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Creation of Master Tables

Creation of Table < Com_Info>
<Company_Name> User input the data
<Logo> User input the data
<Address> User input the data
<Tel> User input the data
<Mob> User input the data
<Email> User input the data
<Web> User input the data

Creation of Table <GL_Group >
<GL_Group_Name > Primary Key
Immediately Create below record
Current Assets
Current Liabilities

Creation of Table <GL_Master>
<GL_Name> user defined data Primary Key
<GL_Group > user selects the value from Table <GL_Group > and should be validated
Immediately Create below record
Debtors link to Current Assets
Creditor link to Current Liabilities

Employee Advance link to Current Assets

Creation of Table <Cust_Master>

<Cust_Name> User input the data Primary Key

<GL_Name> hard coded Debtors (the same should also be available in the table GL_Master)

Creation of Table <Sup_Master>

<Sup_Name> User input the data Primary Key

<GL_Name> hard coded Creditor (the same should also be available in the table GL_Master)

Creation of Table <Emp_Master>

<Emp_Name> User input the data Primary Key

<GL_Name> hard coded Employee Advance (the same should also be available in the table GL_Master)

Creation of Transaction Tables

Creation of Table <GL_Entry>

<VNo> Voucher Number

<PostingDate>

<TransactionWith>

<DrAcc> Always GL_Name

<CrAcc> Always GL_Name

<DrAmount>

<CrAmount>

<Amount> if Credit -Ve

<Narration>

<DrAcc1> either GL_Name or Cust/Sup/Emp Name

<CrAcc1> either GL_Name or Cust/Sup/Emp Name

<Trans_Type> either CLE, SLE, ELE

<IsNew>

Creation of Table <Sup_Led_Entry>

<VNo> Voucher Number

<PostingDate>

<TransactionWith>

<DrAcc> Always GL_Name

<CrAcc> Always GL_Name

<DrAmount>

<CrAmount>

<Amount> if Credit -Ve

<Narration>

<DrAcc1> either GL_Name or Sup Name

<CrAcc1> either GL_Name or Sup Name

<Trans_Type> SLE

<IsNew>

Creation of Table <Cust_Led_Entry>

<VNo> Voucher Number Defaulted from Program by Auto Number

<PostingDate>
<TransactionWith>
<DrAcc> Always GL_Name
<CrAcc> Always GL_Name
<DrAmount>
<CrAmount>
<Amount> if Credit -Ve
<Narration>
<DrAcc1> either GL_Name or Cus Name
<CrAcc1> either GL_Name or Cus Name
<Trans_Type> CLE
<IsNew>

Creation of Table <Emp_Led_Entry>

<VNo> Voucher Number
<PostingDate>
<TransactionWith>
<DrAcc> Always GL_Name
<CrAcc> Always GL_Name
<DrAmount>
<CrAmount>
<Amount> if Credit -Ve
<Narration>
<DrAcc1> either GL_Name or EMP Name
<CrAcc1> either GL_Name or EMP Name
<Trans_Type> ELE
<IsNew>

Master Forms

Creation of Form < Com_Info>
Creation of Form <GL_Group >
Creation of Form <GL_Master>
Creation of Form <Cust_Master>
Creation of Form <Sup_Master>
Creation of Form <Emp_Master>

Creation of Transaction Forms

Creation of Form <GL_Entry>

- i. Form <Debit Supplier > Hardcoded DrAcc = Creditors, CrAcc1= CrAcc
- ii. Form <Credit Supplier > Hardcoded CrAcc = Creditors, DrAcc1= DrAcc
- iii. Form <Debit Customer> Hardcoded DrAcc = Debtors: CrAcc1= CrAcc
- iv. Form <Credit Customer> Hardcoded CrAcc = Debtors, DrAcc1= DrAcc
- v. Form <Debit Employee> Hardcoded DrAcc = Employee Advance, CrAcc1= CrAcc
- vi. Form <Credit Employee> Hardcoded CrAcc = Employee Advance, DrAcc1= DrAcc
- vii. Form <Payment Voucher> No need of DrAcc1 and CrAcc1 two combo box one for Dr Account and another for Cr Account

Note

Debit Account mention as Paid to filter by other than Creditors, Debtors, Employee Advance and Cash or Bank

Credit Account mention as Paid from filter by Cash or Bank Group

- viii. Form <Receipt Voucher> No need of DrAcc1 and CrAcc1 two combo box one for Dr Account and another for Cr Account

Note

Debit Account mention as Received into from filter by Cash or Bank Group

Credit Account mention as Received from filter by other than Creditors, Debtors, Employee Advance and Cash or Bank

Note: - As we have hardcoding the Payment/Receipt Vouchers after creation of every GL we should also update two queries one to add those GLs.

- ix. Form <JV: Journal Voucher> No need of DrAcc1 and CrAcc1 two combo box one for Dr Account and another for Cr Account

The screenshot shows a software interface with a menu bar at the top containing: G_Ledger_Master, Customer, ComInfo, Transaction, VendorTransaction, Cust_Trans, Emp_Adv, Vendor, Emp_Trans, and Cust_Credit. The 'Cust_Trans' menu item is selected, and the title bar of the active window reads 'Cust_Trans'. The form itself has the following fields and controls:

- Cno**: Text box containing '22'.
- PostingDate**: Text box containing '27-08-2023'.
- TransactionWith**: Text box containing 'c11111'.
- IsNew**: A checked checkbox.
- DrAcc1**: Empty text box.
- DrAcc**: Text box containing 'Cash in hand'.
- CrAcc1**: Text box containing 'C1'.
- CrAcc**: Text box containing 'Debtors'.
- CrAmount**: Text box containing '₹ 1,508.00'.
- Combo58**: Dropdown menu showing 'Cash in hand'.
- Combo54**: Dropdown menu showing 'C1'.
- Narration**: Text box containing 'c11111 naarration'.
- Trans_Type**: Text box containing 'CLE'.
- Post Record**: A blue button.

Accounting Application

File Home Create External Data Database Tools Tell me what you want to do...

Save Imports Manager Excel Access ODBC Text File XML File Saved Excel Text XML PDF Email Word Merge More...

All Access Objects Search...

- Emp_Adv
- Emp_Trans
- G_Ledger_Master
- Transaction
- Vendor
- VendorTransaction
- Queries
 - CustomerQuery
 - EmployeeQuery
 - VendorQuery
 - CashLedgerQuery
 - Cust_Query
 - Emp_Query
 - LedgerQ
 - Ven_Query
 - VendorTransactionQ
- Forms
 - Cust_Credit
 - Cust_Debit
 - Cust_Form
 - Emp_Credit
 - Emp_Debit
 - Emp_Form
 - MainBoard
 - PaymentVoucher**
 - Ven_Form
 - VendorCredit
 - VendorDebit
 - Voucher
- Reports
 - Cust_Report
 - Emp_Report
 - LedgerR
 - Transaction

Voucher

VNo 1 PostingDate 31-07-2023

TransactionWith

Particulars	Amount
Paid to	₹ 2,149.00
From DBBI	
Narration	

Records: 1 of 203 No Filter Search

File Home Create External Data Database Tools Tell me what you want to do

View Paste Cut Copy Format Painter Filter Ascending Descending Remove Sort Selection Advanced Toggle Filter Refresh All New Save Delete

Views Clipboard Sort & Filter Records

All Access Objects

Search...

Tables

- ComInfo
- Cust_Trans
- Customer
- Emp_Adv
- Emp_Trans
- G_Ledger_Master
- Transaction
- Vendor
- VendorTransaction

Queries

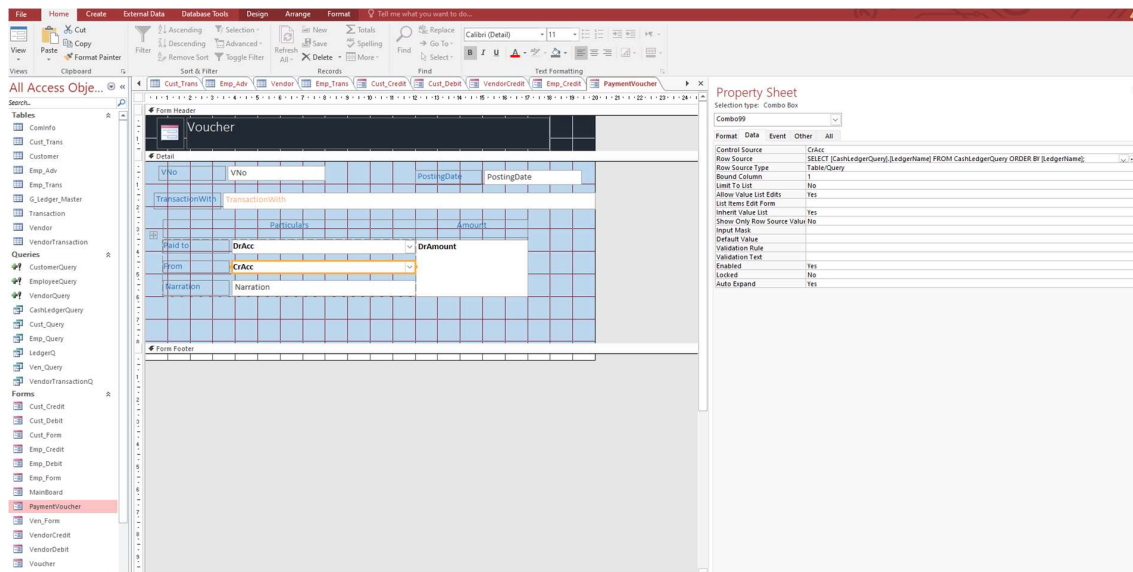
- CustomerQuery
- EmployeeQuery
- VendorQuery
- CashLedgerQuery**
- Cust_Query
- Emp_Query
- LedgerQ
- Ven_Query
- VendorTransactionQ

Forms

- Cust_Credit

Cust_Trans Emp_Adv Vendor Emp_Trans

LedgerName	GroupName
Cash in hand	Cash
DBBI	Bank
*	



Creating Transaction Form in General

TO CREATE TRANSACTION TABLES :-

1. Create a new form using form wizard (select the table of which the form has to be created).
2. According to necessary debit/credit criteria add the DrAcc, CrAcc, DrAcc1, CrAcc1 add the required details in the field.
3. Create an append query for each transaction table (Supplier, employee, Customer) {Supplier -> GL entry Table} {employee -> GL entry Table} {Customer -> GL entry Table}
4. Except VNo, Select_Supplier, Select_GL_Account, TransactionWith, Date, Amount fields hide all the other fields.
5. Create a post button

Me.CrAcc1 = Me.CrAcc → changes according to debit/credit (either DrAcc1=DrAcc1)
 Me.Amount = Me.DrAmount → changes according to debit/credit (either Amount=CrAmount)
 DoCmd.RunCommand acCmdSaveRecord → to save the record in the table
 DoCmd.OpenQuery "Supplier_Entry_Query" → to append the transaction table records into GL entry table { employee form: Supplier_Entry_Query} {customer form: Customer_Entry_Query}
 IsNew = No
 Me.AllowEdits = False
 Me.AllowDeletions = False



To lock the table fields after the post button is clicked

DoCmd.GoToRecord → to go to new record by default after the record is posted

6. Format the layout and rearrange the fields
7. Create default next button, new button, previous button and last button.
8. Add colours to the background and fields
9. Add pop up property-yes, modal property-yes to the form

Creating Transaction Form “ Acc_Debit_Supplier”

Create a Form “ Acc_Debit_Supplier” using form wizard Selected table “Acc_Entries_Supplier”
Selected all the fields from the table.

Specifically with respect to below fields DrAcc1, CrAcc1 DrAcc, CrAcc

Created two combo boxes

First Combo Box linked to table “Acc_Suppliers” and referring to DrAcc1 of the Table
“Acc_Entries_Supplier”

Second Combo Box linked to table “Acc_GL_Master” and referring to CrAcc of the Table
“Acc_Entries_Supplier”

Hardcoded DrAcc as "Creditors"

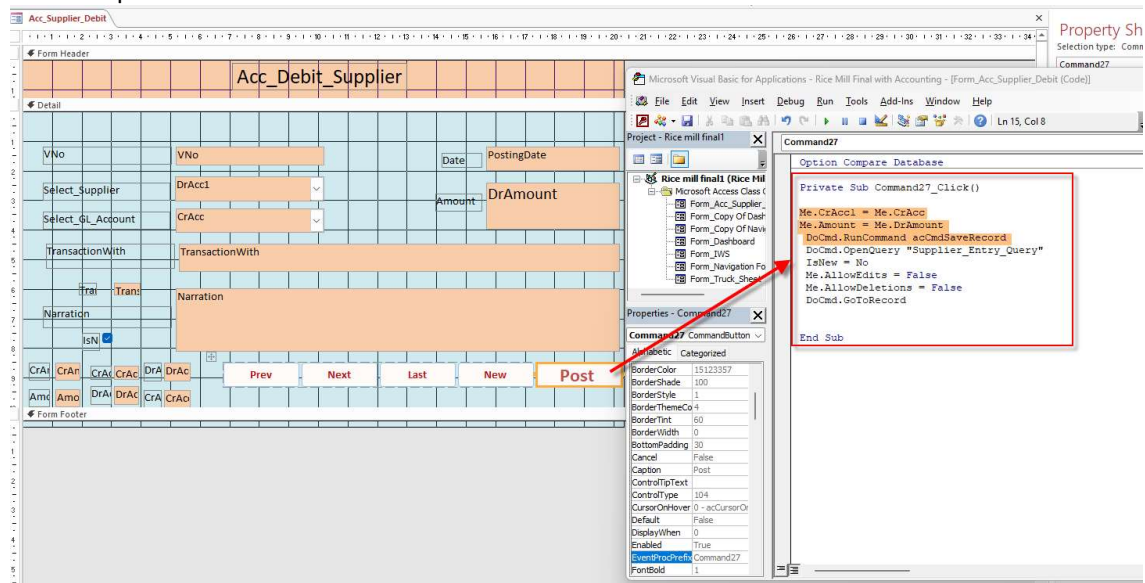
i.e. out of 2 debits and 2 credits 3 are already addressed above the fourth one is addressed after
Pushing Post Button CrAcc1 = CrAcc (i.e. CrAcc is copied into CrAcc1)

Defaulted value into Amount from DrAmount i.e. Amount = DrAmount

Created a Post Button which saves the record in the table “Acc_Entries_Supplier” also Locks the
record.

While adding in “Acc_Entries_Supplier” it will also get inserted in another table Acc_GL_Entries using
append. For this functionality a new field

Note: - in the field CrAcc1 of “Acc_Entries_Supplier” as already noted Post Button defaults the value
in CrAcc1 from CrAcc, therefore indirectly it is made as mandatory to push Post Button. Unless Post
Button is pushed record is not saved and will be rolled back.



Views Tools Show/Hide Field, Record & Table Events Relationships

All Access Objects

Search...

Tables

- Acc_Customers
- Acc_Employees
- Acc_Entries_Customer
- Acc_Entries_Employee_Advance
- Acc_Entries_Supplier**
- Acc_GL_Entries
- Acc_GL_Group
- Acc_GL_Master
- Acc_Suppliers
- C_Code
- Company_Info
- Delivery_Chalaan
- Incoming_GE
- Incoming_WS
- Truck_Sheet_H
- Truck_Sheet_L

Queries

- Customer_Entry_Query
- Employee_Entry_Query
- Supplier_Entry_Query
- Consolidated_Sum_Query

Forms

- Acc_Customers
- Acc_Employees
- Acc_GL_Group
- Acc_GL_Master
- Acc_Supplier_Debit
- Acc_Suppliers
- Company_Info
- Consolidated_Total_Demo
- Consolidated_Totals
- Copy Of Dashboard
- Copy Of IGE From

Acc_Entries_Supplier

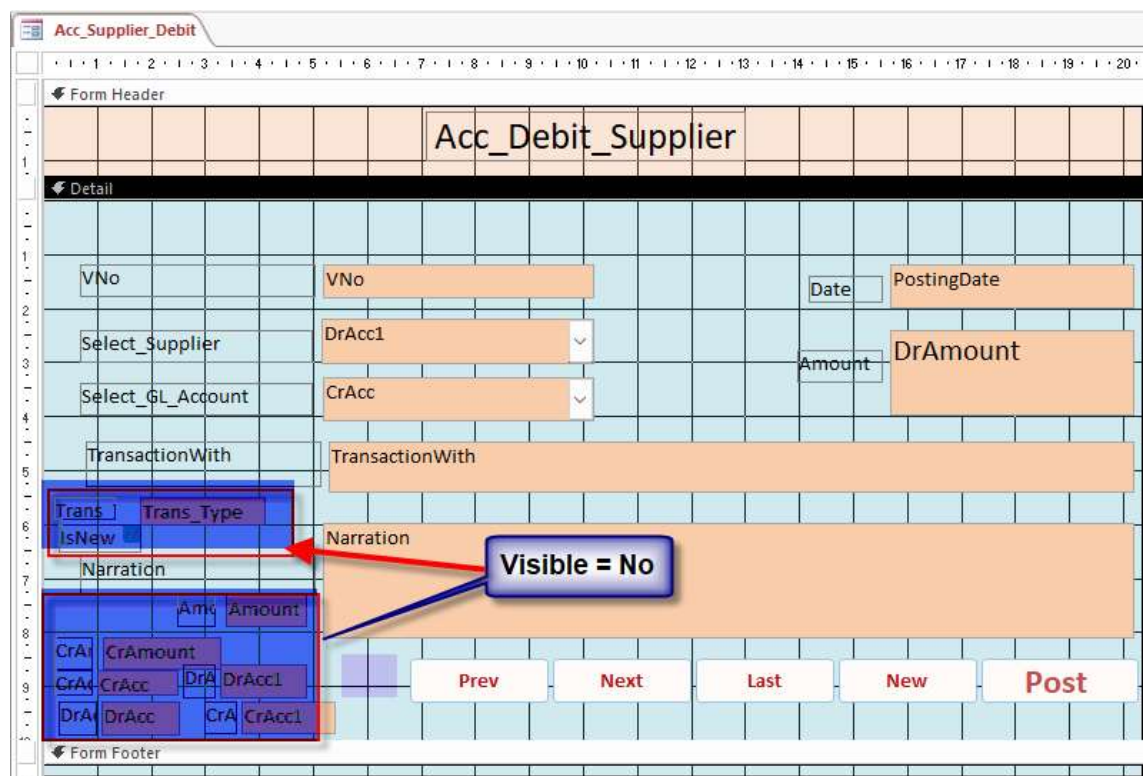
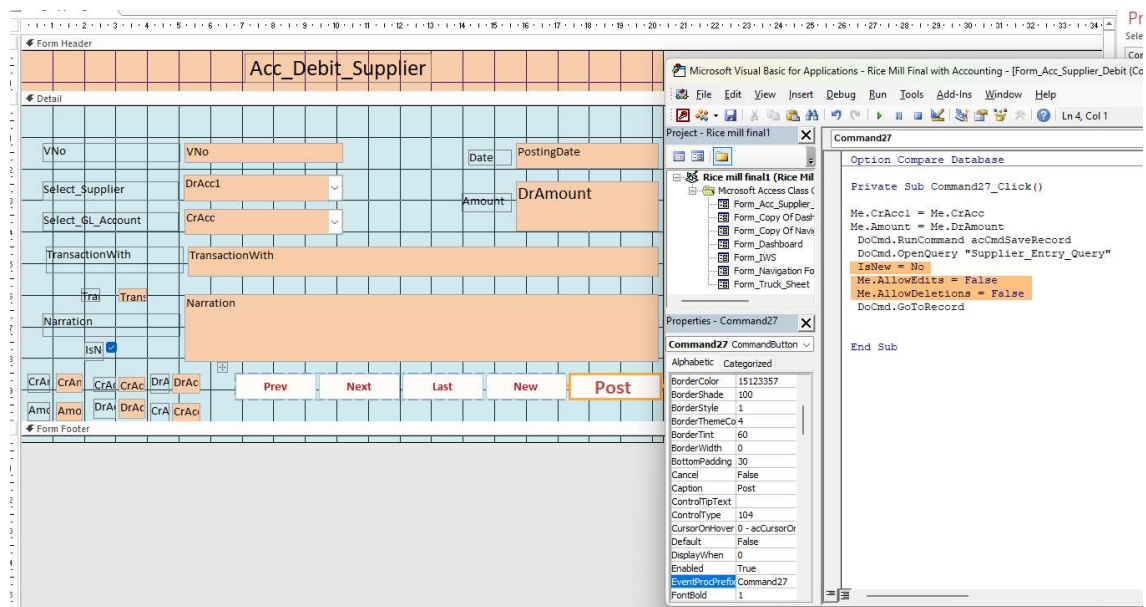
Field Name	Data Type
VNo	Short Text
PostingDate	Date/Time
TransactionWith	Short Text
DrAcc	Short Text
CrAcc	Short Text
DrAmount	Currency
CrAmount	Currency
Amount	Currency
Narration	Long Text
DrAcc1	Short Text
CrAcc1	Short Text
Trans_Type	Short Text
IsNew	Yes/No

General **Lookup**

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	Yes
Allow Zero Length	No
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

As already noted after record is inserted in "Acc_Entries_Supplier" it will also get inserted in Acc_GL_Entries using the flag IsNew

Later record is locked for Delete and Edit.



Program is stopping if GL Account = Blank on Post Correct

Acc_Entries_Supplier

Acc_Debit_Supplier

VNo	ddd	Date	30-08-2023
Select_Supplier	Supplier2	Amount	₹ 200.00
Select_GL_Account			
TransactionWith	ddd		
Narration	ddd		

Microsoft Visual Basic

Run-time error '-2147352567 (80020009)':

You must enter a value in the 'Acc_Entries_Supplier.CrAcc1' field.

Record: 11 of 11 | No Filter | Search

Program is not stopping if Supplier is Blank on Post Wrong

Acc_Entries_Supplier

Acc_Debit_Supplier

VNo	5656	Date	30-08-2023
Select_Supplier		Amount	₹ 200.00
Select_GL_Account	Employee Advance		
TransactionWith	ddd		
Narration	dddd		

Microsoft Access

You are about to append 1 row(s).

Once you click Yes, you can't use the Undo command to reverse the changes. Are you sure you want to append the selected rows?

Record: 10 of 10 | No Filter | Search

Resolved by making DrAcc1 by Required = Yes, Allow Zero Length = No

All Access Objects

Search...

Tables

Acc_Customers

Acc_Employees

Acc_Entries_Customer

Acc_Entries_Employee_Advance

Acc_Entries_Supplier

Acc_GL_Entries

Acc_GL_Group

Acc_GL_Master

Acc_Suppliers

C_Code

Company_Info

Delivery_Chalaan

Incoming_GE

Incoming_WS

Truck_Sheet_H

Truck_Sheet_L

Queries

Customer_Entry_Query

Employee_Entry_Query

Supplier_Entry_Query

Consolidated_Sum_Query

Forms

Acc_Customers

Acc_Employees

Acc_GL_Group

Acc_GL_Master

Acc_Supplier_Debit

Acc_Suppliers

Company_Info

Consolidated_Total_Demo

Consolidated_Totals

Copy Of Dashboard

Copy Of IGE From

Views

Tools

Show/Hide

Field, Record & Table Eve...

Relationships

Acc_Entries_Supplier

Field Name	Data Type
VNo	Short Text
PostingDate	Date/Time
TransactionWith	Short Text
DrAcc	Short Text
CrAcc	Short Text
DrAmount	Currency
CrAmount	Currency
Amount	Currency
Narration	Long Text
DrAcc1	Short Text
CrAcc1	Short Text
Trans_Type	Short Text
IsNew	Yes/No

General

Lookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	Yes
Allow Zero Length	No
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

Now working fine

Acc_Entries_Supplier

Acc_Debit_Supplier

VNo

ddd

Date

30-08-2023

Select_Supplier

Select_GL_Account

Employee Advance

TransactionWith

dddd

Narration

dddd

₹ 565.00

Continue

End

Debug

Help

Prev

Next

Last

New

Post

Record: 11 of 11

No Filter

Search

Microsoft Visual Basic

Run-time error '3314':


You must enter a value in the 'Acc_Entries_Supplier.DrAcc1' field.

Continue

End

Debug

Help



On Post, Program Pops up messages for Append, after finalization of Design those messages are hided

Acc_Entries_Supplier

Acc_Debit_Supplier

VNo

ddd

Date

30-08-2023

Select_Supplier

Supplier2

Select_GL_Account

Employee Advance

TransactionWith

dddd

Narration

dddd

Amount

₹ 565.00

Prev

Next

Last

New

Post

Record: 14 11 of 11 No Filter Search

Microsoft Access

!

You are about to run an append query that will modify data in your table.

Are you sure you want to run this type of action query?

For information on turning off confirmation messages for document deletions, click Help.

Show Help >>

Yes

No

Help

Acc_Debit_Supplier

VNo: ddd Date: 30-08-2023

Select_Supplier: Supplier2 Amount: ₹ 565.00

Select_GL_Account: Employee Advance

TransactionWith: dddd

Narration: dddd

Microsoft Access

You are about to append 1 row(s).

Once you click Yes, you can't use the Undo command to reverse the changes. Are you sure you want to append the selected rows?

Yes No

Prev Next Last New Post

Record: 11 of 11 No Filter Search

Locking Not Working

Post Button saves the record in "Acc_Entries_Supplier" also Locks for Delete and Edit
After closing and reopening of Form locking is not working the fields are enabled.

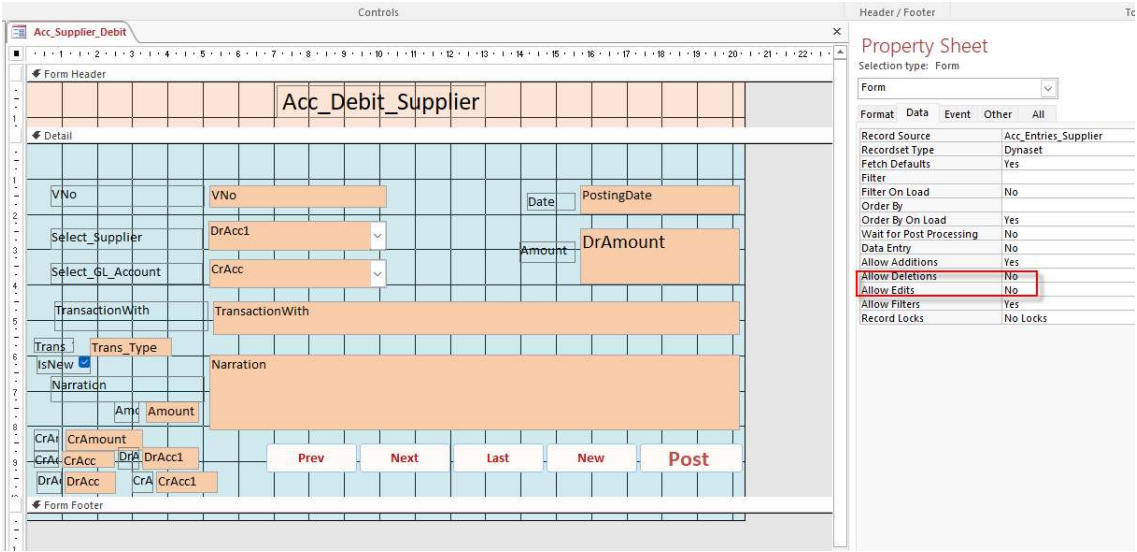
To lock the table fields after the post button is clicked

DoCmd.GoToRecord → to go to new record by default after the record is posted

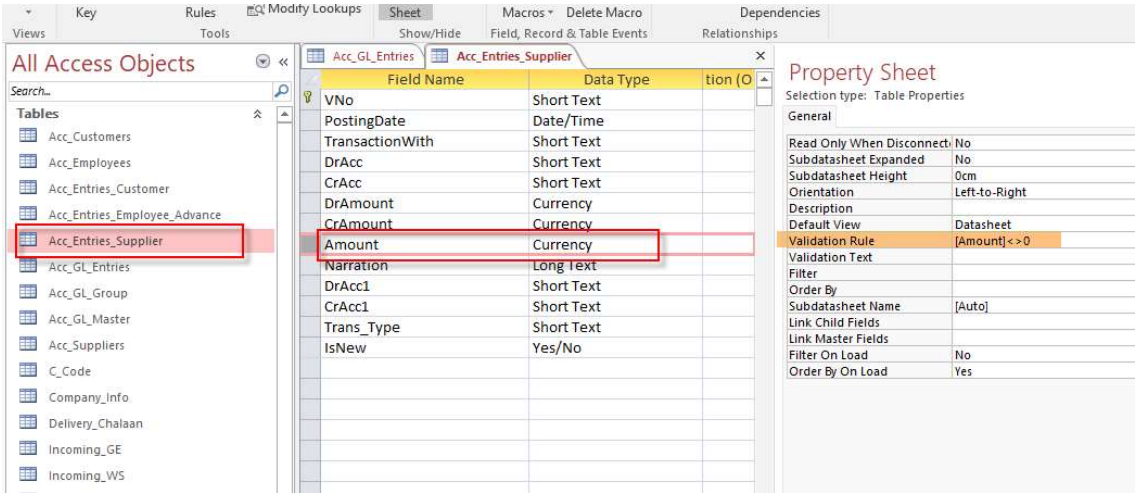
Created a

Later record is locked for.

Locking working fine after making changes to Form Properties as Allow Deletions and Allow Edits = No



Stopping Zero Values from Posting



Acc_Entries_Supplier

Acc_Debit_Supplier

VNo	006	Date	31-08-2023
Select_Supplier	Supplier3	Amount	₹ 0.00
Select_GL_Account	Employee Advan		
TransactionWith	SSSS		
Narration	SSSS		

Microsoft Visual Basic

Run-time error '3317':

One or more values are prohibited by the validation rule
'[Amount] <> 0' set for 'Acc_Entries_Supplier'. Enter a value that the
expression for this field can accept.

Continue End Debug Help

Prev Next Last New Post

Record: 6 of 6 No Filter Search