problems that might occur during the course.

Beside technical and didactic prerequisites, the lecturer notes list SAP transactions for testing and correcting student results in the SAP system. In addition, this document describes common problems and explains their reason and solution.

Prerequisites

Note Before using this case study in your classroom please make sure that all technical (month-end closing, user management etc.) and didactic prerequisites are fulfilled. Such prerequisites are briefly pointed out below. Detailed documentation can be displayed at and downloaded from the *Learning Hub of SAP UA* or the *UCC websites*.

Technical Prerequisites

The case study is based on a standard SAP S/4HANA client with the current Global Bike dataset. Before processing the case study on your own or with your students all general setting should be checked.

Note With the current version of the Global Bike a **year-end closing** is necessary for asset accounting. If you do not use asset accounting, you can skip this step.

You will need the **SAP GUI** for the year-end closing. You can find a link to an installation file and the necessary system data in your delivery email. Furthermore, the **MASTER** user must carry out the year-end closing, as both TEACH and LEARN users do not have the necessary authorizations.

Post any outstanding depreciation. To do this, execute transaction **AFAB**. In the screen that opens, enter **DE00** as the *Company Code*, the **past year** for the *Fiscal Year* and **12** as the *Posting Period*. Then **uncheck Test Run**.

Year-end closing

SAP GUI

MASTER user

 AFAB
 DE00
 past year
 12
 Test Run

Posting Parameters

* Company Code:	DE00	to:		
Accounting Principle:		to:		
* Fiscal Year:	2023			
* Posting Period:	12			

Parallel Processing

Server Group:	
Number of Parallel Processes:	10

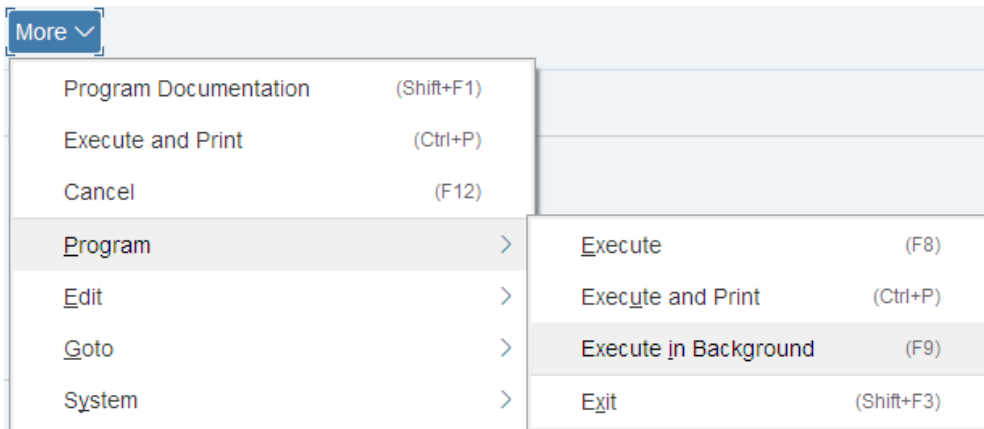
Output Options

Totals Log:	<input checked="" type="radio"/>
Detailed Log:	<input type="radio"/>
No Output Log:	<input type="radio"/>
Layout:	

Test Run Parameters

Test Run:	<input type="checkbox"/>			
Asset:		to:		
Sub-number:		to:		

Now select *More* → *Program* → *Execute in Background* or press F9, as processing in the foreground is not possible.



Enter **LOCL** as the *Output Device* in the window that opens.

LOCL

Output Device:

* Number of Copies:

Page Area

☒ Everything

☐ Page to:

Properties

Print Time:

Confirm the selection and confirm a subsequent information message.

In the *Start Time* window that opens, press to carry out an *Immediate Start*.

Date/Time

☒ Immediate Start

Press , you then return to the initial screen and the system displays a successful status message.

☒ Background job was scheduled for program FAA_DEPRECIATION_POST [View details](#)

AFBP
DE00
past year
12

Exit the transaction and execute transaction **AFBP**. In the screen that opens, enter **DE00** as the *Company Code*, the **past year** for the *Fiscal Year* and **12** as the *Posting Period*.

Parameter

* Company Code:	DE00
Accounting Principle:	
* Fiscal Year:	2023
* Posting Period:	12

Press **Execute** to call up the corresponding protocol.

Make sure you find an entry *Depreciation posting run* that matches the previous execution time. This entry must be completed and posted without errors.

Entries found	Status	Start d...	Start Ti...	Runtime	Update
Depreciation posting run		04.01.202	09:35:20	00:00:01	Updated

Exit the transaction and next execute transaction **FAGLGVTR**. Enter **DE00** as the *Company Code* and the **current year** for the *Carry Forward to Fiscal Year*.

FAGLGVTR
DE00
current year

Selection

Ledger:		to:		
Company Code:	DE00	to:		
* Carry Forward to Fiscal Year:	2026			

Options

☒ Test Run: ☒ Aggregated ☐ Detailed

Reset Central Balance Carryfwd: ☐

Reset Asset Acct.-Specific BCF: ☐

Press **Execute** to carry out a test run with the selected settings. If you receive the following error message, balances must be carried forward from the fiscal year **2022 to the current year**.

2022 – current year

Ty...	Message Text	Long
	The first balance carryforward run must be from fiscal year 2021.	

Then **uncheck Test Run** and carry forward the balance (for several years if necessary). Finally, you will receive an overview of the balances carried forward.

Test-Run

The values in the following screenshot may differ from your values.

Display of Balances for Run 1 (#8)						
<input type="checkbox"/> Ledger	Company Code	Account Number	Account Description	Original Account	Profit Center	Amnt in CompCd CrCy CompanyCode Currency
<input type="checkbox"/>						0,00 EUR
>	OL / DE00	1000000	Inventories of raw materials, consumables and supp (1)			2.000,00 EUR
>	OL / DE00	1040000	Work in progress (inventories) (2)			563.711.600,00 EUR
>	OL / DE00	1100000	Finished goods and merchandise (inventories) (2)			756.802.000,00- EUR
>	OL / DE00	1140000	Merchandise inventories (1)			2.500.000,00 EUR
>	OL / DE00	2970000	Retained profits brought forward before appropriat (1)			190.607.800,00 EUR
>	OL / DE00	3300000	Trade payables (1)			19.400,00- EUR

Exit the transaction and now execute the transaction **FAA_CLOSE_FISC_YEARS**. Enter **DE00** as the *Company Code* and the *past year* for *Fiscal Year to Be Closed*. Then **uncheck Test Run**.

FAA_CLOSE_
FISC_YEARS
DE00
past year
Test Run

Closing Parameters			
* Company Code:	DE00	to:	<input type="text"/>
Ledger:	<input type="text"/>	to:	<input type="text"/>
* Fiscal Year to Be Closed:	2023		

Test Run Parameters	
Test Run:	<input type="checkbox"/>

Press **Execute** to carry out the year-end closing. A log of the production run is then displayed. There should be no error messages here.

***** Productive Run *****				
Company Code:		DE00		
Ledger:		OL		
Fiscal Year To Close:		2023		
CoC...	Led...	Status	Message Text	Asset
DE00	OL	▲	*** General Consistency Check ***	
		▲	No segment for legacy data transfer was created yet in company code	
		■	*** Check Incomplete Assets ***	
		■	*** Check Inactive Assets ***	
		■	*** Check Posted Depreciation ***	

Exit the transaction and finally execute transaction **FAA_CMP**. Double-click on **OL** below **DE00** in the tree structure on the left-hand side of the screen to open the corresponding ledger.

FAA_CMP
OL

General Information

Company Code: DE00 Global Bike Germany GmbH
Country/Region Key: DE

Ledger Settings

Ledger: 0L Leading Ledger Fiscal Year Variant
Highest F.Year: 2024

Depreciation Area Settings

Select Entry	D...	Name of Depreciation Area	CI.FY	Last Day in CI.FY
<input type="checkbox"/>	1	Book depreciation	2023	31.12.2023
<input type="checkbox"/>	2	Special tax depreciation for APC in fin.stat...	2023	31.12.2023
<input type="checkbox"/>	15	Tax bal.sht.	2023	31.12.2023
<input type="checkbox"/>	20	Cost-accounting depreciation	2023	31.12.2023
<input type="checkbox"/>	30	Consolidated balance sheet in local curre...	2023	31.12.2023
<input type="checkbox"/>	31	Consolidated balance sheet in group curr...	2023	31.12.2023
<input type="checkbox"/>	32	Book depreciation in group currency	2023	31.12.2023
<input type="checkbox"/>	41	Investment support deducted from asset	2023	31.12.2023
<input type="checkbox"/>	51	Investment support posted to liabilities	2023	31.12.2023

In the *Ledger Settings*, the *Highest F.Year* should show the **current year** and in the *Depreciation Area Settings*, the **past year** is the *CI.FY* of all depreciation areas.

current year
past year

Your asset accounting is now correct and prepared for the current year.

User accounts in the SAP system need to be created or unlocked.

User management

These student user accounts should end with a three-digit numeric number (e.g. LEARN-001, LEARN-002 etc.). This number will be represented by ### in the case study and helps differentiate customer accounts, products etc.

In an SAP S/4HANA Global Bike client, 1000 user accounts from **LEARN-000** to **LEARN-999** already exist. These users need to be unlocked. The initial password for each LEARN-### account is set to **tlestart**.

LEARN-000 to
LEARN-999
tlestart

The **User Maintenance (ZUSR)** app was developed in the Global Bike client in order to mass maintain SAP user accounts. For a detailed description of this and SAP standard apps for user management (**Single User** and **Mass User**) please refer to the *lecturer notes "User Management"* (see: current Global Bike curriculum → Chapter 99 – Instructor Tools).

ZUSR
Single User
Mass User

All LEARN-### user accounts have been assigned to the role **Z_UCC_GB_SCC** and have authorizations to use all applicative transactions in the SAP S/4HANA system. The role allows access to all transactions necessary for Global Bike exercises and case studies. If you need access to system-critical transactions, i.e. for development purposes, you may assign the composite profile **SAP_ALL** to your student accounts.

It is useful for the instructor to have a user account available for testing that has the same authorizations as the student accounts. You may use the predefined instructor account **LEARN-000** for this purpose.

Instructor account
LEARN-000

Didactic Prerequisites

In order to successfully process the case study, students should be familiar with the **navigation** in SAP systems, especially the SAP Fiori Launchpad, the SAP transaction concept as well as possible documentation and help options. We highly recommend using the *navigation slides* and the *navigation course* (see: current Global Bike curriculum → Chapter 2 – Navigation).

Navigation

In addition, it has been proven beneficial that students have a thorough understanding of the **historic background** and the enterprise structure of the Global Bike concern before they start working on the SAP system. For this purpose we recommend the *case study „Global Bike Inc.“* (see: current Global Bike curriculum → Chapter 3 – Global Bike).

Company background

Because the case study is not based on the exercises, it is not necessary to have processed the FI exercises before you start with the case study. However, it is recommended.

In order to function properly this case study needs a **Global Bike client version** that is equal or higher than the case study version (see cover page). Please check. If you do not know the client version please use the **Global Bike Version** app within your SAP S/4HANA system or contact your UCC team.

Global Bike client
version

Global Feedback

Do you have any suggestions or feedback about Global Bike? Please send it to our email-address **gbi@ucc.ovgu.de** which is used to gather feedback globally. All emails will be evaluated by the persons responsible for the curriculum bi-weekly. This way your feedback might influence future releases directly.

Please note that any support requests send to this email-address will be ignored. Please keep using the common support channels for your support requests.



Student Assessment

Note With the App below you can check and correct master and transactional data that your students have created during your course.

Global Bike Monitoring Tool

We are developing a Global Bike Monitor, which is available for the FI case study.

A detailed tutorial for this tool is available in the module *99 Instructor Tools* of the current Global Bike curriculum.

Please keep in mind that this transaction is an additional functionality designed by the UCC Magdeburg and still in development. Therefore, we kindly ask you to send any feedback or detailed error descriptions to the following address: **gbi@ucc.ovgu.de**



Problem: Parked Invoice


Symptom While posting the outgoing payment no open items can be found.

Reason The invoice was parked and not posted.

Solution Post the parked document.

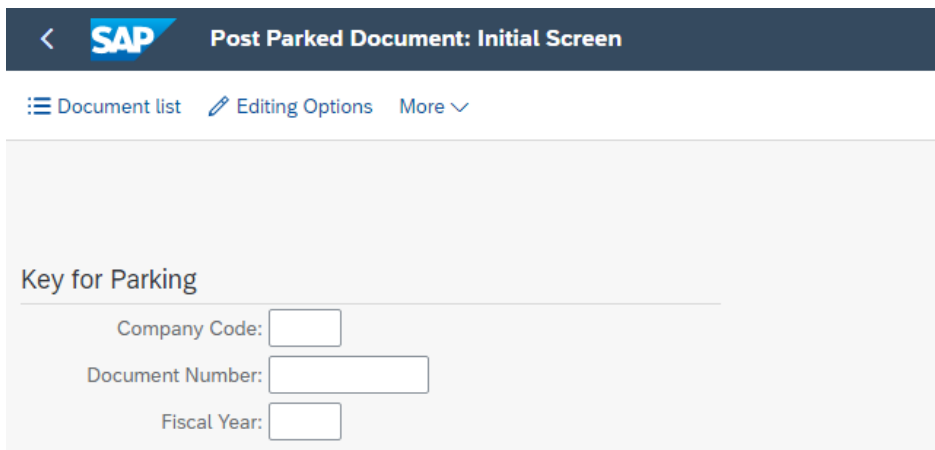
Error Message

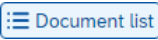
Upon processing the outgoing payments no open items can be found.

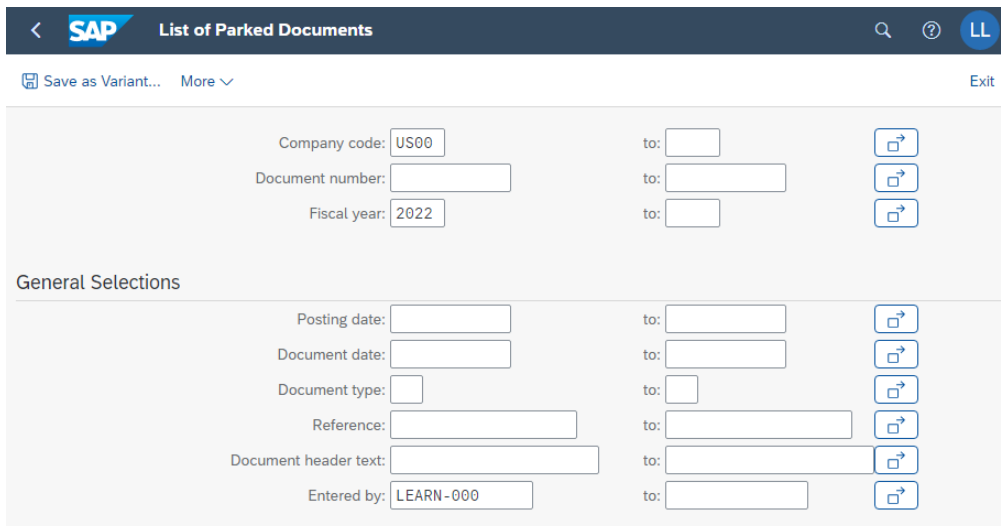
 No open items were found

Solution

Open app *Post Parked Document* which can be found via search. The following screen will open.



Click on  if you don't have the document number available. This will produce the following screen



Company Code **US00** and the **current fiscal year** should already be entered. If not please fill out the fields.

The *Entered by* field is already filled out with your **user account**, change it accordingly then hit **F8** or **Execute** button.

User account
F8

Double click the line to go to the *Edit Parked Vendor Invoice* screen. Select and save to post your parked invoice.



Solution: FI-AP Challenge

Motivation After you have successfully worked through the *Financial Accounting – Accounts Payable* case study you should now be able to solve the following slightly different task on your own.

Scenario The financial accounting module has now been tested without any errors. Therefore, the corporate management has decided to use this module productively. As a first request, you should pay the tool supplier *Burgmeister Zubehör OHG* in Germany. In order to do that, you will create the cost element *Tool expenses*. During the creation of the invoice, you need to select the correct cost center for this procurement. Subsequently, you will settle an invoice from *Burgmeister Zubehör OHG* totaling 3,000.00 Euro. You will review its impact on the financial statement.

While you are operating in company code Germany (*DE00*) you will use *180####6* for the bank account number, *330####6* for the reconciliation account, and *631####6* for the expense account.

Task Information Since this task is based on the *Financial Accounting – Accounts Payable* case study you can use it as guidance. However, it is recommended that you solve it without any help in order to test your acquired knowledge. Please pay specific attention to the different company code and make sure that you have created all necessary G/L accounts.

Create Bank Account in General Ledger

In the *Manage G/L Account Master Data* app you can create a bank account as described in the case study. Just enter **DE00** as *company code* (not US00).

DE00

New Company Code Assignment

Account Number: 1801006

HEADER CONTROL DATA  CREATE/BANK/INTEREST ADMINISTRATION CHANGE HISTORY

New Company
Code Assignment:*

DE00

The remaining steps of the transaction you can perform as described in the case study but with **EUR** as *currency*.

EUR

The next two steps *Create Reconciliation Account in General Ledger* and *Create Expense Account in General Ledger* you can perform as described before. Enter the *Company Code* **DE00** and proceed further as described in the case study. In the step *Create Expense Account in General Ledger* enter **Materials ###** as *Short Text* and **Material Expenses ###** as *G/L Acct Long Text*.

DE00

Materials ###
Material Expenses ###

You can skip the following step *Create Vendor Master Record for Landlord*, because an already existing vendor will be used.

Post Transfer of Funds to Alternate Bank Account

In the app *Post General Journal Entries*, check if the *Company Code* **DE00** is entered. If not please change it this way. Further, choose as *Currency* **EUR**.

DE00
EUR

Journal Entry Date: 04/14/2022
Posting Date: 04/14/2022
Period: 04
Journal Entry Type: SA
Company Code: DE00
Transaction Currency: EUR
Ledger Group:
Reference: 100
Intercompany Transac:
Partner Bus. Area:
Header Text: Transfer of Funds

The remaining steps of the transaction can be performed as described in the case study but choose your new bank account in **DE00** on the *debit* side.

DE00

Create Invoice Receipt for Rent Expense

In the app *Create Supplier Invoice*, enter your *Company Code* **DE00**. As *Invoice Date* choose the **current date** and as *Gross Invoice Amount* enter **3,000.00 EUR**. As *Reference*, please enter **### Burgmeister**.

DE00
Current date
3000 EUR
Burgmeister

Basic Data
Transaction: Invoice
Invoice Date: 04/14/2022
Company Code: DE00
Posting Date: 04/14/2022
Gross Invoice Amount: 3,000.00 EUR
Reference: 100 BURGMEISTER

In the *Invoicing Party* field, select the input help icon. As *Search Term* you can use your three-digit number (###). In the large *Search* field at the top left, enter **Burgmeister** and confirm your entries with Enter.

Burgmeister

Select: Invoicing Party

BURGMEISTER

Country: City: Search Term: =100 x

Supplier Name: Supplier: Company Code: =DE00 x

Items (1)

	Cou...	City	Search Term	Supplier Name	Supplier
	DE	BRAUNSCHWEIG	100	BURGMEISTER ZUBEHÖR OHG	113100

Perform the rest of the step as described in the case study, but with your new expense account **631###6** and the amount **3000** Euro. For the assignment to a CO object, use *cost center* **EUAD1000** in controlling area **EU00**.

631###6
3000
EUAD1000

Post Payment to Landlord

In the app *Post Outgoing Payment*, change the *Company Code* to **DE00**. Enter as *Journal Entry Date* enter the **current date**, as *G/L Account* your Bank Account **180###6**, as *Amount* **3,000 EUR**, and as *Reference* **Burgmeister ###**. Choose the **current period**.

DE00
Current date
180###6
3,000 EUR
Burgmeister ###
Current period

General Information	Bank Data
Company Code: * DE00	House Bank/Account:
Posting Date: * 04/14/2022	G/L Account: * 1801006
Journal Entry Date: * 04/14/2022	Amount: * 3,000.00 EUR
Value Date: MM/dd/yyyy	Fees: 0.00 EUR
Reference: BURGMEISTER 100	Assignment:
Period: 04	Exchange Rate:
Journal Entry Type: * KZ (Vendor Payment)	Amount/CCode Currency: 0.00 USD
Header Text:	
Profit Center:	

In the *Open Item Selection* area, check that as the *Account Type* **Supplier** is selected. As the *Account ID* enter your **Vendor/Supplier Number** for *Burgmeister*. If necessary, use the input help as before.

Supplier
Vendor Number

Continue with the rest of this step as described in the case study.

Run Financial Statement

To run the financial statement, use the app *Balance Sheet/Income Statement*. Proceed as described in the case study but change the *Company Code* to **DE00**. The general ledger balances of your bank account **180###6** for the current month should be as follows.

DE00

Balances		Compare		
Currency		EUR (Company Code Currency)		
		Previous Period Next Period		
Period	Debit	Credit	Balance	Cumulative Balances
Opening Balance				0.00
01.2022				0.00
02.2022				0.00
03.2022				0.00
04.2022	5,000.00	3,000.00	2,000.00	2,000.00
Totals	5,000.00	3,000.00	2,000.00	2,000.00

