

Brandon Moore

From: Cory Warden <pagosacory@gmail.com>
Sent: Tuesday, December 10, 2019 2:56 PM
To: Brandon Moore - adilas.biz
Subject: Fwd: request for SQL stored procedure
Attachments: grouped inventory illustrating chart of accounts.png; roll up corp wide setting.xlsx

Printed on 12/12/19
- part of a project
for automation
+ cross corp
stuff

Hi Brandon-

I know you are booked and may not see this prior to the meeting but you can have it to reference during.

Talk to you soon and thanks for your time!

Cory

----- Forwarded message -----

From: Cory Warden <pagosacory@gmail.com>
Date: Mon, Dec 9, 2019 at 7:23 PM
Subject: request for SQL stored procedure
To: Stephen Berkenkotter <srb@adilas.biz>, Tim Lyons <t198765@gmail.com>, Jennifer Seminoff <jennifer.seminoff@useherbo.com>

Hey Steve-

We met with Bob today- yes, another character!

We would like to try to meet to discuss this tomorrow. We have to be on site with Bob at 8am so if you can meet at 7am (8am your time) that would be awesome. If not totally understand- just let us know when you can meet. We won't be with Bob all day so later in the day could work as well. We appreciate your time and input!!

Background:

We have a holding company (GCI) with 11 entities/subsidiaries underneath, that have Herbo accounts.

What we would like to do is enter the data in the GCI holding company and have that data directed to the appropriate entity.

Ex:

GCI invoice table to Entity 01 invoice table.

Tim would like to have a store procedure based on the entry of Entity 01 invoice into GCI invoice to be replicated from GCI invoice table into Entity 01 invoice table.

Bob is very adamant about the general ledger and the roll up procedure. He has faith in us but he wants to see it.

I am attaching a couple of screen shots. Here is the synopsis of this in Cory/laymens terms:

Basically we are trying to make a general ledger system until there is one in place, that rolls up to the Holding Company. The way we have found to do this is through the categories. If you have an account number for inventory called 1300, and then underneath that you have your flower category for yolo 1, and you name it 1315.01 Flower/Buds (so that would be yolo flower inventory). Then you have category flower for yolo 2, and that is named 1315.02 Flower/Buds. Please see screen shot that shows grouped inventory as such.

We also did the same for SG&A. (1300.01 and 1300.02) This will tell GCI, the holding company, the numbers for Yolo 1 and yolo 2. We would do that for each category, for each company.

What Tim is wanting to happen is for what he said at the top, so all 01's get designated as Yolo 1's, all 02's to Yolo 2, and so on.

I also attached a spreadsheet that shows the setting we want to add to corpwide settings.

Let us know what you think and when we can discuss this.

--
Thanks-
Cory

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--
Thanks-
Cory

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Goal: Create and move inventory from sub companies through a holding company using a source and destination.

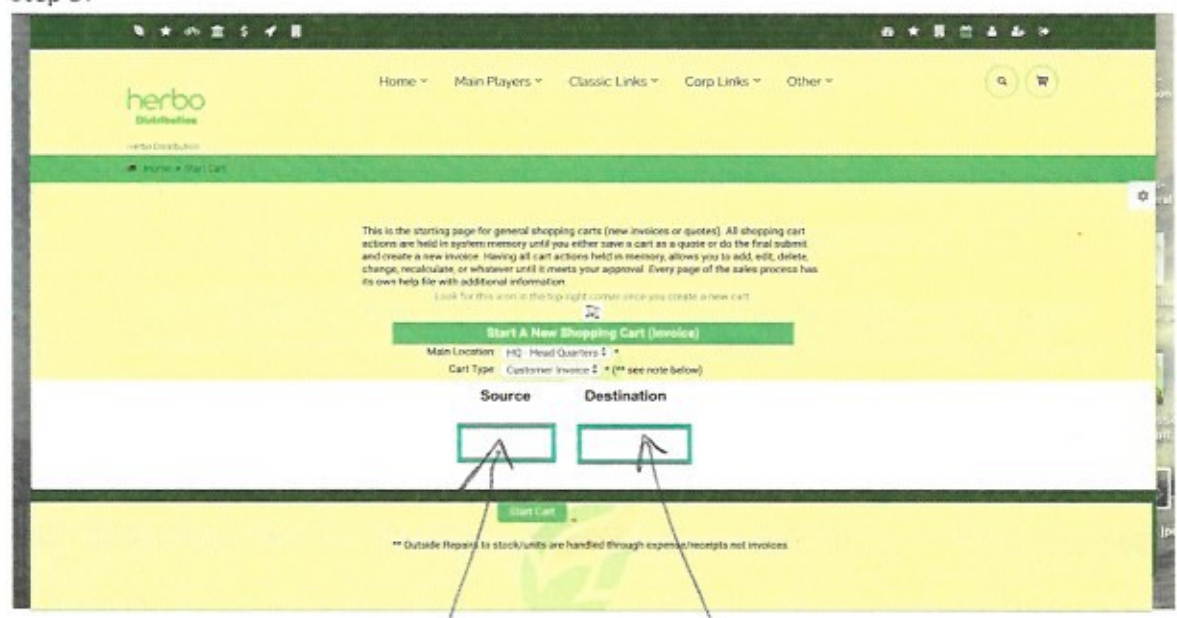
Step A-N is creation of an invoice and auto PO with verification and payment

Step A:



Start new
cart

Step B:



from
where
(invoice
side)

to
where
(PO
side)

Step C:

herbo Distribution

Home Main Players Classic Links Corp Links Other

Clear Cart Discount Calc Bulk Edit Lines Bulk Print Labels - New Window More Options

Cart Quick Search Search (flexible 4 way search: part number, reference number, description, or barcode)

Customer Info Location & Salesperson Info Cart Info

Name: [choose customer] Location: HQ - Head Quarters Cart Type: Customer Invoice
 Address: Created By: Herbo Admin Date: 12/10/19
 City, State & Zip: Salesperson: Admin, Herbo Cart Amount: \$0.00
 Phone: Other Salesperson: select Cart Items: 0

My Favorites Add Item Split Cart Save Quote Update Cart Checkout

Source Destination

Cart Line Items

Quantity	Price	Part Number	UoM	Description	Line Tax	Category	Extended Tax	Remove
Sub Total: \$0.00								
Taxes: \$0.00								

Show values inside the cart

Step D:

herbo Distribution

Home Main Players Classic Links Corp Links Other

Advanced Parts Search Portable Parts List All Parts Delivered Show/Hide Search Criteria More Options

To add more than one item to the shopping cart, put a valid quantity in the correct field(s) and click the 'add' button. To help you save time, we set the quantity to 1. You may change it if needed.

Parts Search Results (1)

Photos/Content	Part Number	Barcode	Reference	Vendor	Price	UoM	Quantity	Qty. Sub Qty.	Category	Description	View Mode
Index:sub1	Og Kush Plants			Herbo Distribution	\$8.00 ea.	sub	0.00	100.00	Plants	Og Kush Plants	[edit] [cust] [full] [usage]

#	Price	Quantity	Qty	Description	Sub Barcode	Sub Id	Time Id	Batch Number
1	\$8.00	Add	100.00	Og Kush Plants b-11		-11	0	[details] [edit] [view]

If you are looking for inactive parts or need to refine your search, you need to use the advanced parts search.

Search items

Step E:

Herbo Distribution

Home View Cart

Clear Cart Discount Calc Bulk Edit Lines Bulk Print Labels New Window More Options

Cart Quick Search Search (flexible 4 way search: part number, reference number, description, or barcode)

Customer Info		Location & Salesperson Info		Cart Info	
Name	[choose customer]	Location	HQ - Head Quarters	Cart Type	Customer Invoice
Address		Created By	Herbo Admin	Date	12/10/19 [clear cart]
City, State & Zip		Salesperson	Admin, Herbo	Cart Amount	\$900.00
Phone		Other Salesperson	select	Cart Items	1

My Favorites Add Item Split Cart Save Quote Update Cart Checkout

Source Destination

Cart Line Items

Quantity	Price	Part Number	UoM	Description	Attributes	Line Tax	Category	Extended	Tax Remove
[edit]	50.00	\$18.00	Og Kush Plants	ea	Og Kush Plants	Subs	Show Wholesale	\$900.00	\$0.00
									-11

Sub Total \$900.00
Taxes \$0.00

Cart Total: \$900.00

normal view cart with item(s)

Step F:

Herbo Distribution

Home Main Players Classic Links Corp Links Other

Back

This is the payments page of the shopping cart. It is very important that you only enter the physical amount of money received. It is ok to enter 0.00 if needed. You will be responsible for the amount entered. Other payments may be added at a later date by going to that invoice. This exact information, these amounts, and money types will be used on the deposits. Make sure your information is correct. See the help file for more info.

Cart Total \$900.00

Select Herbo in Money Type below

Customer Terms & Settings

Customer Type	Membership	Expiration Date	Customer Tax Id	Terms	Credit Settings	Current Receivables
Normal	N/A			Net 15	Cash Only	Owe \$1,800.00

(check if invoice is going to be "On Account" - no physical monies were paid but will be paid later on)

Enter Payment(s) Below

Amount	Money Type	Date	Check #	CC Approval	Payment Notes (optional)
1 0.00	On Account	12/10/19			
2	select	12/10/19			
3	select	12/10/19			

Pmt. Total Amount Remaining Calc Change Due: Yes - Auto (default)

0.00 900.00 Continue

This page can accept multiple different payment types per invoice. Once the invoice is created, additional payments may be added through the add/edit invoice line items page.

normal checkout on account for this sample

Step G:

Invoice # 7

Customer Info	Location & Salesperson Info	Invoice Info
Name: Herbo Cultivation	Location: HQ - Head Quarters	Invoice Type: Customer Invoice
Address: need	Created By: Herbo Admin	Date: 12/10/2019
City, State & Zip: San Clemente, 95444	Salesperson: Herbo Admin	Paid Date: Pmt. Pending
Phone:	Other Salesperson:	Invoice Amount: \$900.00

Invoice Line Items (1)

Quantity	Price	Part Number	UoM	Description	Attributes	Extended	Tax
50.00	\$18.00	Og Kush Plants	ea	Og Kush Plants		\$900.00	\$0.00

Sub Total: \$900.00
Taxes: \$0.00
Total: \$900.00

Amount Type	Date	Check #	CC App.	Notes
50.00	On Account	12/10/2019		

Contact Info
Salesperson: Herbo Admin
Location: HQ - Head Quarters
Corporation: Herbo Distribution

7 on the source side

new invoice is created

Note: Steps H-N are done in the back end of the receiving destination need to be automated

Step H:

Automate step 1 (select cross corp invoice to PO)

Verified: \$1,800.00 - Pending: \$1,632.37 - Total: \$3,432.37

Photos/Content	PO	Vendor	Loc	Type	Amount	Reference	Created	Received	User	Verified	Paid
	715	Herbo	HQ	Basic Live	\$1,800.00	6	12/10/19	12/10/19	Herbo	12/10/19	Paid

new corp... currently, this is a manual transaction - they are looking to automate it

Step I:

Automate step 2

Source: Destination:

Corp Id: 1289
Report Type: Invoices
Main Id: 7

Submit

where it came from aka - the source Corp id
7 was the source invoice

Step J:

Automate step 3

PO Type: Basic Line PO - Vendor Specific - Tied to inventory
PO Date: 12/10/2011 * (main po search date)
Location: V - Vegetation
PO Notes(From Invoice): Cross corp invoice to po. From corp. 1289, Invoice Number: 7

Date Received: 12/10/2011 * (this is the primary inventory and payables date)
PO Amount: 999.00
External Reference #: 7 (external invoice #)
PO Received Status: Yes (Items are physically in my possession) * (main inventory switch)

Line	Use	Request Qty.	Received Qty.	Current Extended Cost	Price	Item	Category	Description	Barcode	RFID tag #	Use Map	Status/Action
1	✓	50.00	50.00	\$18.00	900	Og Kush Plants	Plants	Og Kush Plants			show map	edit map

Create Po

Current cross corp invoice to PO page + process

Step K:

Herbo Distribution

Home Main Players Classic Links Corp Links Other

Create A New Purchase Order
Create A New Purchase Order Using This Payee
View Recent Activity of This Payee

Quick Add Item By Searching Items Search Items (mini version of form below)

Vendor Info	Location/User Info	PO Info
Vendor/Payee: Herbo Distribution (payable)	Location: V - Vegetation	PO #: 716
Address: seed	Verified: Yes - 12/10/2019	PO Amount: \$900.00
City, State, Zip: San Clemente, CA 95644	Created By: Herbo Admin	Date Created: 12/10/2019 : (age 0)
Account #:	Received By: Herbo Admin	Date Received: 12/10/2019 : (age 0)
Phone:	PO Type: Basic Live PO	External Ref. #: 7
	PO Paid: No : pmts(0)	

Notes:
Cross corp invoice to po. From corp: 1289, Invoice Number: 7.

(update bulk line sorts) (bulk edit lines) (void this po)

PO Line Items (1)
Running Line Total: \$900.00

Lock	Quantity	Cost	Extended	Loc	Item	Label	Vendor	UoM	Control/RFID	Tag	Number	Description	Line	Sort
[edit] x	50.00	\$18.00	\$900.00	V	Dg Kush Plants	[desc]	Herbo Distribution	ea				Dg Kush Plants	Show	100
#	Quantity	Cost	Price	Description	Sub	Control/RFID	Tag	Sub	Time	Mother	Wet	Plant	Batch	
1.1 [edit] [del] [details]	50.00	\$18.00	\$20.00	Dg Kush Plants	-1181			b-11	0			Origin	Batch	Number

Currently, you have to manually verify the PO. They want to automate that - it is just a flag and an id of who did it

Step L:

Herbo Distribution

Home Payable Numbers

Payment Receipt Homepage Show the Search Criteria More Options

Default Check Writing Bank Balance:
Fells Wango Bank : \$1,013.07

Report Returned 1 vendor/payees with 2 records

PO Totals: Payments: Still Owed:
\$1,700.00 \$0.00 \$1,700.00

Automate step 5- payment

Pay	Photo	PO Reference #	Amount	Payments	Owe	Loc	Person	Date	Received	Rec- Age	Last Pmt.	Pmt- Age	Verified	Ver- Age	Notes
<input checked="" type="checkbox"/>		714 Invoice 3345	\$890.00	\$0.00	\$890.00	HQ 1	Herbo Admin	12/10/19	12/10/19	0		0	not yet	0	bringing in inventory
<input checked="" type="checkbox"/>		716 7	\$900.00	\$0.00	\$900.00	V 2	Herbo Admin	12/10/19	12/10/19	0		0	12/10/19	0	Cross corp invoice to po. From corp: 1289, Invoice Number: 7.
Totals:			\$1,700.00	\$0.00	\$1,700.00				Avg. 0	0	0				

Pay

this is another manual process - they want to automate the payment - I have some questions here ... what settings?

For the record, this deals with an expense/receipt for the PO being paid for

Step M:

Herbo Cultivation

Home ▾ Main Players ▾ Classic Links ▾ Corp Links ▾ Other ▾

Expense/Receipt Notes: Payments made for PO's 716

Matching External Reference #'s: If you want, copy and paste these values into your notes (the notes have no required format)
Payments made on external reference #'s: 7

The following section is for the expense/receipt payment

Automate step 6 →

Money Type: Cash (see note above)
 Bank: Fells Wargo Bank (see note above)
 Check Number: (required if money type is check) - (see note above)
 Transaction Number: (used for wires, EFT's, credit cards, etc.) - (see note above)

The following section is for the expense/receipt line item

** All items will contain the following info added from behind the scenes: **
 Payment Type, location, line description, PO number, and expense type chosen below

Type: Inventory - 1300 Inventory - (B.S. - Inventory) (help/printable list)

Create Receipt

Using this form will create a new expense/receipt and make a link between the PO numbers and this expense/receipt

- normal steps for paying for a PO
 - currently part of the manual process

Step N:

Herbo Cultivation

Home ▾ Main Players ▾ Classic Links ▾ Corp Links ▾ Other ▾

Use mouse click on the red magnifying glass properties, and the account to add additional items into items form. See the help file for more info.

Vendor/Payee Info	User/Date Info	Expense/Receipt Info
Vendor/Payee: Herbo Distribution :: [payables] Payee Type: Vendor Address: need City, State, Zip: San Clemente, CA 95444 Account #: EIN: Phone:	User: Herbo Admin Date: 12/10/2019 Due Date: 12/10/2019 Paid Date: 12/10/2019 Reimbursement: No Verified & Posted: No / No Notes: Payments made for PO's: 716	Expense/Receipt #: 8 Amount: \$900.00 Type: Normal Expense/Receipt External Invoice #: 0 Source: <input type="text"/> Destination: <input type="text"/>

Void this receipt

Expense/Receipt Line Items (1)

Running Line Total: \$900.00

Lock	Amount Groupings	Type	Loc	Stock	PO Invoice	B.S.I.	Time	Description
[edit]	\$900.00 B.S. - Special Expense - Inventory - Inventory	1300 Inventory	V	0	716	0	N/A	N/A
								Paid \$900.00 on external reference # 7. See PO number 716.

[add new payment]

Payments Made (1)

Amount	Type	Bank	Date	Verified	Check #	Print Status	Print Date	Printed By	Trans #	Notes
[edit] [verify print]	\$900.00	Cash	Fells Wargo Bank	12/10/2019	No					Incomplete or pending...

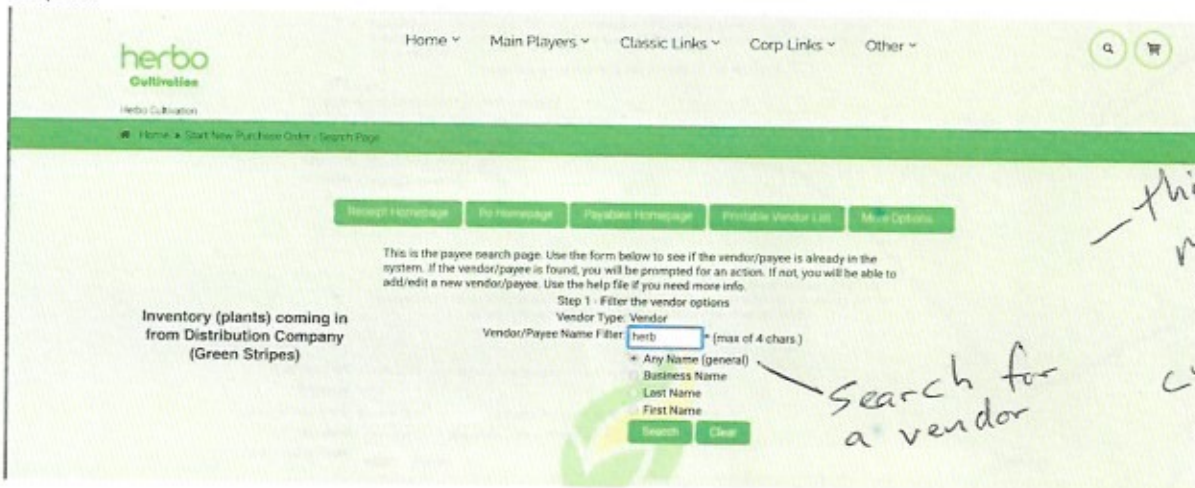
New E/R # 8
 Payment for PO # 716

Currently showing cash & a bank
 I have questions here ... settings?

- We now switch to the holding company

Steps 1-7 is phase 2 the PO creation through a holding company

Step 1:



- this is the create new PO process - currently a manual process

Step 2:



Step 3:

This is the add/edit purchase order (PO) page. PO's are divided into two main parts. This is the main PO info. The other part is the PO line items or what is being purchased. New PO's may be created and entered all at once or just the PO number may be created and the items added later (once received).

* Indicates a required field. See the help file for more info.

PO #: new
 Vendor: Herbo Distribution : [current payables]
 PO Type: Basic Live PO - Vendor Specific - Tied to inventory : [help]
 PO Date: 12/10/2019 * (main po search date)
 Location: HQ - Headquarters : *
 PO Notes: bringing in inventory

If you don't have the items in your possession, leave the bottom part blank until you physically receive the items. As soon as you mark the PO as received, items will show up in inventory and the PO will become part of the accounts payable (we owe money) section.

Date Received: 12/10/2019 (this is the primary inventory and payables date)
 PO Amount: 1000
 External Reference #: Invoice 3345 (external invoice #, RFID tag #, statement #, etc.)
 PO Received: Yes - (items are physically in my possession) : * (main inventory switch)
 Additional Vendor/Payee: select: (blank) (optional)

[limit selection]
 Add PO

normal build the main PO body.
 as a note, we may want to select the correct location this will help later on

Step 4:

This is the add/edit purchase order (PO) page. PO's are divided into two main parts. This is the main PO info. The other part is the PO line items or what is being purchased. New PO's may be created and entered all at once or just the PO number may be created and the items added later (once received).

* Indicates a required field. See the help file for more info.

PO #: new
 Vendor: Herbo Distribution : [current payables]
 PO Type: Basic Live PO - Vendor Specific - Tied to inventory : [help]
 PO Date: 12/10/2019 * (main po search date)
 Location: HQ - Headquarters : *

Source	Destination
<input type="text"/>	<input type="text"/>

PO Notes: bringing in inventory

If you don't have the items in your possession, leave the bottom part blank until you physically receive the items. As soon as you mark the PO as received, items will show up in inventory and the PO will become part of the accounts payable (we owe money) section.

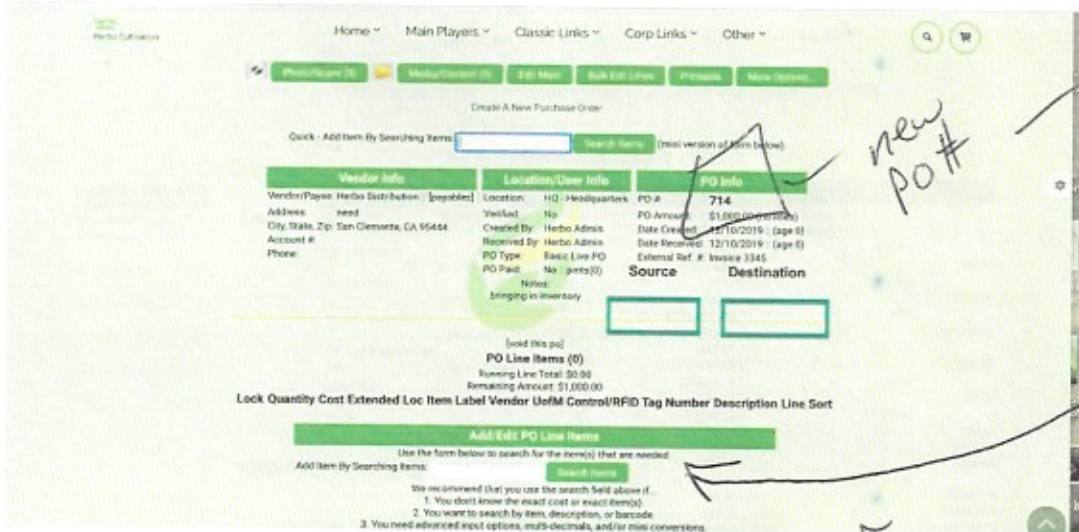
Date Received: 12/10/2019 (this is the primary inventory and payables date)
 PO Amount: 1000
 External Reference #: Invoice 3345 (external invoice #, RFID tag #, statement #, etc.)
 PO Received: Yes - (items are physically in my possession) : * (main inventory switch)
 Additional Vendor/Payee: select: (blank) (optional)

[limit selection]
 Add PO

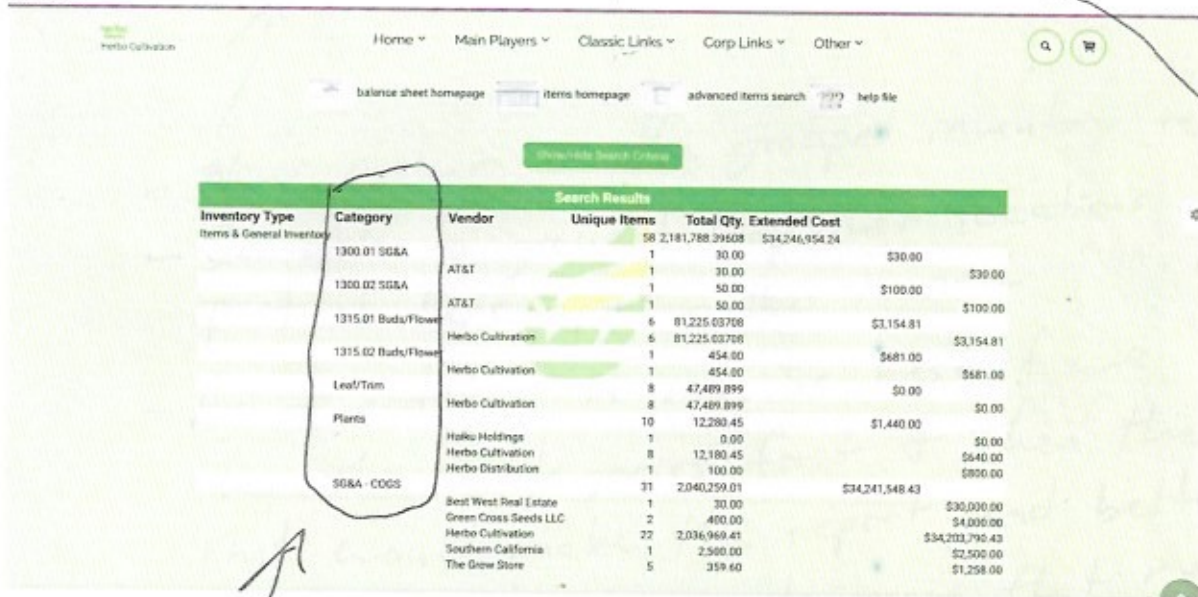
still part of the normal add PO process

these are new fields ... if automating the process ... we may already have those values. The source is where the new PO came from. The destination is the holding company

Step 5:



Step 6:



- this is the current grouped inventory report. this is on the holding company side of things.
- Currently, they are using categories with extensions. I'd like to keep the categories simple & add in locations - see next screen shot.



Step 7:

2

move over by 1 column

Inventory Type	Loc	Category	Vendor	Unique Items	Total Qty	Extended Cost
Items & General Inventory	1300.01	SG&A		58	2,181,788	\$34,246,954.24
			AT&T	1	30.00	\$30.00
			AT&T	1	30.00	\$100.00
			AT&T	1	50.00	\$100.00
		Buds/Flower	Herbo Cultivation	6	81,225	\$3,154.81
		Buds/Flower	Herbo Cultivation	6	81,225	\$3,154.81
			Herbo Cultivation	1	454.00	\$681.00
		Leaf/Trim	Herbo Cultivation	1	454.00	\$681.00
			Herbo Cultivation	8	47,489	\$0.00
		Plants	Herbo Cultivation	8	47,489	\$0.00
			Herbo Holdings	10	12,280	\$1,440.00
			Herbo Cultivation	1	0.00	\$0.00
			Herbo Cultivation	8	12,180	\$640.00
			Herbo Distribution	1	100.00	\$890.00
			SG&A - COGS		31	2,040,259
	Best West Real Estate	1	30.00	\$30,000.00		
	Green Cross Seeds LLC	2	400.00	\$4,000.00		
	Herbo Cultivation	22	2,036,969	\$34,203,796.43		
	Southern California	1	2,500.00	\$2,500.00		
	The Grow Store	5	359.60	\$1,258.00		

- New Column on the grouped inventory report.
- Be able to group & loop over locations as part of this report - this is new
- As a note ... it may be best if we loop over the categories first & then the locations. That would make the report read better - so I would propose to move that new column over one place. Or ... maybe

Go Category, vendor, location, ~~unique items~~

or (Go Category, vendor, unique items, location)

this may be best



maybe switch these around

- ④ Planning 1/2 hour meeting with client
7:30-9:00 Going over their docs
& screen shots
- ⑤ Quote
- ④ my time
- ③① dev time
- ④ build out/testing
- ④ review/code sign off
- ② merge
- ① upload

2 hr already + 2 more

50 hours = \$5,000

P.1

- Holding Company = GCI

- Sub or child companies

11 Subs
 Yolo 01, Yolo 02, Yolo 02A,
 Yolo 02B, Yolo 02C, Yolo 02D,
 Yolo 02E, 530, Woodland,
 Green Stripes, GCMS

- Currently, they are using categories to help determine the location - bad idea - I'd like to get it back to location based ... this is my goal

- they are adding .01, .02, etc. to each category - old school chart of account stuff

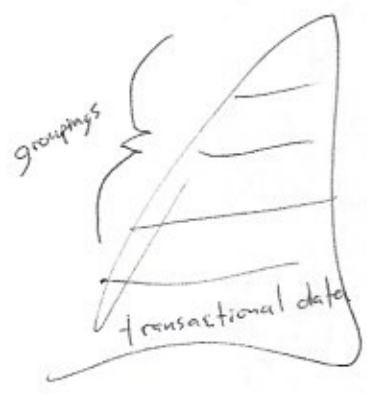
Mappings

- Category level
- proposed location level
- Payables based on location
- looking to cross tie all the pieces
- full roll-up to the holding company

Current	I would rather	
flower.01	loc.	Category
flower.02	01	flower
flower.03	02	flower
	03	flower

- Known need ... add locations (as a groupings) to the grouped inventory report ... file called balance-sheet-parts-categories.cfm
- this could be a new setting for the report, and it could be quick or it could cause some re-writing
- They keep talking about a stored procedure (database stuff) - we most likely will do it some other way as a real time transaction.
- It keeps coming back to accounting & the terms "general ledger" type system
- They would like the mappings to become settings

pg 2



- think of a triangle ... the top is most simplified grouping ... the bottom is the transactional data

- Currently, this one company wants this ... sort of a deal breaker. However, we know of multiple companies that will want this later on down the road - build as if for years
- Source & destination type model

- Questions about the automated payments of PO's - what settings
- Questions about the invoice payment options. The sample was on account - that automatically creates a receivable on the source side ...
- what is needed - super general
 - new webpage id for holding mappings
 - build mapping page (settings & mappings)
 - JSON structure
- Corps to locations
 - Categories to categories
 - vendors to vendors
 - items to items
- to make it easy ... they have to be created on both sides to work ... it would be more if we have to auto create & map the pieces
- another webpage id setting to hold the roll-up to Corp id & maybe under what circumstances - more questions about what are these circumstances?
- building out the automations - step by step
- what about roll back - the transaction fails part way through

Pg 3

-
- what about actual time delay between invoice on one side, PO on other side, & second PO on holding corporation? How do we handle that or is it assumed to be instant?

Corp A

Corp B

Corp C

100 items

50 items

50 items

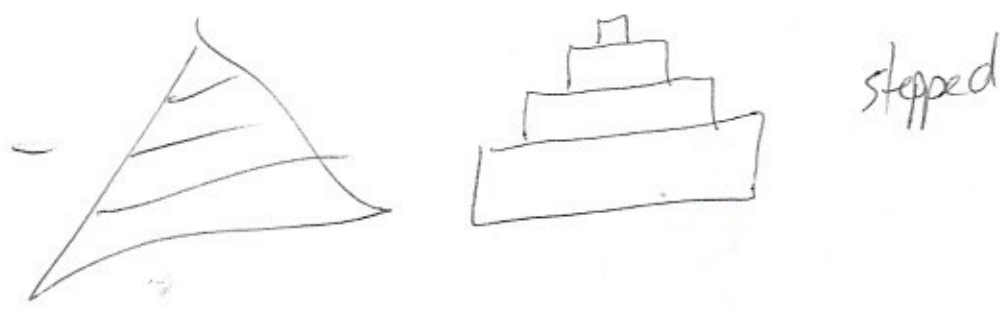
transfer 50 items

50 items

Pg 4

- what is the goal of the holding company? To know all inventory levels? or just a certain payable or receivable?

- on the meeting with Steve on 12/12/19



- Vendors has been a variable in Steve's current aggregation project

- store id's have also been a challenge - smoke & mirrors

- Figure it out on the web mode