CONFIGURATION DOCUMENT FOR S/4 HANA_1809

SAP FI

CONFIGURATION DOCUMENT (FI) ON S/4 HANA_1809
Created By: ASHISH AGGARWAL

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Contents

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

1. ENTERPRISE/ORGANSATION STRUCTURE

1. **Define Company**
   Company is the largest unit used for group reporting, consolidation etc.
   Example: Reliance group, Tata group etc.

   It can have multiple company codes under one company.

   Path: Enterprise Structure-----Definition------Financial Accounting-----Define Company.

   Change View "Internal trading partners": Details

   New Entries

Company	BMEL
Company name	BMEL INDIA LTD
Name of company 2	BMEL INDIA LTD

   Detailed information

Street	
PO Box	12898
Postal code	110062
City	New Delhi
Country	IN
Language Key	EN
Currency	INR

2. **Define Company Code**
   Company code is the smallest unit used for internal and external reporting.

   Path: Enterprise Structure-----Definition------Financial Accounting-----Edit, Copy, Delete, check Company code----- Edit Company code Data

   Change View "Company Code": Details

   New Entries

Company Code	BMEL
Company Name	BMEL INDIA LTD

   Additional data

City	NEW DELHI
Country	IN
Currency	INR
Language	EN

3. Assign company code to company.

It is required when we have multiple company codes (means company) under one company (means group) otherwise, we can skip the creation of company and start directly from creation of company code.

Path: Enterprise Structure-----Assignment------Financial Accounting-----Assign Company Code to Company.
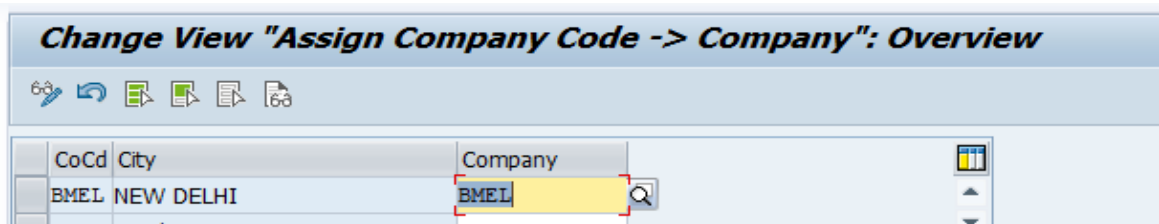
4. Define Fiscal Year Variant.

Every company follow some sort of period/year at the end of which it draws the financial statement to comply with legal requirements.

Fiscal year allow company to have different posting period in which different transaction related to its operation can be entered by.

Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----Fiscal Year and Posting Periods-----Maintain Fiscal year Variant.
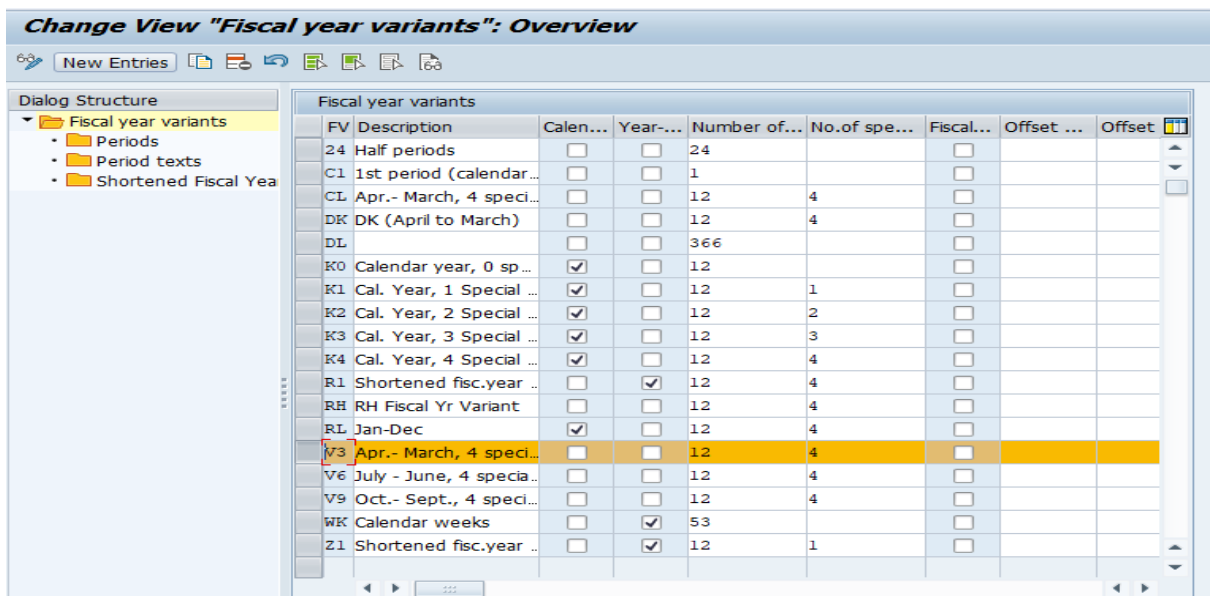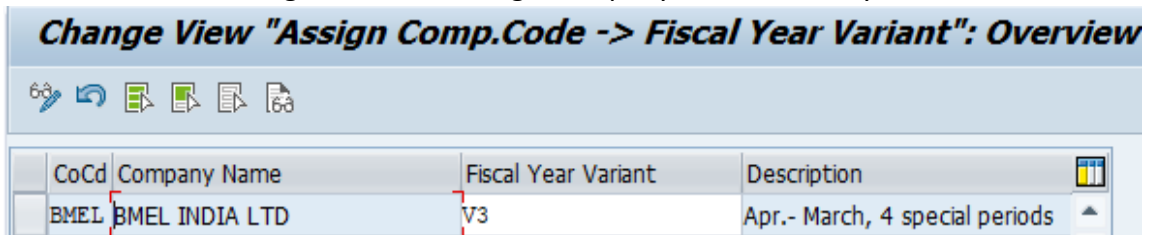
CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Note: Year dependent fiscal years means relevant for some particular year

Independent year means applicable for all the years.

5. **Assign Company Code to fiscal year variant.**

   Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----
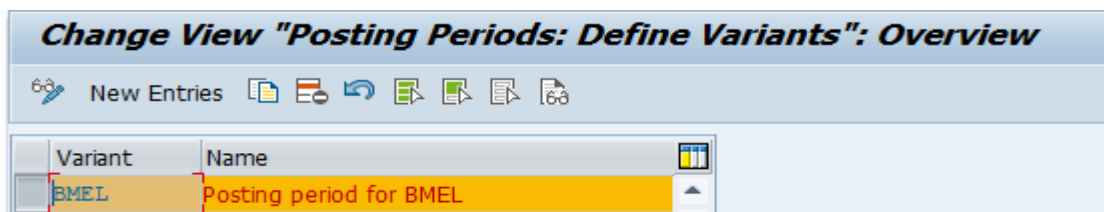   Fiscal Year and Posting Periods----- Assign Company Code to fiscal year variant

   Change View "Assign Comp.Code -> Fiscal Year Variant": Overview

CoCd	Company Name	Fiscal Year Variant	Description
BMEL	BMEL INDIA LTD	V3	Apr.- March, 4 special periods

6. **Define Posting Period Variant.**

   Used to maintain accounting periods opened for posting and all closing period are
   balanced.

   Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----
   Fiscal Year and Posting Periods-----Posting Periods-----Define Variants for Open
   posting periods.

   Change View "Posting Periods: Define Variants": Overview

   New Entries

Variant	Name
BMEL	Posting period for BMEL

7. **Assign Posting Variant to Company Code.**

   Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----
   Fiscal Year and Posting Periods-----Posting Periods----- Assign Variant to Company
   Code.

   Change View "Assign Comp.Code -> Posting Period Variants": Overview

CoCd	Company Name	City	Variant
BMEL	BMEL INDIA LTD	NEW DELHI	BMEL

8. **Define Open and closing periods**.
   Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----Fiscal Year and Posting Periods-----Posting Periods----- Define Open and Closing Periods.

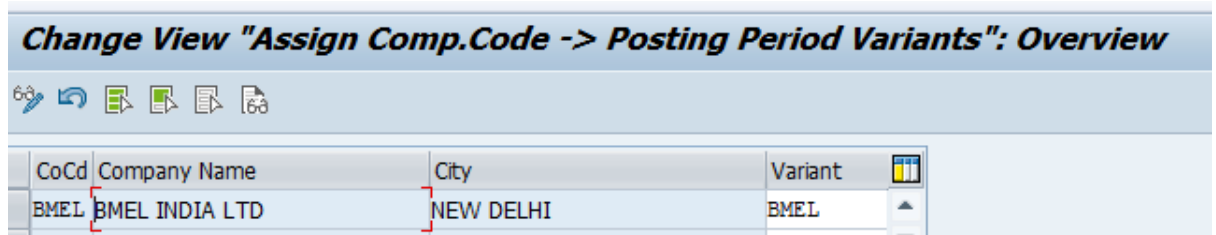   Every company needs to define the open periods for posting different business transaction for Posting period variant.
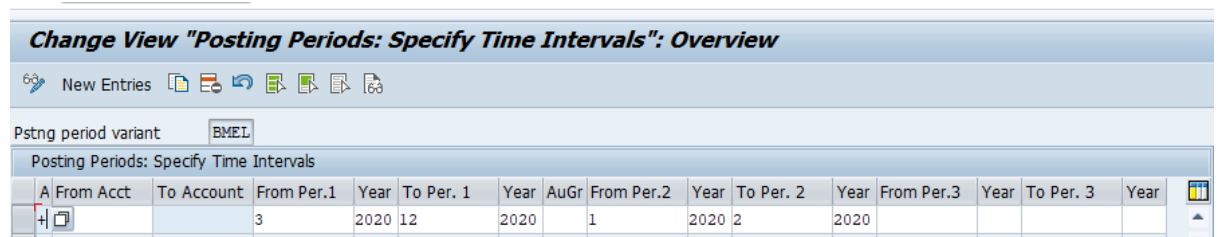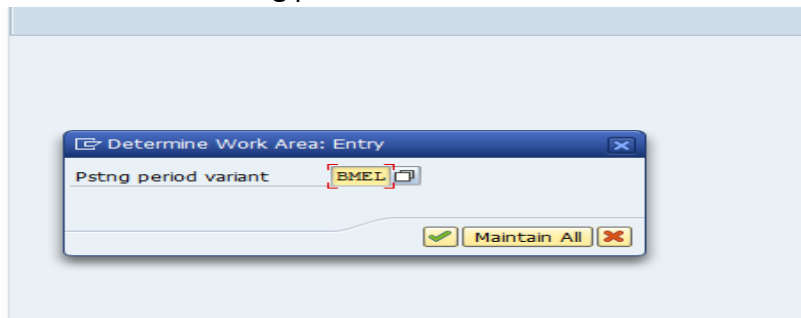
Particulars	Description
Plus	All transaction
A	Assets
D	Customer
K	Vendor
M	Material
S	General Ledger

II.   GENERAL LEDGER ACCOUNTING

9. **Define Charts of Accounts**

   Means the list of all General ledger defined for a company under different account group.

   Defined at company level and assigned to company code.

   Path: Financial Accounting-----General Ledger Accounting -----Master data-----G/L Accounts-----Preparations----- Edit Charts of Accounts List.

Charts of accounts can have three different functions:

- Operating chart of accounts
  The operating chart of accounts contains the G/L accounts that you use for daily posting in your company code. Financial Accounting and Controlling both use this chart of accounts.
  You need to assign an operating chart of accounts to a company code.
- Group chart of accounts
  The group chart of accounts contains the G/L accounts that are used by the entire corporate group. This enables group reporting.
  Assigning a group chart of accounts to an operating chart of accounts is optional.
- Country-specific chart of accounts
  A country-specific chart of accounts contains the G/L accounts needed to meet a specific country's legal reporting requirements

10. Assign company code to Chart of Accounts

  Path: Financial Accounting-----General Ledger Accounting -----Master data-----G/L Accounts-----Preparations----- Assign Company code to chart of accounts

11. Define Account group

  Here we defined various account groups related to profit/loss statement or and balance sheet as per legal requirements for the company under charts of account.

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Path: Financial Accounting-----General Ledger Accounting -----Master data-----G/L Accounts-----Preparations-----Define Account Group.

Change View "G/L Account Groups": Overview

Field status   New entries   Print field status

Chrt/Accts	Acct Group	Name	From Acct	To Account
BMEL	CA00	Current Assests	200000	299999
BMEL	CL00	Current Liabilities	300000	399999
BMEL	EX00	Expense	600000	699999
BMEL	FA00	Fixed Asset	100000	199999
BMEL	IV00	Investment	400000	499999
BMEL	R&SA	Reserve & Surplus account	700000	799999
BMEL	RA00	Revenue	500000	599999

12. Define Retained Earnings Account

At the end of every fiscal year/reporting period, every company will have some surplus/deficit in it's Profit & Loss Statement which needs to be transferred to balance sheet.

Path: Financial Accounting-----General Ledger Accounting -----Master data-----G/L Accounts-----Preparations-----Define Retained Earnings Accounts.

Enter Chart of Accounts

Chart of Accounts   BMEL
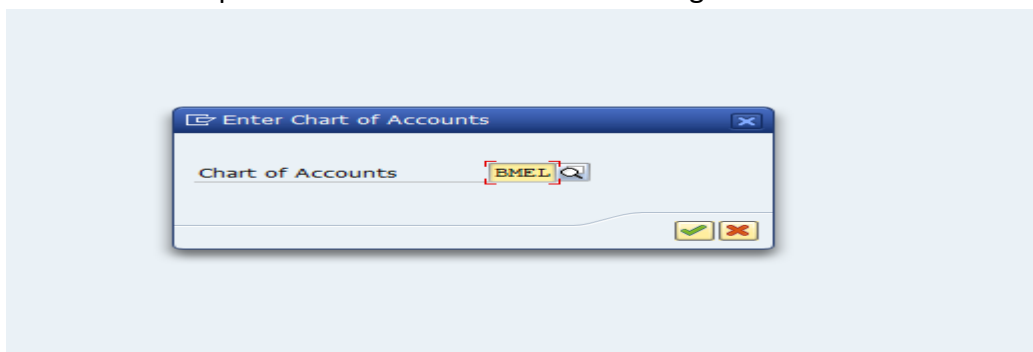
Configuration Accounting Maintain : Automatic Posts - Accounts

Posting Key

Chart of Accounts	BMEL	Chart of Accounts for BMEL
Transaction	BIL	Balance carried forward

Account assignment

P&L statm...	Account
X	700010

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

13. **Define Field Status Variant**.

While entering any transaction, it states the which field is optional, mandatory or supress.

Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----Fields-----Define Field Status Variant.

Maintain Field Status Group: General data

Field check

General Data			Page 1 / 1

Field status variant BMEL   Group CH67
Reconciliation Accts with Contract Ref.

General data

	Suppress	Req. Entry	Opt. entry
Assignment number	○	○	●
Text	○	○	●
Invoice Reference	○	○	●
Hedging	●	○	○
Collective Invoice	●	○	○
Reference specification 1/2	○	○	●
Reference specification 3	●	○	○
Inflation Index	●	○	○

14. Assign Company Code to Field Status Variant.
    Path: Financial Accounting-----Financial Accounting Global Settings-----Ledger-----
    Fields-----Assign Company code to Field Status Variant.

Change View "Assign Company Code -> Field Status Variant": Overview

CoCd	Company Name	City	Fld stat.var.	
BMEL	BMEL INDIA LTD	NEW DELHI	BMEL	▲

15. Define Ledger group

To post the entries you need the ledger groups which are defined here.

Leading Ledger-This is standard ledger defined for every company and in which all general ledger accounting documents are posted in company code currency.

Non-leading ledger-this is a parallel ledger defined for the company in case required to do reporting in different currencies.

Extension ledger- A new functionality where certain adjustment transaction can be posted. It always has an underlying ledger.

Path: Financial Accounting-----Financial Accounting Global Settings-----Ledgers-----
Ledger-----Define Ledger Group

Change View "Ledger Group": Overview

New Entries

Dialog Structure	Ledger Group	
▼ 📁 Ledger Group	Ledger Grp	Description
• 📁 Ledger Assignment	0L	Leading Ledger
	B1	Non-leading ledger for BMEL
	B2	Extension ledger for BMEL
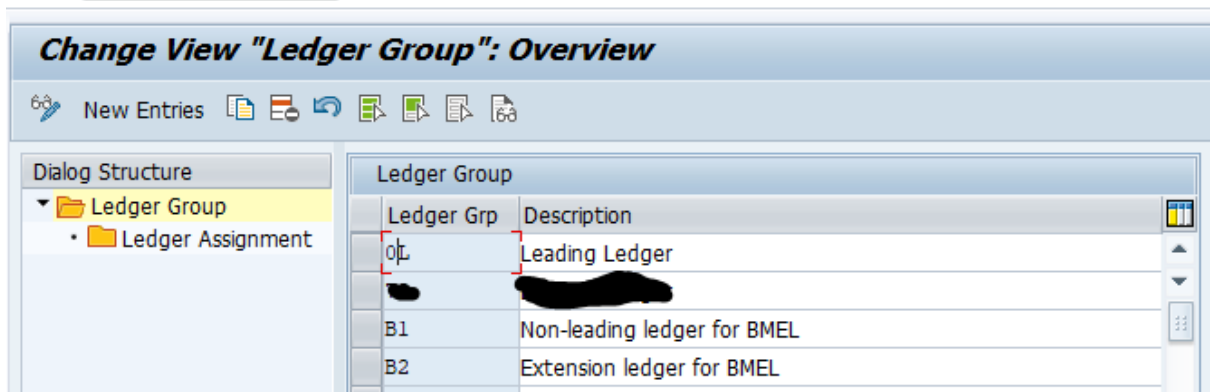
16. Define Accounting Principle

Path: Financial Accounting-----Financial Accounting Global Settings-----Ledgers-----Parallel Accounting-----Define Accounting Principles.

Change View "Accounting Principles": Overview

New Entries

Accounting Principles	
Ac...	Name/Description of Accounting Principle
INAS	IFRS for BMEL non -leading ledger

17. Assign Accounting Principle to Ledger groups.
Path: Financial Accounting-----Financial Accounting Global Settings-----Ledgers-----Parallel Accounting-----Assign Accounting Principle to Account Group

Change View "Assignment of Accounting Principle to Target Ledger Group

New Entries
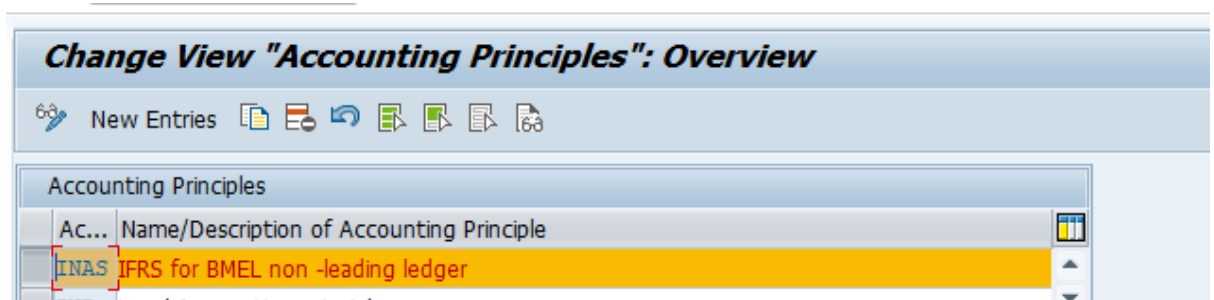
Accountin...	Target Ledger G...	Description
10	0L	ading Ledger
20	CT	NON LEADING -CEYLINCO
40	0L	Leading Ledger
50	NK	Extension Ledger
60	0L	Leading Ledger
70	70	Leading Ledger
GAAP	N1	Non-Leading Ledger
GAP	LG	Non-Leading Ledger
IAS	0L	Leading Ledger
IFRS	L1	Non Leading
INAS	B1	Non-leading ledger for BMEL
IND	0L	Leading Ledger
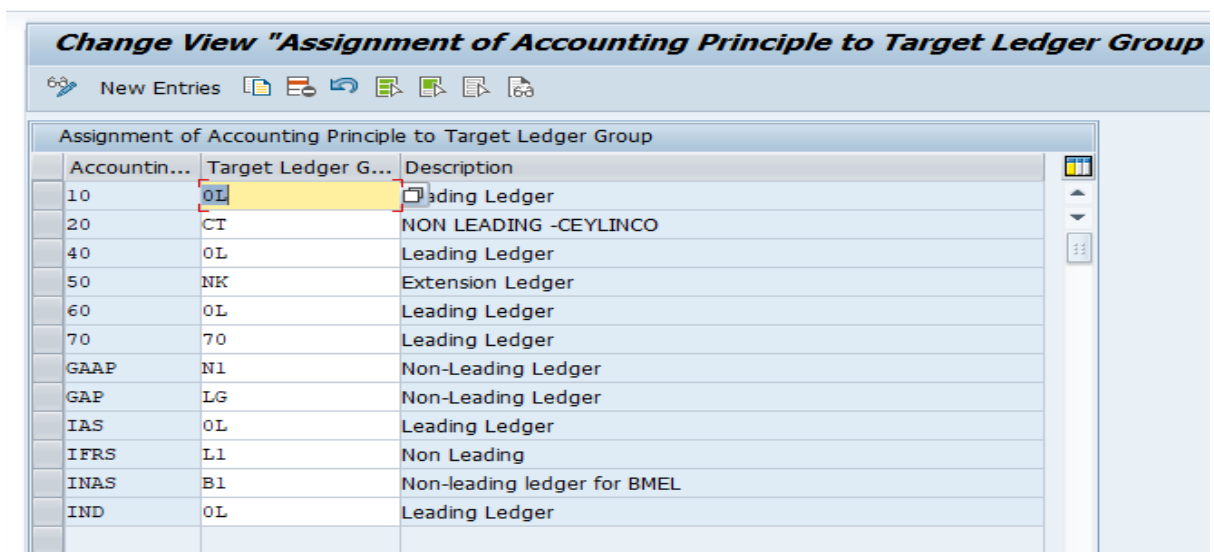
18. Define Company code setting for ledger

Here Ledger group are assigned to company and its various setting.

Path: Financial Accounting-----Financial Accounting Global Settings-----Ledgers-----Ledger-----Define settings for Ledger groups and Currency types.
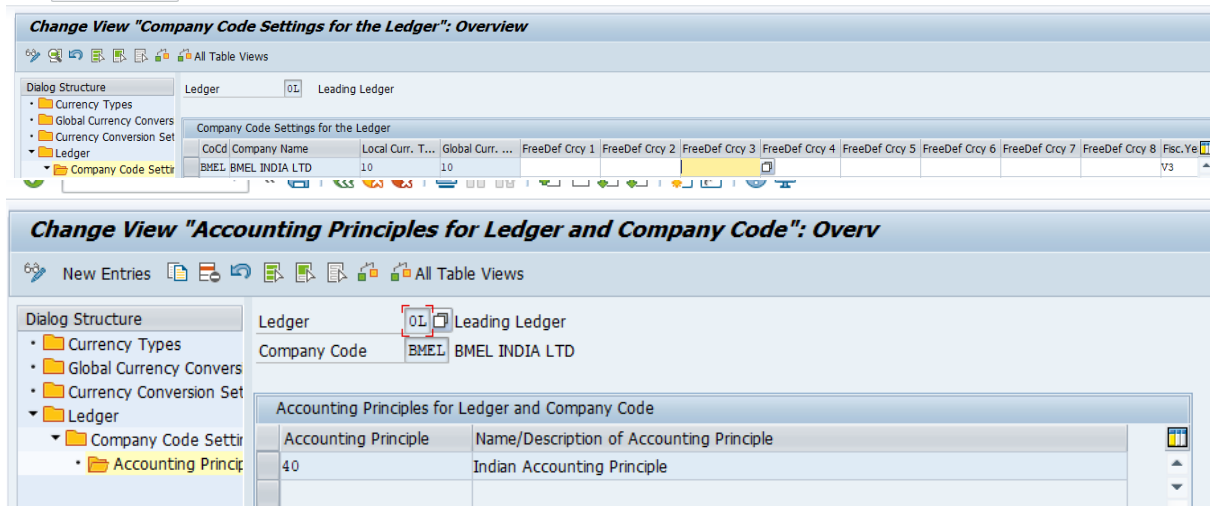
19. Define Document type

It helps to identity the type of document being posted like customer invoice, vendor invoice, general ledger, payment (outgoing/incoming) etc.

Path: Financial Accounting-----Financial Accounting Global Settings-----Document-----Document types-----Define Document types

Note: we are using all standard documents defined by SAP.

Change View "Document Types": Overview

New Entries

Type	Description
AA	Asset Posting
AB	Accounting Document
AF	Depreciation Pstngs
AN	Net Asset Posting
CH	Contract Settlement
CO	CO Posting
DA	Customer Document
DG	Customer Credit Memo
DR	Customer Invoice
DZ	Customer Payment
EU	Euro Rounding Diff.
EX	External Number
KA	Vendor Document
KG	Vendor Credit Memo
KN	Net Vendors
KP	Account Maintenance
KR	Vendor Invoice
KZ	Vendor Payment
M1	MCA Journal
M2	FX Swap

Change View "Document Types": Details

New Entries

Document type   AA   Asset Posting

Properties

Number range	01	Number range information
Reverse DocumentType		
Authorization Group		

Account types allowed

- ☑ Assets
- ☑ Customer
- ☑ Vendor
- ☑ Material
- ☑ G/L Account
- ☐ Secondary Costs

Control data

- ☐ Net document type
- ☐ Cust/vend Check
- ☐ Negative Postings Permitted
- ☐ Inter-Company
- ☐ Enter trading partner

Special usage

- ☐ BI Only

Default values

Exchange Rate Type for FC Documents

Required during document entry

- ☐ Reference Number
- ☐ Document Header Text

Joint venture

Debit Rec.Indic
Rec.Ind. Credit

20. **Define Documents Number ranges**.

Every document type is assigned to specific number range.

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Path: Financial Accounting-----Financial Accounting Global Settings-----Document-----Document Number Ranges-----Define Document number ranges

Edit Intervals: Accounting document, Object RF_BELEG

Number Range Object   RF_BELEG   Number Ranges For Accounting Documents

Company Code

| Intervals | Intervals | NR Status |

Edit Intervals: Accounting document, Object RF_BELEG, Subobject BMEL

N..	Year	From No.	To Number	NR Status	Ext
01	2020	0000100000	0000199999	100000	☐

21. Define Document type for non-leading ledger
We can define separate document type for non-leading/extension ledger.

Path: Financial Accounting-----Financial Accounting Global Settings-----Document-----Document types-----Define Document types in a ledger

Determine Work Area: Entry

Field Name	Work Area
Ledger	B1

[✓] [Further select cond.] [Append]

- Define Document Types in a Ledger
  - ▸ Document Number Ranges
  - • Define Posting Keys

Change View "Document Types for Entry View in a Ledger": Overview

New Entries

Ledger   B1

Document Types for Entry View in a Ledger

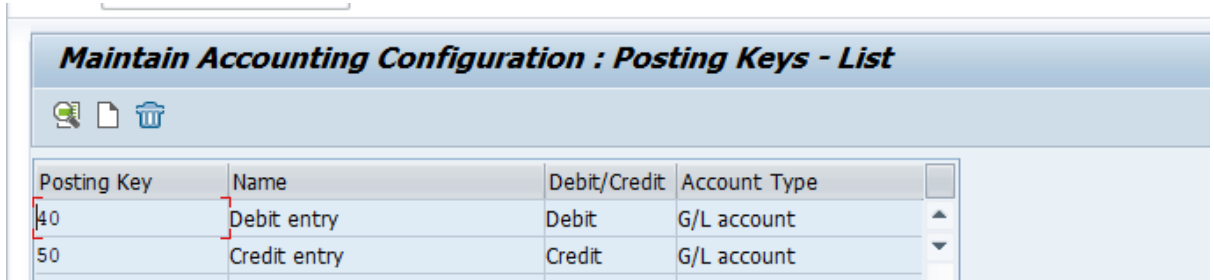| Type	Number range
GA	98

22. Define Posting key.

It helps to identify:

- Whether it debit or credit entry
- Account type
- Screen layout of line item

For general voucher, we have 40 as debit posting key and 50 as credit posting key.

Path: Financial Accounting-----Financial Accounting Global Settings-----Document-----Define Posting key.
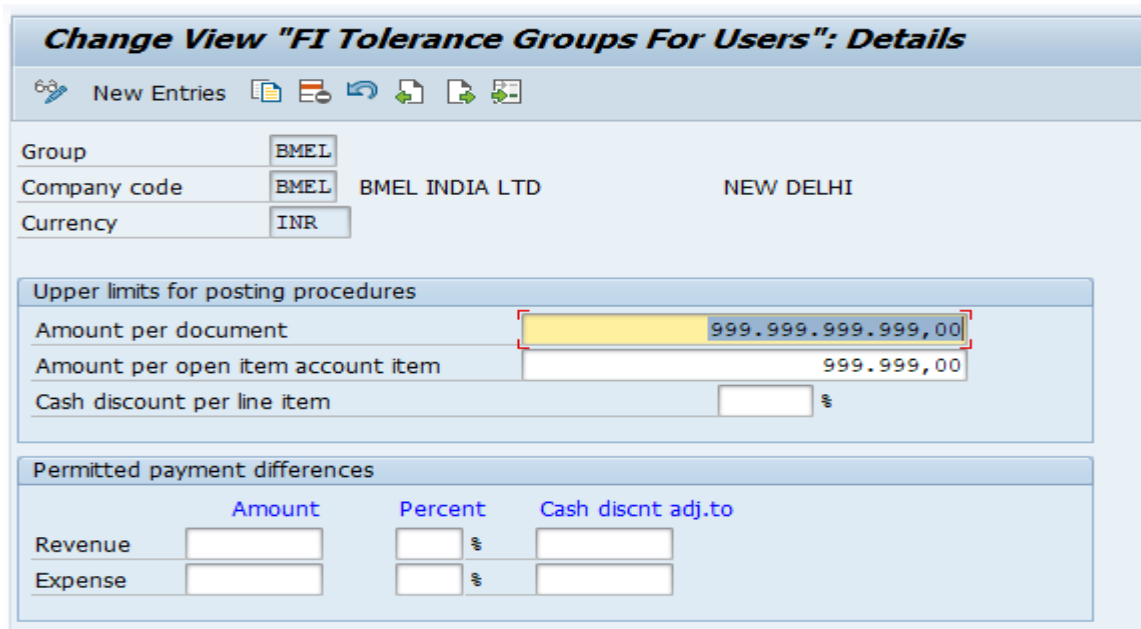
Maintain Accounting Configuration : Posting Keys - List

Posting Key	Name	Debit/Credit	Account Type
40	Debit entry	Debit	G/L account
50	Credit entry	Credit	G/L account

23. Define Tolerance group.

To control the posting by different users.

Path: Financial Accounting-----Financial Accounting Global Settings-----Document-----Define Tolerance Groups for Employees

Change View "FI Tolerance Groups For Users": Details

New Entries

Group	BMEL		
Company code	BMEL	BMEL INDIA LTD	NEW DELHI
Currency	INR		

Upper limits for posting procedures

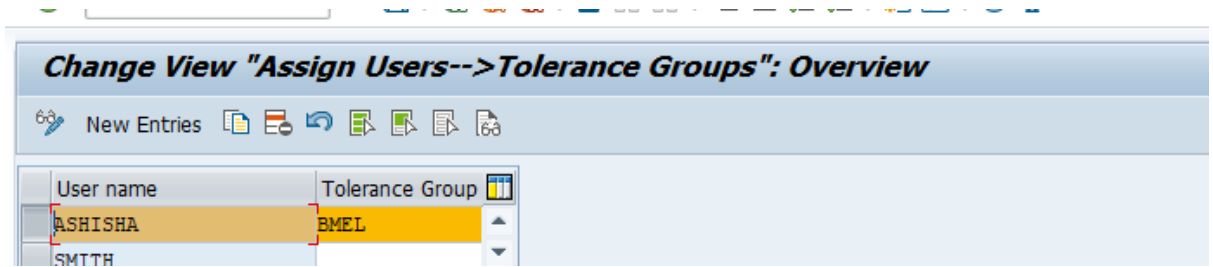|	
Amount per document	999.999.999.999,00
Amount per open item account item	999.999,00
Cash discount per line item	%

Permitted payment differences

	Amount	Percent	Cash discnt adj.to
Revenue		%	
Expense		%	

24. Assign user/tolerance group.

Path: Financial Accounting-----Financial Accounting Global Settings-----Document-----Assign User/Tolerance Groups
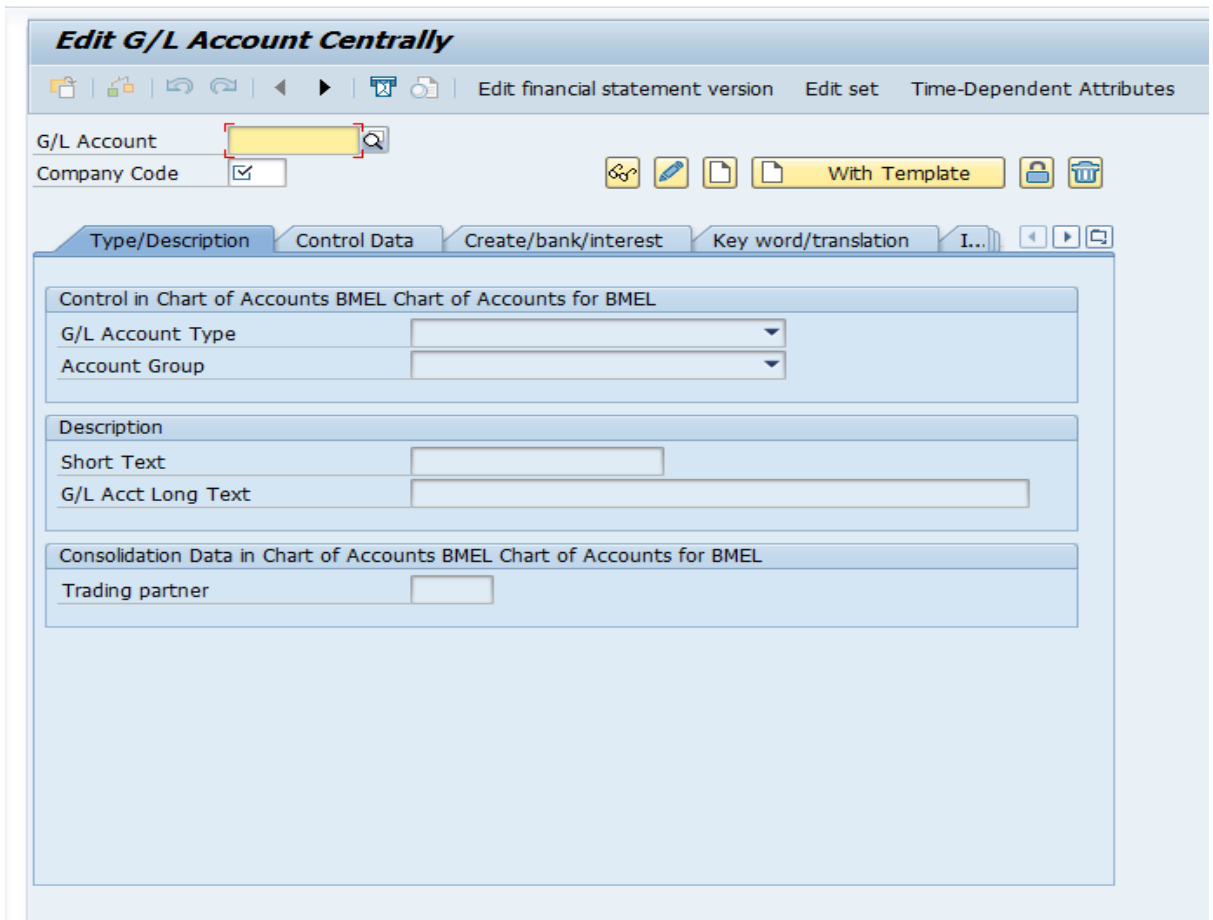
Change View "Assign Users-->Tolerance Groups": Overview

New Entries

User name	Tolerance Group
ASHISHA	BMEL
SMITH	

25. GL Account Creation

T-code: FS00

Edit G/L Account Centrally

Edit financial statement version   Edit set   Time-Dependent Attributes

G/L Account
Company Code   With Template

Type/Description   Control Data   Create/bank/interest   Key word/translation   I...

Control in Chart of Accounts BMEL Chart of Accounts for BMEL
G/L Account Type
Account Group

Description
Short Text
G/L Acct Long Text

Consolidation Data in Chart of Accounts BMEL Chart of Accounts for BMEL
Trading partner

A. **G/L Account**-enter the GL account number as defined in account group configuration
B. **Company Code**-Enter your company code

C. **G/L Account type**
1. **Balance Sheet Accounts**-Item which will be carried forward from one year to another are defined as balance sheet item such assets, liabilities etc
2. **Non-Operating Income and Expense**-Item which needs to be defined as P/L item
.

3. **Primary Cost or Revenue**-Item which needs to be defined as P/L item as well as cost item.
4. **Secondary Costs**- Item which needs to be defined as only cost item.

D. **Account Group:**- Select the appropriate account group as defined in configuration .

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Note: Account settings in Controlling Area, is visible only when we select Primary Costs or Revenue/Secondary Costs.

Display G/L Account Centrally

Edit financial statement version | Edit set | Time-Dependent Attributes

G/L Account: 600010 | Purchases
Company Code: BMEL | BMEL INDIA LTD | With Template

Type/Description | Control Data | Create/bank/interest | Key word/translation | I...

Control of document creation in company code

Field status group	G004	Cost accounts
Post Automatically Only	☐
Supplement Auto. Postings	☐
Recon. Acct Ready for Input	☐

Bank/financial details in company code

Planning Level
☐ Relevant to Cash Flow
House bank
Account ID

Interest calculation information in company code

Interest indicator
Interest Calc. Frequency | 0
Key Date of Last Int. Calc.
Date of Last Interest Calc.

26. Document Splitting

- **Passive Splitting** – This type of splitting is mostly occurs when the payment transaction is posted for a vendor invoice. Now system splits the payment document bases on how the vendor invoice was split in place already.

Display Document: General Ledger View

Display Currency | Entry View | Other Ledger

Data Entry View

Document Number	200003	Company Code	BMEL	Fiscal Year	2020
Document Date	17.07.2020	Posting Date	17.07.2020	Period	4
Reference		Cross-Comp.No.		
Currency	INR	Texts Exist	☐	Ledger Group	

Ledger 0L

| FiscalYear | 2020 | Period | 4 |

Co...	Itm	L.item	PK	SC	Account	Description	Amount	Curr.	Tx	Cost Center	BusA	ZZLOC	Profit Center
BMEL	1	000001	50		200010	Cash	9.800,00-	INR			7000		CORPORATE
	2	000002	50		500030	Cash Discount r	40,00-	INR					BMEL2
	3	000003	50		500030	Cash Discount r	160,00-	INR					BMEL1
	4	000004	25		300050	Account Payable	8.000,00	INR					BMEL1
	4	000005	25		300050	Account Payable	2.000,00	INR					BMEL2
	6	000006	50		900010	Clearing account	7.840,00-	INR					BMEL1
	7	000007	40		900010	Clearing account	7.840,00	INR					CORPORATE
	8	000008	50		900010	Clearing account	1.960,00-	INR					BMEL2
	9	000009	40		900010	Clearing account	1.960,00	INR					CORPORATE

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

- **Active Splitting** – In Active Splitting the document is split according to my SAP ERP predefined rules. SAP almost supports all the business process transactions but if it doesn't suit to any requirement the own splitting rules can be created.

Display Document: General Ledger View

Display Currency | Entry View | Other Ledger

Data Entry View

Document Number	400001	Company Code	BMEL	Fiscal Year	2020
Document Date	11.07.2020	Posting Date	17.07.2020	Period	4
Reference		Cross-Comp.No.			
Currency	INR	Texts Exist	☐	Ledger Group	

Ledger 0L

FiscalYear	2020	Period	4

Co...	Itm	L.item	PK	SC	Account	Description	Amount	Curr.	Tx	Cost Center	BusA	ZZLOC	Profit Center
BMEL	1	000001	31		300050	Account Payable	8.000,00-	INR					BMEL1
	1	000002	31		300050	Account Payable	2.000,00-	INR					BMEL2
	2	000003	40		600020	Other expense	8.000,00	INR					BMEL1
	3	000004	40		600020	Other expense	2.000,00	INR					BMEL2

- **Zero Balancing Splitting** – When the amounts within financial documents are not able to balance out to Debit of Profit Centre and Credit of Profit Centre which does not Net Off as its own, SAP then automatically generates new line item to balance the document. We will see the example in following section of this scenario

Display Document: General Ledger View

Display Currency | Entry View | Other Ledger

Data Entry View

Document Number	100004	Company Code	BMEL	Fiscal Year	2020
Document Date	12.07.2020	Posting Date	12.07.2020	Period	4
Reference		Cross-Comp.No.			
Currency	INR	Texts Exist	☐	Ledger Group	

Ledger 0L

FiscalYear	2020	Period	4

| Co...	Itm	L.item	PK	SC	Account	Description	Amount	Curr.	Tx	Cost Center	BusA	ZZLOC	Profit Center
BMEL	1	000001	40		600020	Other expense	2.500,00	INR					BMEL3
	2	000002	50		300030	Other payable	2.500,00-	INR			7000		CORPORATE
	3	000003	50		900010	Clearing account	2.500,00-	INR					BMEL3
	4	000004	40		900010	Clearing account	2.500,00	INR					CORPORATE

A. **Classify G/L accounts for document splitting-**
In this you need to assign your all account groups to enable the document splitting along with their account numbers.

Document splitting is done by identifying the account number to determine the item category of line items.

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Path: Financial Accounting----- General Ledger Accounting----- Business Transactions----- Document Splitting----- Classify G/L accounts for document splitting
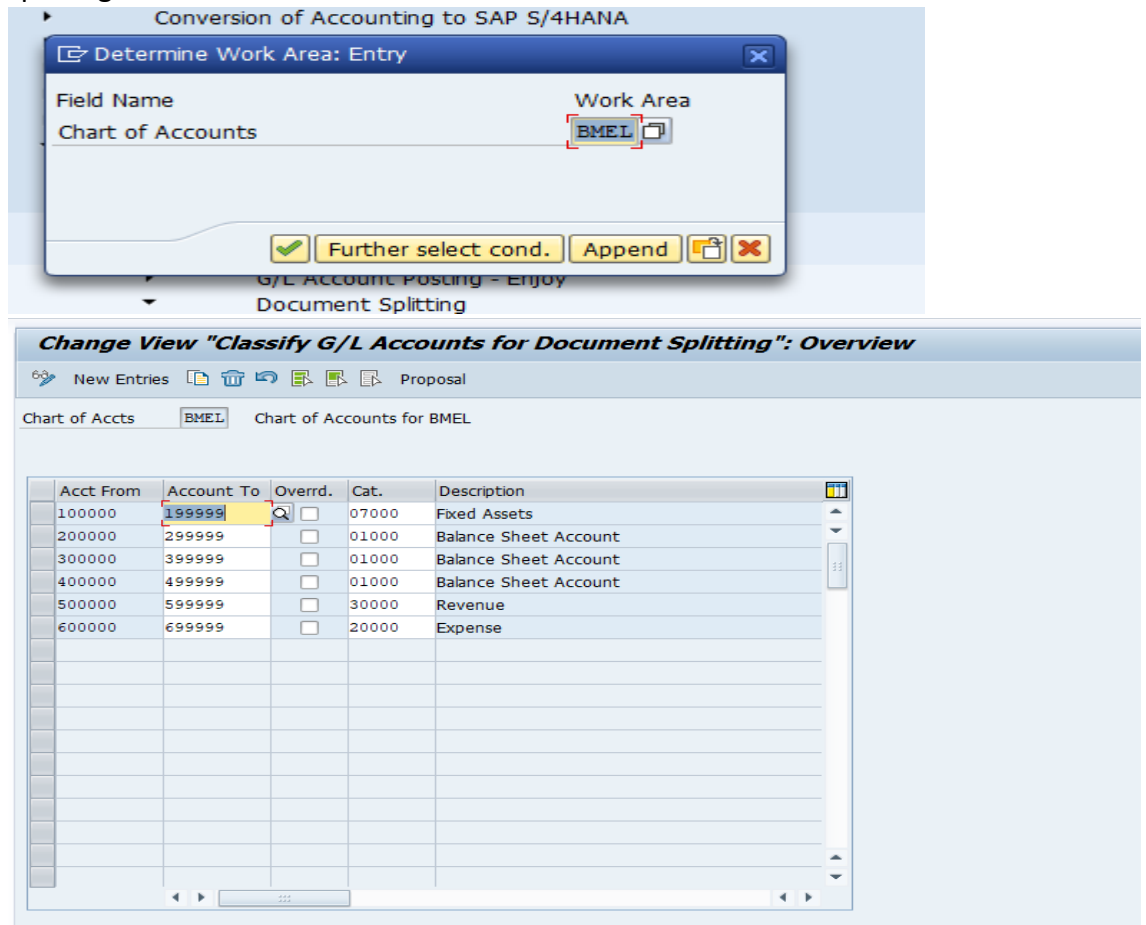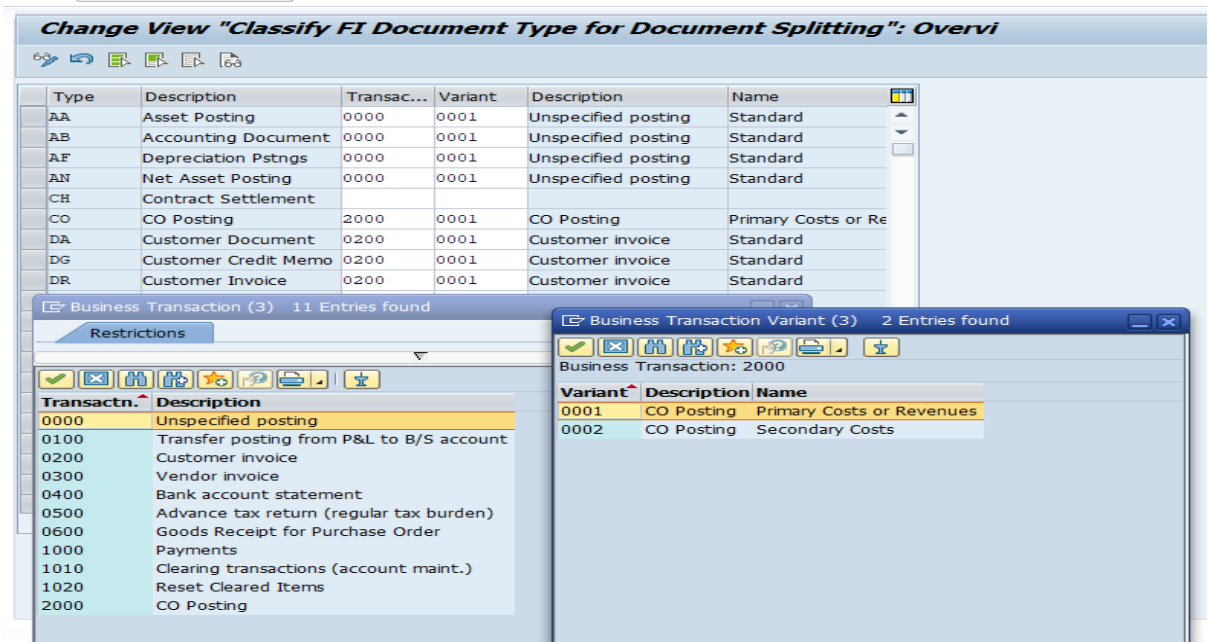

B. Classify Document Types for Document Splitting

Path: Financial Accounting----- General Ledger Accounting----- Business Transactions----- Document Splitting-----Classify Document Types for Document Splitting
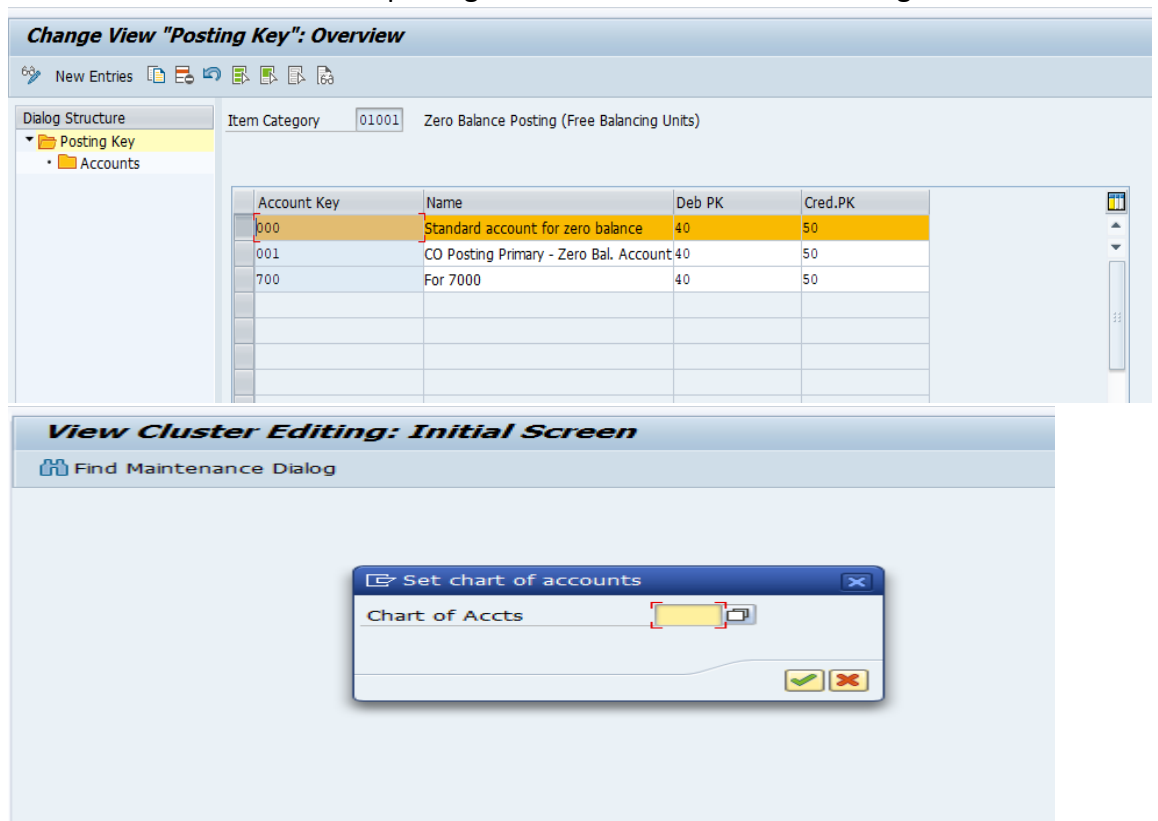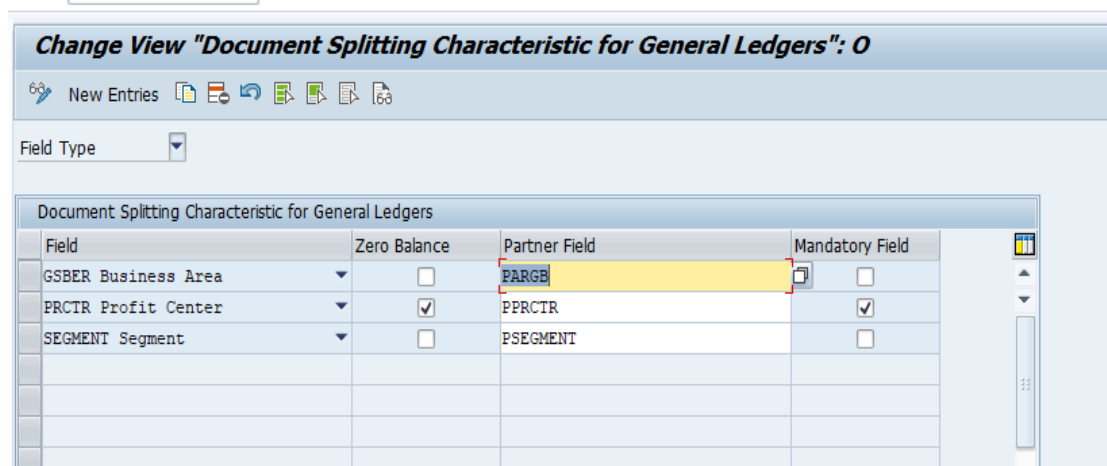
In this system determines the splitting rule for each document type based on business transaction and business transaction variant

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

C. **Define Zero balance clearing account**.

Path: Financial Accounting----- General Ledger Accounting----- Business
Transactions----- Document Splitting----- Define Zero-Balance Clearing Account

Change View "Accounts": Overview

New Entries

Dialog Structure		
▼ 📁 Posting Key	Item Category	01001	Zero Balance Posting (Free Balancing Units)
• 📁 Accounts	Chart of Accts	BMEL	Chart of Accounts for BMEL
	Account Key	000	Standard account for zero balance

G/L Account	Short Text
900010	aring account
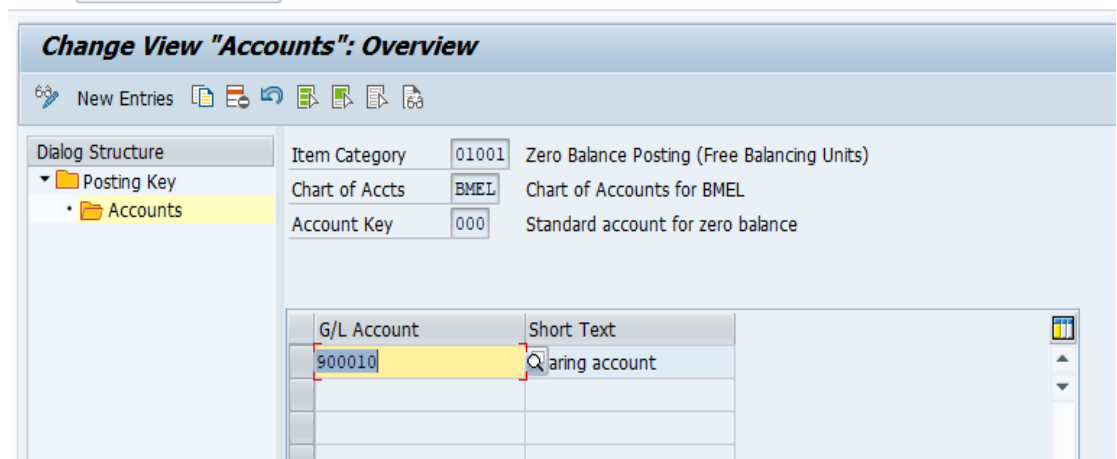
D. **Define Document Splitting Characteristics for General Ledger Accounting**
   Path: Financial Accounting----- General Ledger Accounting----- Business
   Transactions----- Document Splitting----- Define Document Splitting
   Characteristics for General Ledger Accounting

Change View "Document Splitting Characteristic for General Ledgers": O

New Entries

Field Type

Document Splitting Characteristic for General Ledgers

Field	Zero Balance	Partner Field	Mandatory Field
GSBER Business Area	☐	PARGB	☐
PRCTR Profit Center	☑	PPRCTR	☑
SEGMENT Segment	☐	PSEGMENT	☐

III.   ACCOUNT RECEIVABLE & PAYABLE

27. Master data
First of customers and vendors needs to be created in the system
In SAP system, the information related to customer and vendor is stored at 3 levels
1. General Data
2. Company Data
3. Sales/Purchase organisation

Note: In SAP S/4 Hana, Customer and Vendor Master data at all 3 levels are created
through **T-Code=BP**

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

First need to select whether Customer/Vendor is Person, Organisation, and Group.
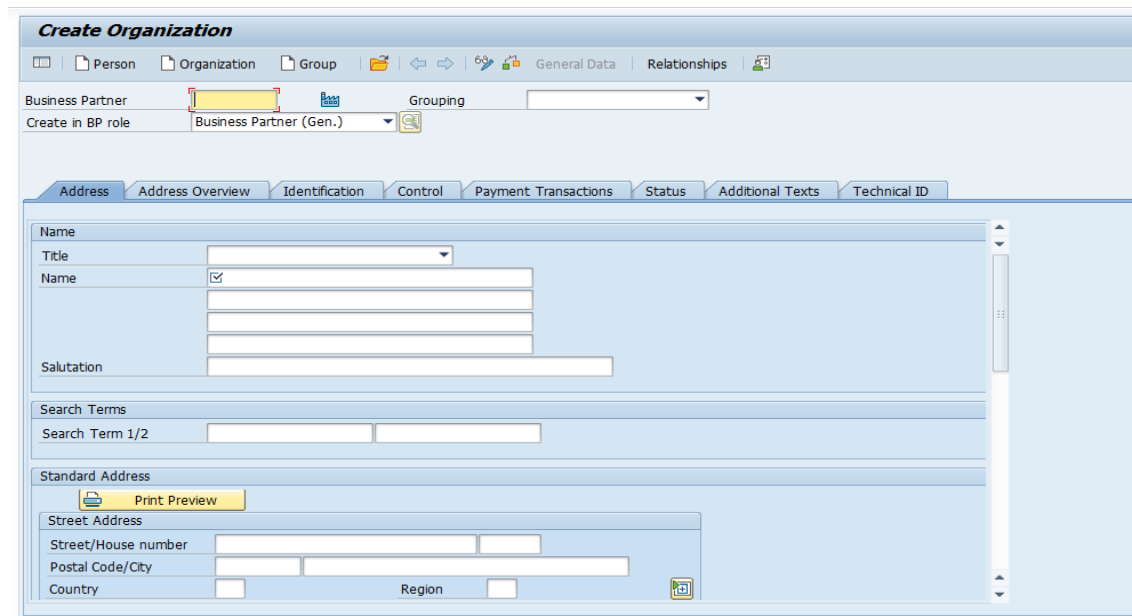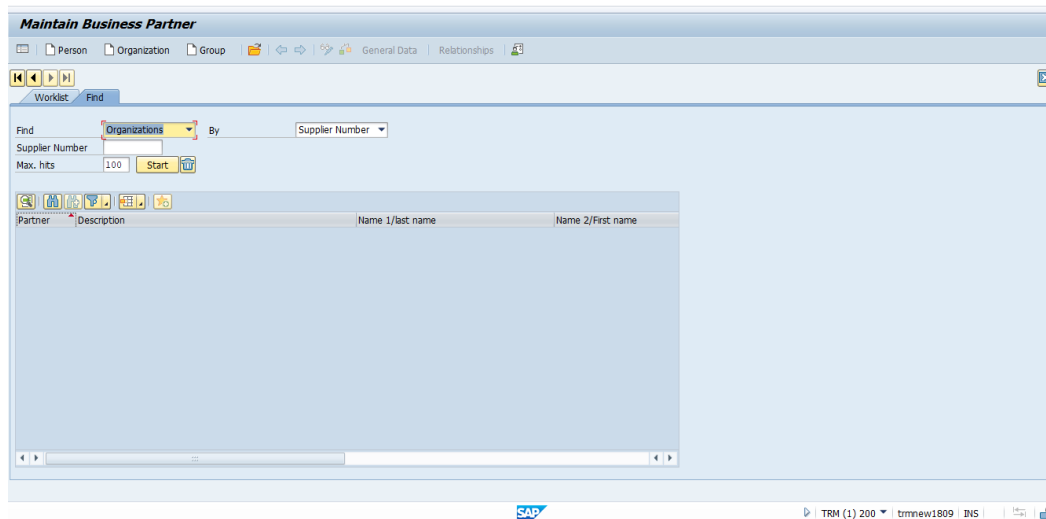
Note: Roles for customer/vendor are as given below:

Customer: FLCU00 and FLCU01

Vendor: FLVN00 and FLVN00

Configuration Path: Cross-Application Components------ SAP Business Partner-----
Business Partner----- Basic Settings-----Define BP Roles
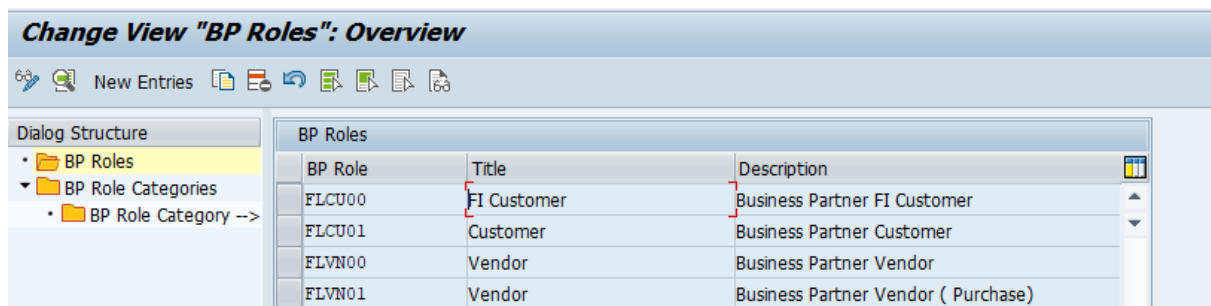
CONFIGURATION DOCUMENT FOR S/4 HANA_1809

In SAP S/4 Hana, 2 numbers are generated whenever we create the Customer/Vendor in system i.e. a. Business Partner and b. Vendor number

These are determined based on Grouping and number ranges assigned to those groupings.

It is recommended to have same number ranges and group to be defined for those by doing configuration as listed below:

27.1.   Define Vendor account group

Path: Financial Accounting----- Accounts Receivable and Accounts Payable----- Vendor Accounts----- Master Data----- Preparations for Creating Vendor Master Data----- Define Account Groups with Screen Layout (Vendors)
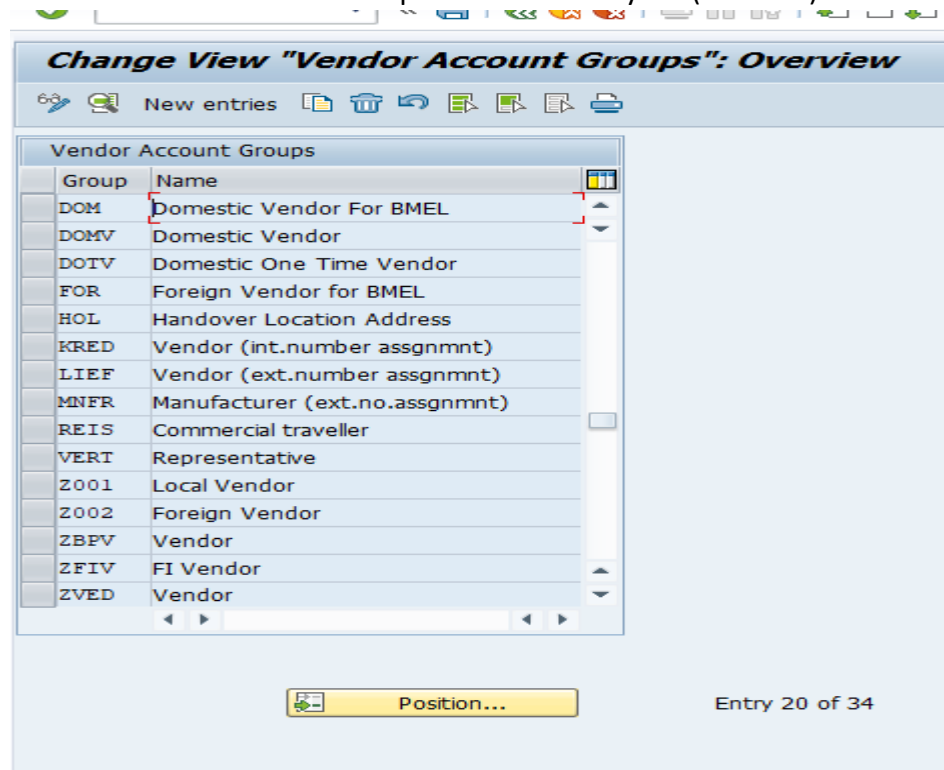
27.2.   Define number range for vendor account group

Path: Financial Accounting----- Accounts Receivable and Accounts Payable----- Vendor Accounts----- Master Data----- Preparations for Creating Vendor Master Data----- Create Number Ranges for Vendor Accounts

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Edit Intervals: Vendor, Object KREDITOR

N.	From No.	To Number	NR Status	Ext
01	0000000001	0000000999	0	☐
02	0000100000	0000199999	100019	☐
03	0000200000	0000299999	0	☑
70	0000400000	0000499999	0	☑
98	5000000000	5999999999	0	☐
99	4000000000	4999999999	0	☐
BP	0622001001	0632001001	0	☑
CA	1000000001	1000000100	0	☑
DK	0000005000	0000005999	0	☐
MM	3100000000	3199999999	0	☐
X1	0005000000	0005999999	0	☑
X2	0006000000	0006999999	0	☑
XX	A	ZZZZZZZZZZ	0	☑
Z1	0000002001	0000002999	2020	☐
Z2	0000003001	0000003999	0	☑
Z3	8000000000	8999999999	0	☑

27.3. Assign number range to vendor account group

Path: Financial Accounting----- Accounts Receivable and Accounts Payable----- Vendor Accounts----- Master Data----- Preparations for Creating Vendor Master Data----- Assign Number Ranges to Vendor Account Groups

Change View "Assign Vendor Account Groups->Number Range": Overview

Group	Name	Number range
DKOV	One time Vendor	DK
DOM	Domestic Vendor For BMEL	98
DOMV	Domestic Vendor	CA
DOTV	Domestic One Time Vendor	CA
FOR	Foreign Vendor for BMEL	99
HOL	Handover Location Address	
KRED	Vendor (int.number assgnmnt)	02
LIEF	Vendor (ext.number assgnmnt)	XX
MNFR	Manufacturer (ext.no.assgnmnt)	XX
REIS	Commercial traveller	01
VERT	Representative	01
Z001	Local Vendor	X1
Z002	Foreign Vendor	X2
ZBPV	Vendor	BP
ZFIV	FI Vendor	Z3

Position...   Entry 19 of 34

Note: In similar way it will be defined for Customer vendor account group, the path would be same except that Vendor will be replaced with customer.

CONFIGURATION DOCUMENT FOR S/4 HANA_1809
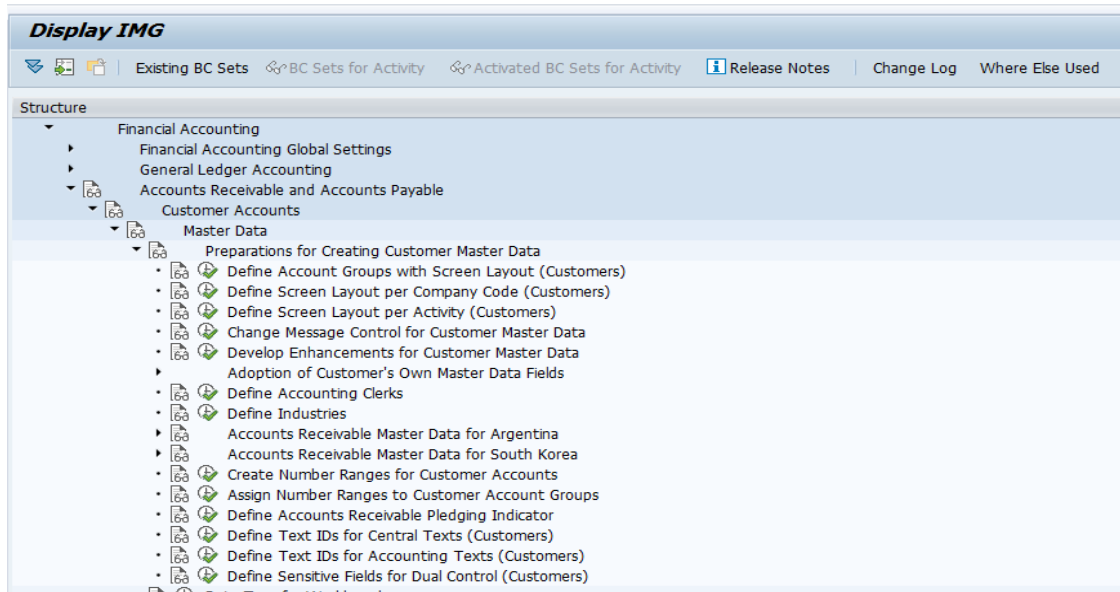
27.4. Create number range for business partner group

Path: Cross-Application Components----- SAP Business Partner----- Business Partner----- Basic Settings----- Number Ranges and Groupings---- Define Number Ranges

Edit Intervals: Business partner, Object BU_PARTNER

N..	From No.	To Number	NR Status	Ext
01	0000000001	0000000999	270	☐
03	0000200000	0000299999	200009	☐
96	0002000000	0002999999	0	☑
97	0003000000	0003999999	0	☑
98	5000000000	5999999999	5000000009	☐
99	4000000000	4999999999	4000000009	☐
AB	A	ZZZZZZZZZZ	0	☑
BP	0622001001	0632001001	622001060	☐

27.5. Define Account group for business partner.

Path: Cross-Application Components----- SAP Business Partner----- Business Partner----- Basic Settings----- Number Ranges and Groupings---- Define Groupings and Assign Number Ranges

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Change View "BP groupings": Overview

New Entries

Grouping	Short name	Description	Number ra...	External	Int.Std.Grpi...	Ext.Std Grp
DAR1	Loans	Loan partner (int.cust)	01	☐	○	
DOM	Domestic	Domestic Vendor for BMEL	98	☐	○	
DOME	Domestic Custom	Domestic Customer for BMEL	96	☑		○
ETM	ETM	Equipment and Tools Management	01	☐	◉	
FOR	Foreign	Foreign Vendor for BMEL	99	☐	○	
FORE	Foreign Custome	Foreign Customer for BMEL	97	☑		○
GPEX	Ext.No.Assgnmnt	External Number Assignment	AB	☑		○
GPIN	Int.no.assgnmnt	Internal number assignment	01	☐	○	
IMMO	Real Estate	Real Estate Partner (I)	01	☐	○	
MDM0			MD	☑		○
OR	CM Org Unit	Case Management Org Unit	OR	☐	○	
S012	Supplier Hier.	Supplier Hierarchy Node	01	☐	○	
S100	Distr. center	For Distribution Centers	AB	☑		○
S110	Branches w/o IB	Branches Without Intercompany Billing	AB	☑		○
S120	Branches w. IB	Branches with Intercompany Billing	AB	☑		○
S130	Brch. Ext. Bill	Branches with External Billing	AB	☑		○
S150	Licensee	Licensee	AB	☑		○
S160	Wholesale Cust.	Wholesale Customers	AB	☑		○
SRM	Stakeholder	Stakeholder Relationship Management	01	☐	○	
TR01	TreasuryPartner	Treasury partner (internal)	01	☐	○	

Position...   Entry 16 of 43

Note: Now we have defined the account group and number ranger for business partner and Customer/Vendor separately which needs to be synchronised in order to generate same business partner and customer/vendor number.

27.6.   Customer/Vendor Synchronisation with BP.

Path: Cross-Application Components----- Master Data Synchronization----- Customer/Vendor Integration----- Business Partner Settings----- Settings for Customer Integration----- Field Assignment for Customer Integration----- Assign Keys----- Define Number Assignment for Direction BP to Customer

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Note: Similar setting will be done for Customer too.

General Data

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Company Code data



Can see above that business partner and vendor number are generated which are same.
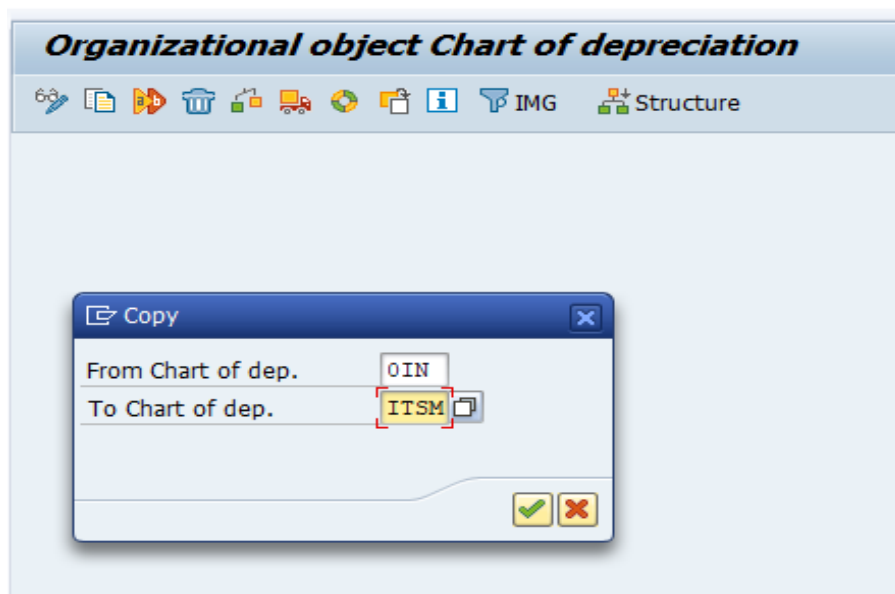
CONFIGURATION DOCUMENT FOR S/4 HANA_1809

IV.   ASSET ACCOUNTING

28. Chart of depreciation -Contain the list of depreciation areas as per business and legal requirements

Path: Financial Accounting----- Asset Accounting----- Organisational Structure----- Copy Reference Chart of Depreciation/Depreciation Areas
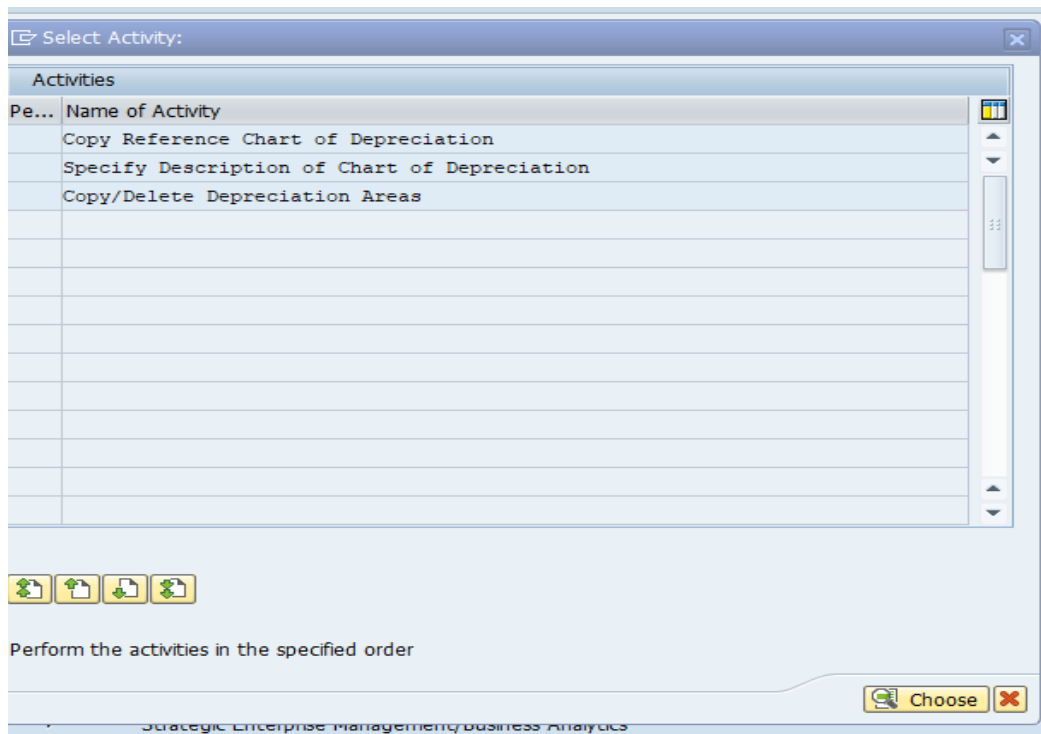
A. Copy Reference Chart of Depreciation -for your company

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

B. Specify description of Chart of Depreciation.

Change View "Chart of depreciation: Specify name": Overview

ChD...	Description
ITSM	Chart of depreciation for ITSM
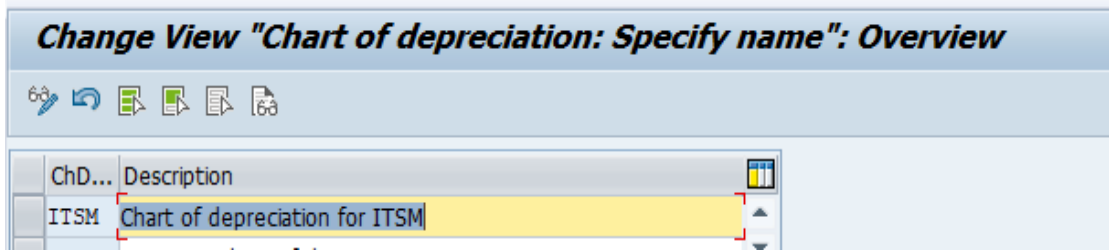
C. Copy/Delete Depreciation Areas.

Display IMG

Existing BC Sets | BC Sets for Activity | Activated BC Sets for Activity | Release N

Select Activity:

Determine Work Area: Entry

Field Name	Work Area
Chart of dep.	ITSM

Further select cond. | Append
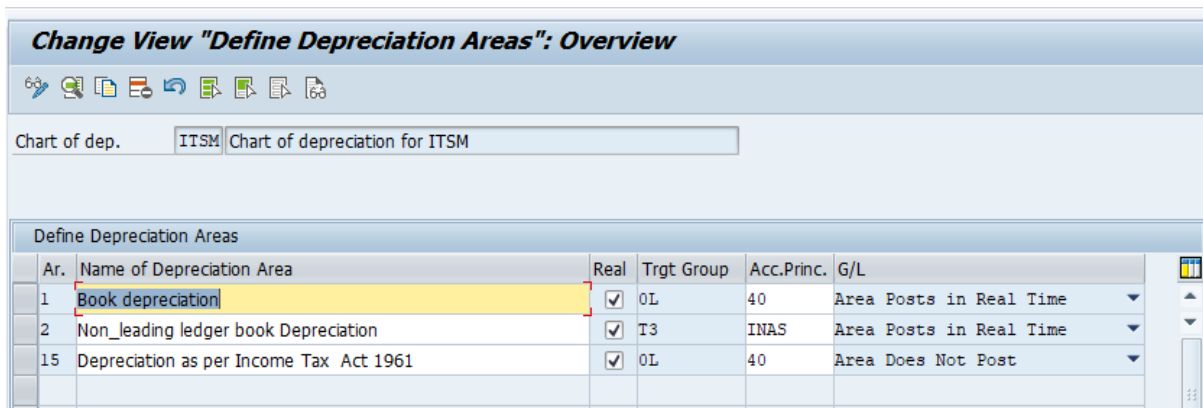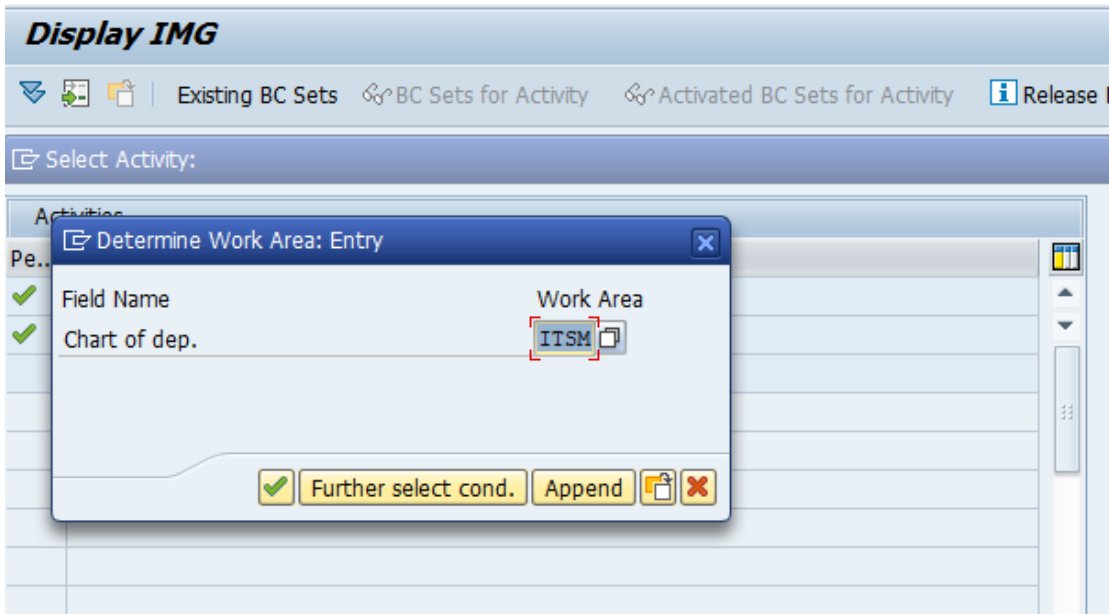
Change View "Define Depreciation Areas": Overview

Chart of dep. ITSM Chart of depreciation for ITSM

Define Depreciation Areas

Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book depreciation	✓	0L	40	Area Posts in Real Time
2	Non_leading ledger book Depreciation	✓	T3	INAS	Area Posts in Real Time
15	Depreciation as per Income Tax Act 1961	✓	0L	40	Area Does Not Post

**Points to be noted while configuring above**

4. In new asset accounting in SAP S/4 Hana, it is mandatory to specify the accounting principle and based on accounting principle it will automatically derive the target ledger group. If not specified it will give below error.
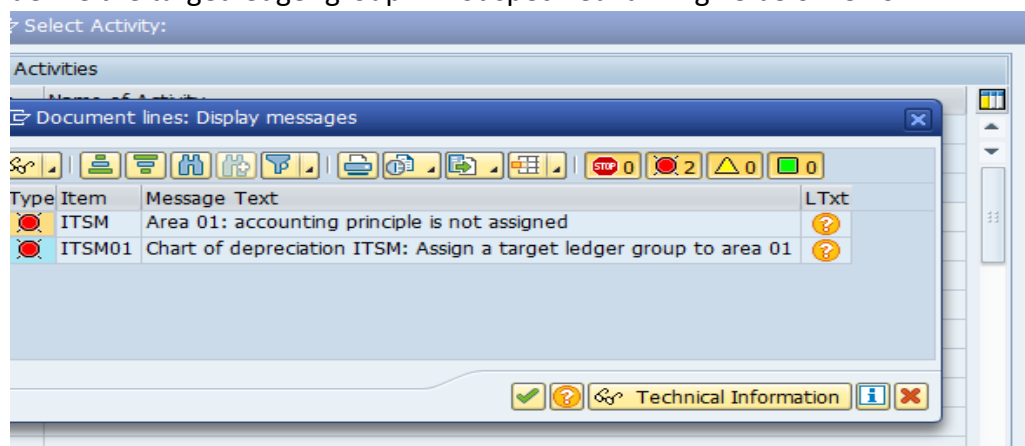

Configuration Node Path where the accounting principle are assigned with ledger group as given below

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Path: Financial Accounting-----Financial Accounting Global Setting-----Ledgers---
----Parallel Accounting-----Assign Accounting principle to Ledger group
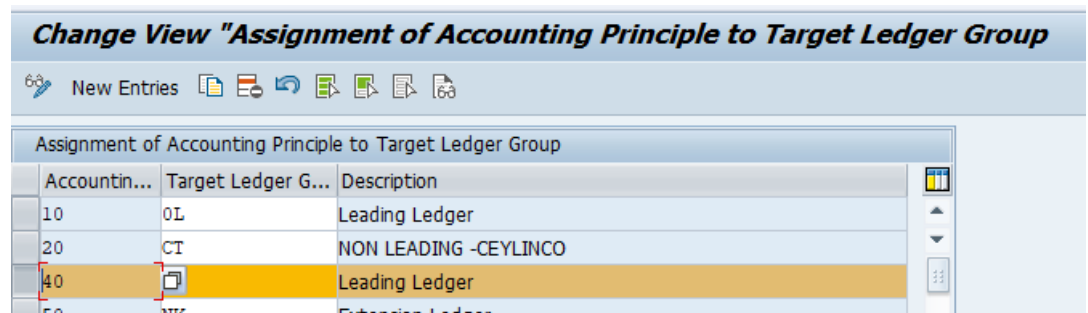
5. In new asset accounting in SAP S/4 Hana, it is mandatory to create the depreciation area for all the standard ledgers irrespective of leading or non-leading ledger group.
   If this is not done system will throw the error while assigning COD to Company code.

6. In new asset accounting in SAP S/4 Hana, you can post multiple depreciation areas in real time**.**
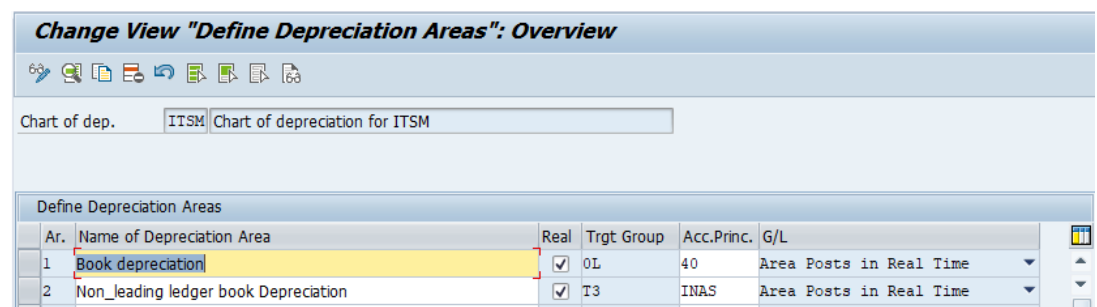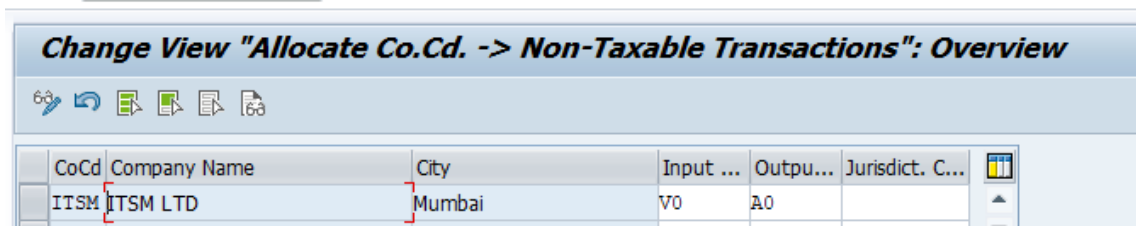
7. Depreciation areas defined for non-leading ledgers are not dependent on leading ledger depreciation areas, for which needs to be checked from below configuration path/node
   Path: Financial Accounting----- Asset Accounting-----General Valuation-----
   Depreciation Areas----- Specify Transfer of APC Values
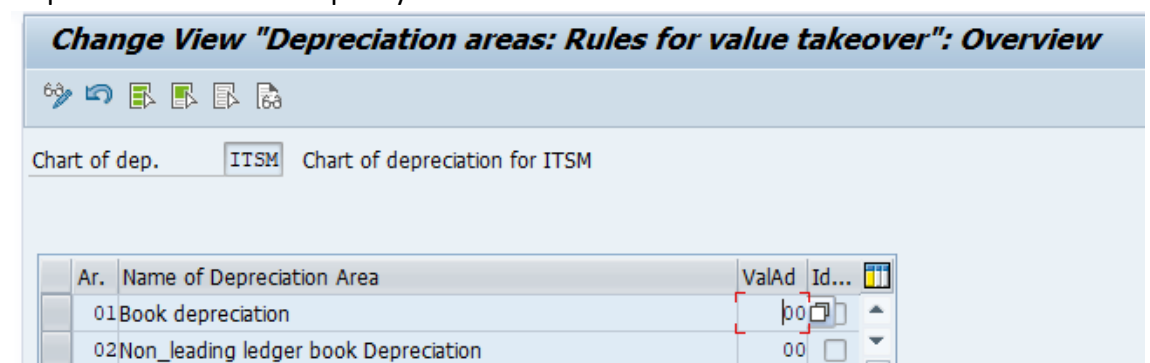
8. Non-taxable acquisition
   Path: Financial Accounting----- Asset Accounting-----Integration with General Ledger Accounting----- Assign Input tax indicator for Non-taxable Acquisitions
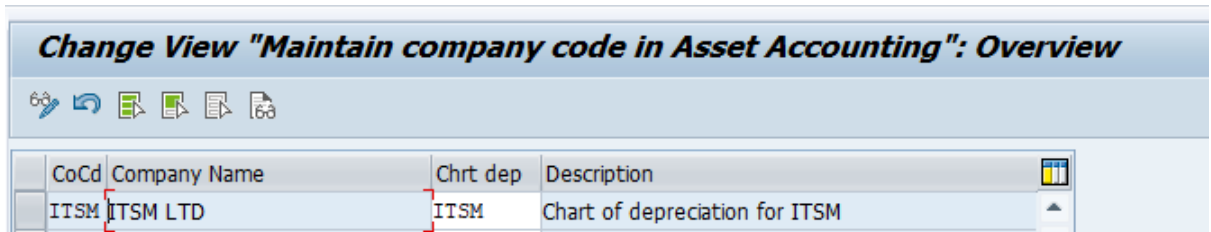
29. Assign Chart of Depreciation to Company Code
Path: Financial Accounting----- Asset Accounting----- Organizational Structure-----
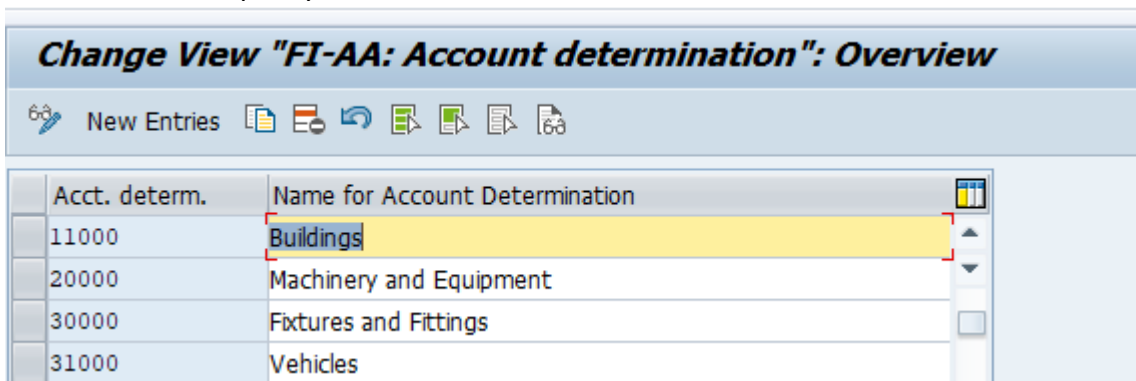Assign Chart of Depreciation to Company Code

30. Specify Account Determination
In this step, you define the account determinations for Asset Accounting (key and description). The key of an account determination must be stored in the asset class asset class. In this way, the account determination links an asset master record to the general ledger accounts to be posted for an accounting transaction using the asset class.

Path: Financial Accounting----- Asset Accounting----- Organizational Structures-----
Asset Classes-----Specify Account Determination

31. Create Screen Layout rules
The screen layout specifies the status of the fields in the asset master record. You use the screen layout to determine if fields are required entry or optional entry fields, or if they are suppressed completely

Path: Financial Accounting----- Asset Accounting----- Organizational Structures-----
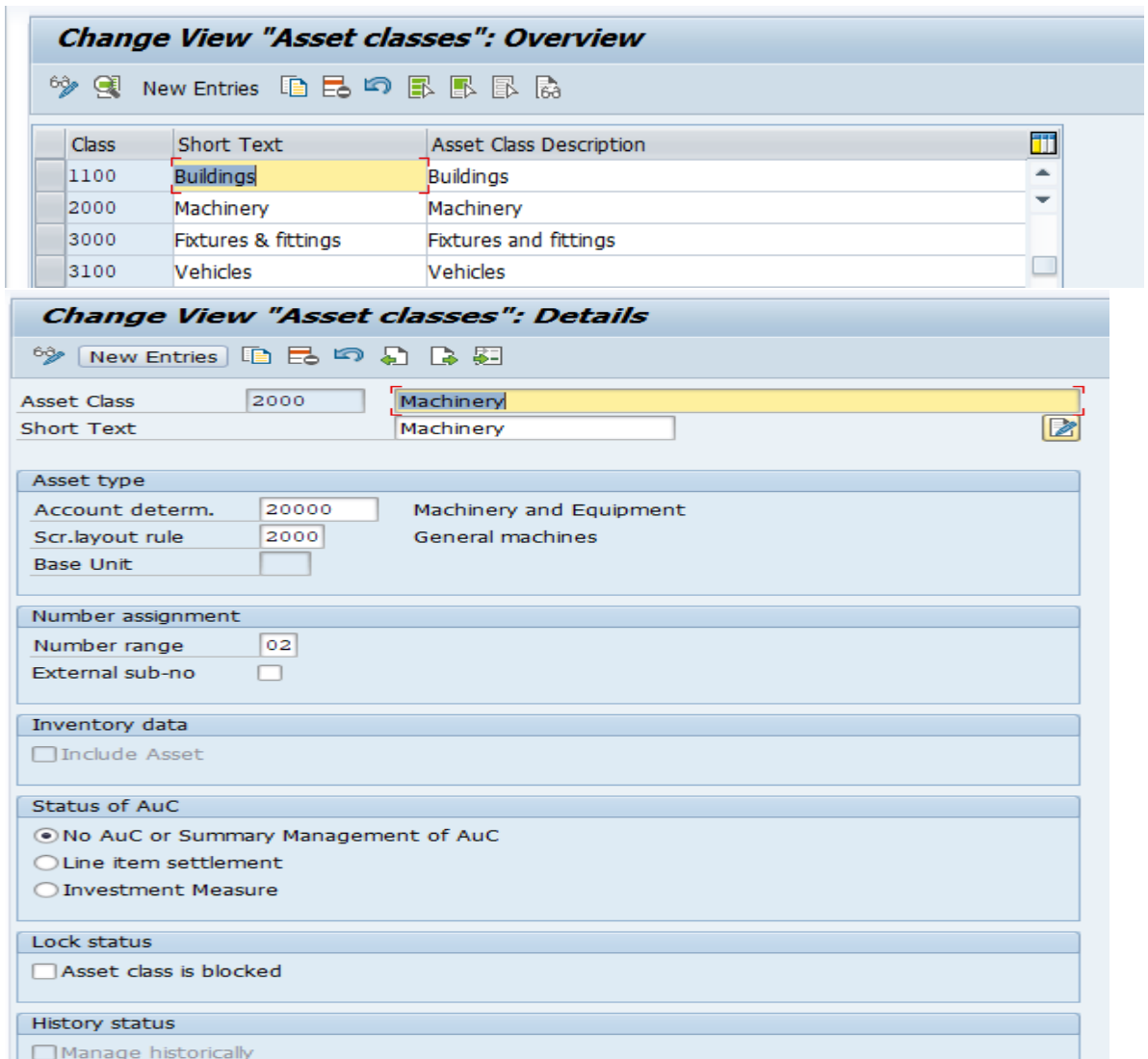Asset Classes-----Create Screen layout rules
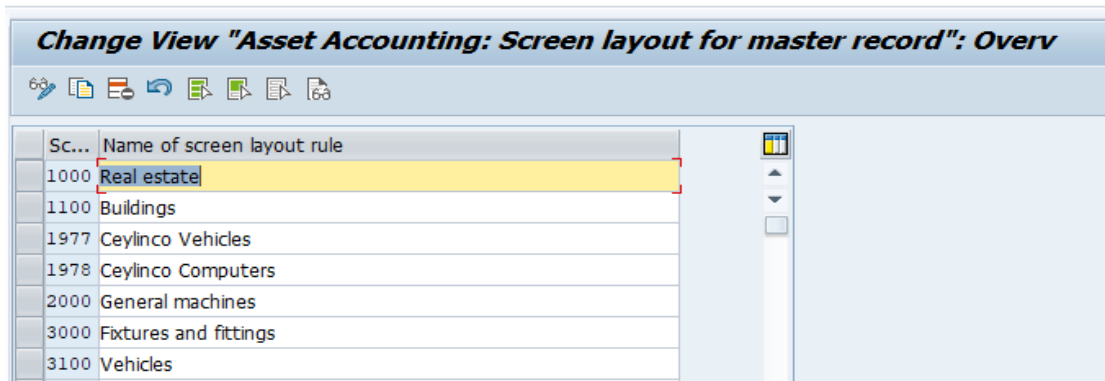
32. Define Asset Class

The assets are classified into different categories like Furniture & fittings, Building, Vehicles etc as per necessary business and legal requirements.
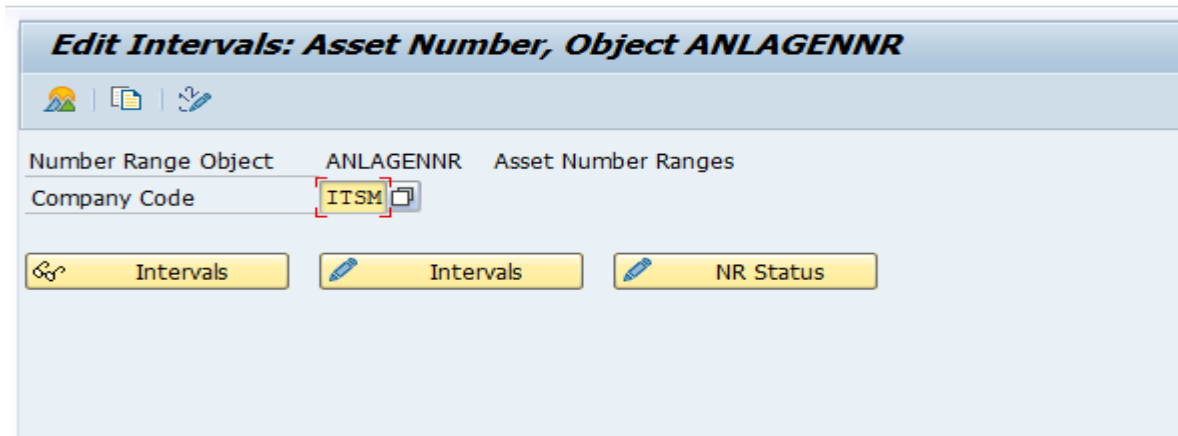
Path: Financial Accounting----- Asset Accounting----- Organizational Structures----- Asset Classes----- Define Asset Class

33. Define Number Range for each asset Class

Path: Financial Accounting----- Asset Accounting----- Organizational Structures-----
Asset Classes-----Define Number Range Interval

34. Determine Depreciation Area for asset Classes

Here you activate/deactivate the depreciation areas for various asset classes define
above.

Path: Financial Accounting----- Asset Accounting----- General Valuation-----
Determine Depreciation Areas in the Asset Class

35. **Master data-Creation of assets**.

T-Code
AS01-Create Asset Master Record
AS02-Change Asset Master Record
AS03-Display Asset Master Record

Create Asset: Initial screen

Master data   Depreciation areas

Asset Class	3000
Company Code	ITSM
Number of Similar Assets	1

Reference

Asset	
Subnumber	
Company Code	

Post-capitalization ☐

Create Asset: Master data

Asset values   Recalculate values

Asset	INTERN–00001 0
Class	3000 Fixtures & fittings Company Code ITSM

General | Time-dependent | Assignments | Origin | Leasing | Deprec. Areas

General data

Description	Fittings
	Fittings
Asset Main No. Text	Fitting
Acct determination	30000 Fixtures and Fittings
Serial number	
Inventory Number	
Quantity	
	☐ Manage historically

Inventory

Last Inventory On		☑ Include asset in inventory list
Inventory Note	

Posting information

CONFIGURATION DOCUMENT FOR S/4 HANA_1809

Create Asset: Initial screen

Master data   Depreciation areas

Asset Class   3000
Company Code   ITSM
Number of Similar Assets   1

Reference
Asset
Subnumber
Company Code

Post-capitalization   ☐

☑ The asset 300002 0 is created

Note: When for the first time configuring the asset accounting for your company code, you need to do 2 activities

1. **Transfer of asset from legacy system-** T-code-FAA_CMP

Display Settings for Company Code in Asset Accounting

General Information
Company Code   ITSM   ITSM LTD   Chart of Accounts   BMEL   Chart of Accounts for BMEL
Country Key   IN   Chart of dep.   ITSM   Chart of depreciation for ITSM

General Settings   Legacy Data Transfer

Current Settings for Legacy Data Transfer
Sequence Number   1
Transfer Date   31.03.2020
Legacy Data Transfer Status In Preparation
Document Type   AA Asset Posting
Without Integrated Deprec. Calcul. ☐

History of Legacy Data Transfers

LDT Sequence Number	Transfer Date	Legacy Transfer Status	Doc. Type	No Dep.Cal
1	31.03.2020	In Preparation	AA	

2. **Close of previous fiscal year-T**-Code-AJAB

Year-end closing Asset Accounting

Fiscal year to be closed for company code(s)

Company code	ITSM	to	
Asset classes asset u. const.	3000	to	
Fiscal year to be closed	2019		

Options
- ☑ Test run

T-Code-OAAQ

Change View "Remove Year-End Closing for Company Code": Overview

CoC...	Closed Fiscal Year
2005	2018
7000	2018
9999	2018
I571	2019
ITSM	2019
LU01	1998
ONCM	2018
ONCU	2018

36. Define Technical Clearing Account for Integrated Asset Acquisition

Since in S/4 HANA, multiple depreciation areas can post in real time, so need to define one technical clearing account which ensure simultaneous posting for all depreciation area posting in real time.

Path: Financial Accounting----- Asset Accounting----- Integration with General Ledger Accounting----- Technical Clearing Account for Integrated Asset Acquisition----- Define Technical Clearing Account for Integrated Asset Acquisition

Change View "Technical Clearing Account for Integrated Acquisition": O

New Entries

Technical Clearing Acco...

ChAc	Account
7000	300002

37. Depreciation Key

It is used to define depreciation method based on which depreciation will be calculated on an asset.

Path: Financial Accounting----- Asset Accounting----- Depreciation----- Valuation methods----- Depreciation key----- Maintain Depreciation Key

Note: This depreciation key needs to assign to asset master.

CONFIGURATION DOCUMENT FOR S/4 HANA_1809