

Kasia

Customer Specification

Product Owner: Richmond Ko

Revision History:

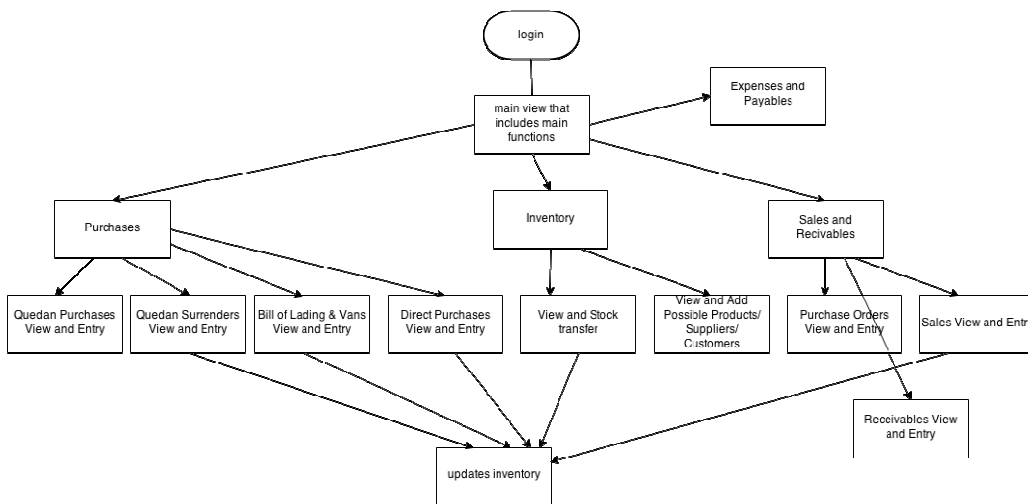
Date	Details	Person	Version
August 9, 2014	Document created	Richmond Ko	1.0
August 14, 2014	Added more collections and main features and functions	Richmond Ko	1.1
August 20, 2014	Added comments from customers	Richmond Ko	1.2

I. System Flow

Company selection:

1. LYL
2. ELMC
3. Olympic Maju
4. Inter-Asia Molasses

Commented [RK1]: Different companies to select during login, different entities



II. Collections and Entries

The system shall have the following collections/entries:

1. Products
2. Suppliers/Agents
3. Customer
4. Salesman
5. Quedan Purchases
6. Quedan Surrenders
7. Direct Purchases
8. Bill of Lading and Vans
9. Purchase Orders
10. Sales
11. Receivables (from product sales and other receivables)
12. Payables

III. Products Collection

The products collection shall have the following fields in each entry:

1. Item Code
2. Item Name
3. Type
 - a. Refine
 - b. Wash
 - c. Raw
 - d. Misc
4. Central Name
5. Origin
6. Class Type
7. Unit Cost
8. Liens (Dynamic array of liens, can be 0 to many)

Commented [RK2]: Settling with unit cost instead of unit price

IV. Suppliers/Agents Collection

The suppliers/agents shall have the following fields in each entry:

1. Supplier Code
2. Supplier Name
3. Supplier Type
 - a. Supplier
 - b. Agent

V. Customers Collection

The customers collection shall have the following fields in each entry:

1. Customer Code
2. Customer Name
3. Address
4. Telephone Numbers
5. Tin #

VI. Salesman Collection

The salesman collection shall have the following fields in each entry:

1. Salesman Code
2. Salesman Name

VII. Quedan Purchases Entry

The quedan purchases collection shall have the following fields in each entry:

1. Date
2. Supplier (referenced from the supplier/agents collection)
3. Product (referenced from the products collection)
4. Unit Cost (referenced from the products collection)
5. Total Bags (computed from subentries)
6. Total Amount (computed from subentries)

Commented [RK3]: Happens when they order sugar from SRA, Quedan is just the document that is stating the order of sugar

7. Total Liens (computed from subentries)

Each entry in quedan purchases collection shall have the following sub-entry fields that can be one or more entries:

1. Sub-entry #
2. Quedan #
3. No. of Bags
4. Kilos
 - a. Piculs
 - b. Producer
 - c. Planter
 - d. Status
 - e. Liens
 - i. Sub liens will depend on the product's liens entered in products collection
 - ii. Example: STAB FEE, SMF, CONFED, LUZODFED etc.
 - f. Date Issued
 - g. Week Ended
 - h. Total Lien

Commented [RK4]: Dynamic array

Example entry:

Date	03/30/2007
Agent	DELMAX TRADING CORP
Product	CADP-B DON PEDRO "B" RAW SUGAR
Unit Cost	1.00

#	1								
Quedan #	A-000612								
Bags	2.06								
Kilos	103								
Piculs	1.63								
Producer	SUMAGUE DALMACIO								
Planter									
Status	Processing								
Date Issue	12/02/2006								
Week Ended	11/26/2006								
Liens	<table> <tr> <td>STAB FEE</td><td>1.63</td></tr> <tr> <td>SMF</td><td>0.16</td></tr> <tr> <td>SRAMP</td><td>0.82</td></tr> <tr> <td>OTHERS</td><td>1.0</td></tr> </table>	STAB FEE	1.63	SMF	0.16	SRAMP	0.82	OTHERS	1.0
STAB FEE	1.63								
SMF	0.16								
SRAMP	0.82								
OTHERS	1.0								
Total Lien	101.4								

VIII. Quedan Surrenders Entry

The quedan surrender collection shall have the following fields in each entry:

1. In-Transit #
2. Date
3. From Product (referenced from products collection)
 - a. Quantity
4. To Product (referenced from products collection) -0

Commented [RK5]: This will be linked to the Quedan purchase entry such that the user will just select from the quedan purchase entries which entries the user needs to surrender and just add the information below

Commented [RK6]: When order has been processed and confirmed, the quedan can be surrendered and the sugar can be received.

- a. Quantity
5. Reference #

IX. Direct Purchases Entry

The direct purchases collection shall have the following fields in each entry:

1. Date
2. Supplier (referenced from suppliers collection)
3. Product (referenced from products collection)
4. Quantity
5. Unit Cost (referenced from products collection)
6. Commission Rate
7. Total Unit Cost
8. Misc. Fees
 - a. Liens
 - b. Insurance
 - c. Storage
 - d. Penalty
9. Withholding tax
10. Commission Amount
11. Payable
 - a. Gross
 - b. Net
12. Reference #
13. Remark

Commented [RK7]: These are the other company purchases that do not require the quedan process

Commented [RK8]: Unit cost + commission rate

Commented [RK9]: Can add more misc fees

Commented [RK10]: With option to enter the tax rate manually

Commented [RK11]: As per BIR rate (local purchases, services, rental)

Commented [RK12]: Quantity * Commission rate

Commented [RK13]: Quantity * total unit cost

Commented [RK14]: Gross payable – misc fees and tax

X. Bill of Lading and Vans Entry

The bill of lading and vans collection shall have the following fields in each entry:

1. Date
2. Supplier (referenced from suppliers collection)
3. Shipping Line
4. Vessel
5. Voyage
6. Bill of Lading #
7. Each entry shall have one or more sub-entries with the following fields in each subentry:
 - a. #
 - b. Van #
 - c. Product (referenced from products collection)
 - d. Description (referenced from products collection)
 - e. Reference # (referenced from quedan surrenders/direct purchase collection)
 - f. Quantity
8. Total Quantity

XI. Purchase Orders Entry

The purchase orders collection shall have the following fields in each entry:

Commented [RK15]: Just like customer quotations

1. Purchase Order #
2. Date
3. Customer (referenced from customers collection)
4. Product (referenced from products collection)
5. Purchase Order Quantity
6. Served (computed by the system, this is the quantity that has been delivered to customer)
7. Balance (computer by the system, =Purchase Order Quantity – Served)
8. Unit Cost
9. Withheld Expanded w/Tax? (y/n) (what is the meaning of this?)
10. %EWT
11. With VAT Divide by 1.X? (y/n) (what is the meaning of this?)
12. %VAT
13. Cancelled? (y/n) (maybe instead of this we can just delete the entry? Or do the user need record of cancelled POs?)

XII. Sales Entry

The Sales collection shall have the following fields in each entry:

1. Delivery Order #
2. Date
3. Customer (referenced from customers collection)
4. Product(referenced from products collection)
5. Purchase Order # (referenced from purchase orders collection)
6. Invoice #
7. Delivery Receipt #
8. R=Ref, V=Van, D=Damage
9. Reference # (referenced from quedan surrenders/direct purchase/bill of lading and vans collection)
10. Quantity
11. Unit Price
12. Amount
13. Salesman (referenced from salesman collection)
14. Commission rate
15. Commission amount (computed by system)
16. Withheld Expanded w/Tax? (y/n)
17. %EWT
18. With VAT Divide by 1.X? (y/n)
19. %VAT
20. EWT Amount

Commented [RK16]: This happens when product has been delivered

Commented [RK17]: Linked to purchase orders, can select which POs will be converted to sales

Commented [RK18]: Source/place where stock was taken from
BALUT/PIER/CENTRAL

Commented [RK19]: Optional entry when invoice has been issued

Commented [RK20]: Optional entry when product sold is raw or refined.
Refined = amount/1.12 * 0.01
Raw = Amount * 0.01

Commented [RK21]: Amount * %EWT

Commented [RK22]: This happens when payment has been received (cheques)

XIII. Receivables Entry

The Receivables collection shall have the following fields in each entry:

1. Type (advances/overpayment from customer, receivables collection, other checks received)
2. If type is advances overpayment from customer:
 - a. Date Received
 - b. Customer
 - c. Check bank
 - d. Branch

Commented [RK23]: Receivables type selection determines fields

- e. Check #
 - f. Check Date
 - g. Check Amount
 - h. Unapplied Balance
3. If type is receivable collection:
- a. Date
 - b. Customer (referenced from customers collection)
 - c. Each entry shall have one or more (what to pay) sub-entries with the following fields in each subentry:
 - i. #
 - ii. Transaction Type
 - iii. D.O.# or Adv # (what is Adv #?)
 - iv. D.O. Date
 - v. Item (from products collection?)
 - vi. Qty
 - vii. Price
 - d. Total amount to pay
 - e. Each entry shall have one or more (actual payment check entry) sub-entries with the following fields in each subentry:
 - i. #
 - ii. Bank
 - iii. Branch
 - iv. Check #
 - v. Check Date
 - vi. Amount
 - f. Total amount of payment (checks)
4. If type is other checks received
- a. Date received
 - b. Customer
 - c. Check Bank
 - d. Branch
 - e. Check No.
 - f. Check Date
 - g. Check Amount

Commented [RK24]: If part of check is applied based on receivables collection.

Commented [RK25]: We can just link this to sales entry instead, and from the sales entry they can choose which entries are ready for payment and just add the following information

Commented [RK26]: Can be manually entered

Commented [RK27]: Can be manually changed

XIV. Payables Entry

The Payables collection shall have the following fields in each entry:

1. Type (Shipping Charges/Tolling, Advances/Overpayment to supplier, Payables payment/apply advances, other checks issued)
2. If type is shipping charges/tolling:
 - a. Date
 - b. Supplier (referenced from supplier collection)
 - c. Document #
 - d. Amount
 - e. Remark
3. If type is advances/overpayment to supplier:

- a. Date paid
- b. Supplier
- c. Check Bank
- d. Branch
- e. Check #
- f. Check Date
- g. Check Amount
- h. Unapplied Balance

4. If type is Payables payment/apply advances:

- a. Date
- b. Supplier
- c. Each entry shall have one or more (what to pay) sub-entries with the following fields in each subentry:
 - i. #
 - ii. Transaction Type
 - iii. D.O.# or Adv #
 - iv. D.O. Date
 - v. Item
 - vi. Qty
 - vii. Price
- d. Total amount to pay
- e. Each entry shall have one or more (actual payment check entry)sub-entries with the following fields in each subentry:
 - i. #
 - ii. Bank
 - iii. Branch
 - iv. Check #
 - v. Check Date
 - vi. Amount
- f. Total amount of payment (checks)

5. If type is other checks issued

- a. Date paid
- b. Supplier
- c. Check Bank
- d. Branch
- e. Check No.
- f. Check Date
- g. Check Amount

XV. Main Functions/Summary

- 1. Purchases entry
 - a. Quedan Purchase entry
 - i. Quedan Surrender entry
 - b. Direct Purchases entry
 - c. Bill of Lading and Vans entry
- 2. Stock Transfer (maybe this can be the main inventory view and can transfer stocks from there)
 - a. Date

- b. From
 - i. Product
 - ii. R=Ref, V=Van, D=Damage
 - iii. Ref #
 - iv. Qty
 - c. To
 - i. Product
 - ii. R=Ref, V=Van, D=Damage
 - iii. Ref #
 - iv. Qty
 - d. Remarks
3. Sales entry
- a. Purchase order entry
 - b. Sales entry
 - c. Receivables entry
4. Payables entry
- 5. Reports**
- a. Product Quantity on-hand (inventory view?)
 - b. Customer receivables (receivables view, filter: customer)
 - c. Supplier payables (payables view, filter: supplier)
 - d. Bill of Lading Sales (bill of lading view)
 - e. Direct Purchase Sales (direct purchase view)
 - f. Damaged Vans (included in inventory view?)