

CRUD Table

Because of the iterative state of development that we are currently in, the CRUD table does not accurately reflect the system state without first updating the SRS and renaming/creating/creating/removing requirements. Initial form design is shown in figures following the matrix and can be compared by name to cell entries.

Requirement or DFD Process	CREATE	READ	UPDATE	DELETE
2.2.1.1 Change Number Sequence	N/A Still under construction	N/A Still under construction	N/A Still under construction	N/A Still under construction
2.2.1.2 Select Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.1.3 Vendor Address Auto Fill	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.1.4 ShipTo Address Auto Fill	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.5 Date Auto Fill	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.6 Designation For Purpose	Purchase Orders Designation	Purchase Orders Designation	Purchase Orders Designation	Purchase Orders Designation
2.2.1.7 Add Line Item	Line Items Transaction	Line Items Transaction	Line Items Transaction	Line Items Transaction
2.2.1.8 Query Line Item	Line Items Transaction	Line Items Transaction	Line Items Transaction	Line Items Transaction
2.2.1.9 Field Validation	[Field Validation has been built into data schema]	[Field Validation has been built into data schema]	[Field Validation has been built into data schema]	[Field Validation has been built into data schema]
2.2.1.10 Delete Line Item	Line Items Transaction	Line Items Transaction	Line Items Transaction	Line Items Transaction
2.2.1.11 Edit Purchase Order	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders

2.2.1.12 Void Purchase Order	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.13 Type of Sale Designation	Purchase Orders Designation	Purchase Orders Designation	Purchase Orders Designation	Purchase Orders Designation
2.2.1.14 Cost Center Designation	Purchase Orders Cost Centers	Purchase Orders Cost Centers	Purchase Orders Cost Centers	Purchase Orders Cost Centers
2.2.1.15 Purchasing Agent Designation	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent
2.2.1.16 Purchasing Agent Authorization	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent
2.2.1.17 Purchase Order Received Invoice	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.18 Purchase Order Mark Complete	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.19 Create Purchase Order	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.20 Query Complete Purchase Order	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.21 Query Outstanding Purchase Order	Purchase Orders	Purchase Orders	Purchase Orders	Purchase Orders
2.2.1.22 Query Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.1.23 Add Purchasing Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent
2.2.1.24 Delete Purchasing Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent	Purchase Orders Purchasing-Agent

2.2.1.25 Reports	N/A Still under construction	N/A Still under construction	N/A Still under construction	N/A Still under construction
2.2.2.1 Add New Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.2.2 Edit Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.2.3 Delete Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.2.4 Query Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor	Purchase Orders Vendor
2.2.3.1 Add Inventory Item	Transactions LineItems	Transactions LineItems	Transactions LineItems	Transactions LineItems
2.2.3.2 Edit Inventory Item	Transactions LineItems	Transactions LineItems	Transactions LineItems	Transactions LineItems
2.2.3.3 Query Inventory Item	Transactions LineItems	Transactions LineItems	Transactions LineItems	Transactions LineItems
2.2.3.4 Delete Inventory Item	Transactions LineItems	Transactions LineItems	Transactions LineItems	Transactions LineItems

Figure 1 - Vendor

The form is still under heavy construction and is used only for prototyping purposes. This is primarily because we have deemed vendor tracking as a function that can wait until later increments.

Vendor

Vendor Information | Notes

Vendor ID:

Vendor Name:

Address:

City:

State:

Postal Code:

Country:

Contact Name:

Contact Title:

Phone Number:

Fax Number:

Record: of 1

Figure 2 – Purchase Order - New

This form is still under construction to enforce all of the business rules as well as to compute the TOTAL at the bottom of the form. The CALCULATOR button will be removed and the total will be automatically filled in when we figure out how this will be accomplished.

Purchase Orders

UPPER ALLEN FIRE DEPARTMENT
purchase order system

PO Number: Status:

Date: Invoice Number:

Your Name:

Vendor Name:

Ship To Destination:

Designation:

Type:

Cost Center:

Notes:

Line Item	Unit Price	Qty Ordered	Qty Rec'd	Designation
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Check here to VOID this PO.
THIS CANNOT BE UNDONE!

Freight Charge:
 Total:

Figure 3 – Purchase Order - Browse

This form is a duplicate of the previous form except an edit button has been added and all fields have been disabled until the EDIT button is clicked. We are still in the process of enforcing business rules on this form as well.

Purchase Orders

UPPER ALLEN FIRE DEPARTMENT
purchase order system

← → EDIT

PO Number: 000014 Status: Complete

Date: 4/3/2003 Invoice Number:

Your Name: Brian Barnes

Vendor Name: Safety League

Ship To Destination: Upper Allen Fire Department

Designation: Operations

Type: Cash

Cost Center: Testing Cost Center 1

Notes: Testing the notes.

Line Item	Unit Price	Qty Ordered	Qty Rec'd	Designation
Line Item 1	\$5.00	533	545	Fire Department
Line Item 2	\$69.00	100	25	Relief
Line Item 3	\$33.00	2	1	Township
*				

Check here to VOID this PO. **THIS CANNOT BE UNDONE!**

CALCULATOR Freight Charge: \$4.00

Total: \$5.00

Figure 4 – Transaction

This is the sub-form in the purchase order form that allows the user to enter as many line items as is necessary to complete the purchase order.

Transaction

Line Item	Unit Price	Qty Ordered	Qty Rec'd	Designation
Line Item 1	\$5.00	533	545	Fire Department
Line Item 2	\$69.00	100	25	Relief
Line Item 3	\$33.00	2	1	Township
Line Item 2				