



“it’s your life. wear it.”

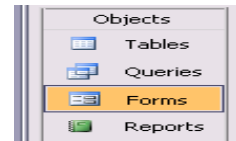
the universe knows, inc.
Inventory System
User’s Manual

Table of Contents

TABLE OF CONTENTS	ii
I. GETTING STARTED	1
A. BEGINNING INVENTORY	1
B. ENTERING NEW CUSTOMER	3
C. ENTERING NEW VENDOR.....	4
II. DAY-TO-DAY BUSINESS CYCLES.....	5
A. ENTERING CUSTOMER ORDER FOR EXISTING CUSTOMER	5
B. ENTERING VENDOR ORDER FOR EXISTING VENDOR.....	6
C. ENTERING VENDOR RECEIPT FOR RECEIVED ORDERS.....	7
III. SPECIAL TASKS	8
A. UPDATING PHYSICAL INVENTORY.....	8
IV. TABLES.....	11
A. CODE_STYLE	11
B. INV_COUNTS	12
C. INVENTORY HISTORY	13
D. CUSTOMERS	14
E. CUSTOMER ORDERS.....	14
F. CUST ORD LINE ITEMS	15
G. VENDORS.....	16
H. VENDOR ORDERS.....	16
I. VEND ORD LINE ITEM	17
V. QUERIES OF INTEREST	18
A. INVENTORY: ALL EXPECTED ON HAND QUANTITIES	18
B. INVENTORY: POSITIVE EXPECTED ON-HAND QUANTITIES	18
C. INVENTORY: CURRENT SINCE LAST PI.....	18
D. DELETE ANCIENT PI HISTORY	18
E. HISTORY BOX UPDATE_CUSTOMER.....	18
F. HISTORY BOX UPDATE_VENDOR.....	18
G. PI DATE CHANGE.....	19
H. PI INVENTORY HISTORY	19
I. OTHERS	19
i. Total All Inventory Data	19
ii. Total Customer Order Information	19
iii. Current Customer Line Items	19
iv. Total Vendor Order Information	19
v. Current Vendor Order Line Item	19
VI. FORMS	20
A. INVENTORY CONTROL CENTER.....	20
i. Inv_Counts Subform.....	20
B. CUSTOMER ORDER INFORMATION.....	21
i. Customer Order Subform	21
ii. Cust Ord Line Item Subform.....	21

C. VENDOR ORDER INFORMATION	22
i. Vendor Orders Subform	22
ii. Vend Ord Line Item Subform	22
D. VENDOR RECEIPT INFORMATION	23
i. Vendor Orders Subform b	23
ii. Vend Ord Line Item Subform b	23
VII. REPORTS	24
A. ALL EXPECTED INVENTORY ON HAND	24
B. POSITIVE EXPECTED INVENTORY ON-HAND	25
I.	

This manual includes descriptions of various tools including tables, queries, forms, and reports. To find the appropriate screens described below, use the **Objects** menu found to the left of the opening menu. For instance, to get to the **Inventory Control Center** form, click on the **Forms** tab in the **Objects** menu.



I. Getting Started

This database is an empty canvas waiting to be filled with color. There are fields that need to be filled in order to begin business. The main fields are, of course, inventory quantities. Second, customers and vendors are added. Then let the business begin.

a. Beginning Inventory

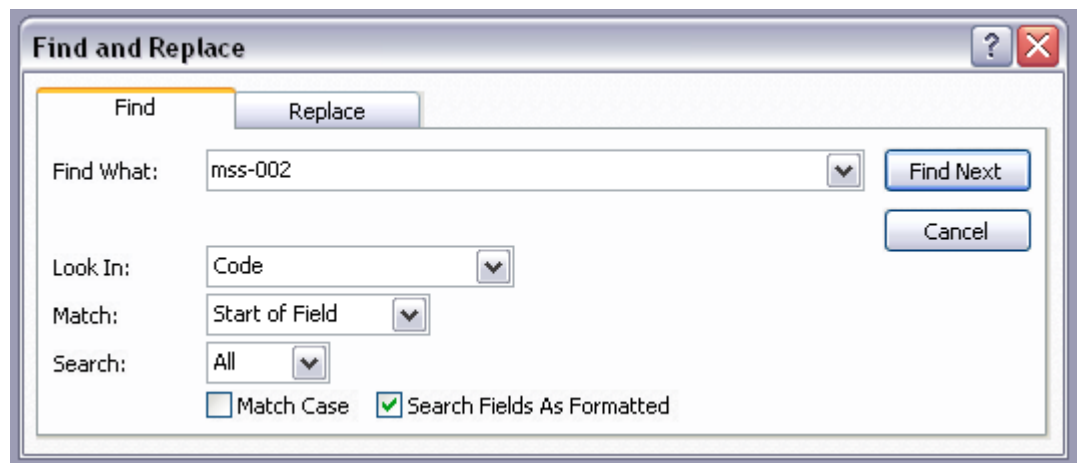
- i. Open the **Inventory Control Center** form.
- ii. Click the **Update Physical Inventory** button.

Code	Inv_Sku	Size	Qty	Surcharge	PI Date
mls-001	mls-001-lrg	large	0	\$0.00	11/21/2007
mls-001	mls-001-med	medium	0	\$0.00	11/21/2007
mls-001	mls-001-sma	small	0	\$0.00	11/21/2007
mls-001	mls-001-xlg	x-large	0	\$0.00	11/21/2007
mls-001	mls-001-xxl	xx-large	0	\$2.00	11/21/2007

For this **first** run on physical inventory, follow these instructions. For following physical inventories, follow the instructions in part III (p. 8)

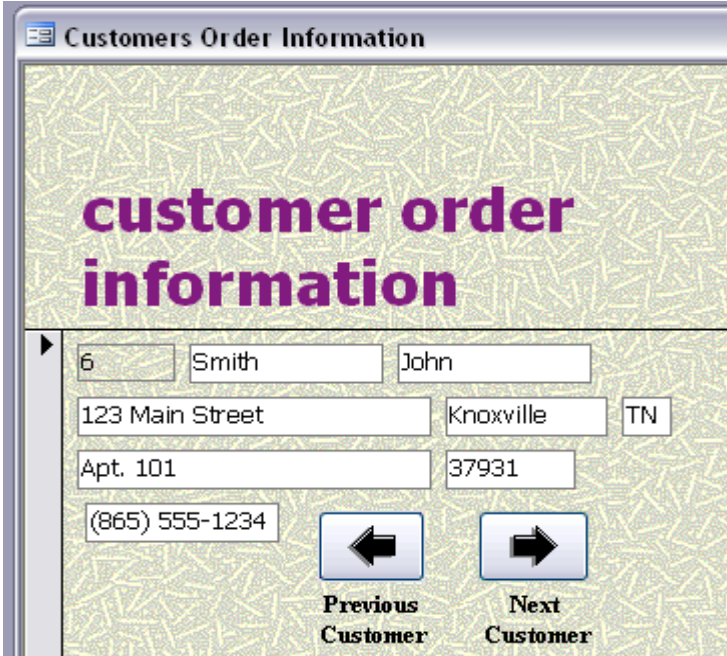
- iii. Click **no** to the append query.
- iv. Click **no** to the delete query.
- v. Click **YES** to the update query. The next screen is to ensure that you meant to press yes. Click **YES** a second time.

- vi. Click **no** to the update query.
- vii. Click **no** to the update query.
- viii. Close the two reports—**Expected Inventory On Hand** and **Positive Expected Inventory On-Hand**.
- ix. The **PI Date** should have changed to today's date.
- x. Manually enter quantities to the inventory quantities (**Qty**). To find items easier and faster, use the search function.
 - 1. To search by Code, click on the  in the main tool bar.
 - a. Make sure that you are on the "Find" tab.
 - b. Make sure the "Look In" field says "Code" (or Pearl if you would prefer to search by the saying on the article of clothing).
 - c. Make sure that "Match" says "Start of Field" unless you want to match the entire field.
 - d. Make sure the "Search Fields as Formatted" box is checked.



- e. Click "Find Next."
- 2. Without closing the "Find and Replace" window, click in the quantities field and input the appropriate number on the **Inventory Control Center** form.
- 3. Continue searching and changing quantities (step 1 and 2) until all products are entered.
- xi. When finished, close all windows by clicking the **red X's** at the top right of the form or window.

- b. Entering New Customer
 - i. Open the **Customer Order Information** form.
 - ii. Click the  button at the very bottom of the form to add a new customer.
 - iii. Click in the first blank field at the top left-hand side of the form. This is an automatic numeral field. Simply press Enter. It will change to a number as you start typing the other information.
 - iv. Enter the customer's last name in the next blank field. Press Enter.
 - v. Enter the customer's first name in the next field. Press Enter.
 - vi. Enter the customer's mailing address in the next field. Press Enter.
 - vii. Enter any secondary mailing information about the customer in the next field. If there is none, continue on. Press Enter.
 - viii. Enter the customer's city in the next field. Press Enter.
 - ix. Enter the customer's state in the next field. Press Enter.
 - x. Enter the customer's zip code in the next field. Press Enter.
 - xi. Enter the customer's 10-digit phone number in the next field. Press Enter. No formatting is necessary; simply enter numbers.
 - xii. When finished, close window by clicking the **red X** at the top right of the form

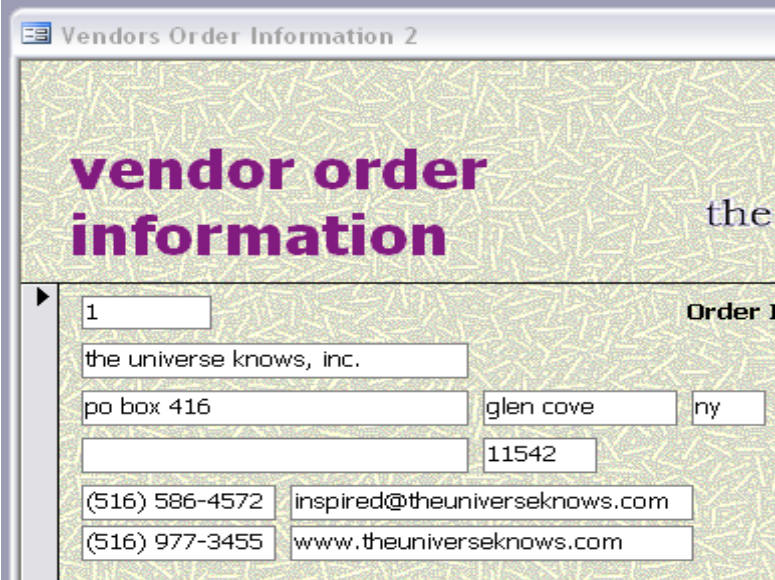


IF YOU FORGET WHAT THE FIELDS REPRESENT, LOOK AT THE LOWER LEFT PART OF THE COMPUTER SCREEN FOR HELPFUL HINTS OR SEE PAGE 21.

For example, for the "Apt. 101" field above, the helpful phrase displayed at the bottom left of the computer screen is:

Customer's Secondary Address such as Apt. #

- c. Entering New Vendor
 - i. Open the **Vendor Order Information** form.
 - ii. Click the  button at the very bottom of the form to add a new vendor.
 - iii. Click in the first blank field at the top left-hand side of the form. This is an automatic numeral field. Simply press Enter. It will change to a number as you start typing the other information.
 - iv. Enter the vendor's company name in the next field. Press Enter.
 - v. Enter the vendor's mailing address in the next field. Press Enter.
 - vi. Enter any secondary mailing information about the vendor in the next field. If there is none, continue on. Press Enter.
 - vii. Enter the vendor's city in the next field. Press Enter.
 - viii. Enter the vendor's state in the next field. Press Enter.
 - ix. Enter the vendor's zip code in the next field. Press Enter.
 - x. Enter the vendor's 10-digit phone number in the next field. Press Enter. No formatting is necessary; simply enter numbers.
 - xi. Enter the vendor's 10-digit fax number in the next field. Press Enter. No formatting is necessary; simply enter numbers.
 - xii. Enter the vendor's email address in the next field. Press Enter.
 - xiii. Enter the vendor's website in the next field. Press Enter.
 - xiv. When finished, close window by clicking the **red X** at the top right of the form.



IF YOU FORGET WHAT THE FIELDS REPRESENT, LOOK AT THE LOWER LEFT PART OF THE COMPUTER SCREEN FOR HELPFUL HINTS OR SEE PAGE 22.

For example, for the "11542" field above, the helpful phrase displayed at the bottom left of the computer screen is:

Zip Code- either 5 digit or 9 digit is acceptable

II. Day-to-Day Business Tasks

There are three main tasks in this database necessary to perform business—filling customer orders, submitting orders to vendors, and reconciling received quantities to requested quantities from vendor's shipment. With these three tasks, you can efficiently and effectively run your business.

- a. Entering Customer Orders for Existing Customers
 - i. Open the **Customers Order Information** form.
 - ii. For the corresponding customer, click in the **Order ID** field found to the right of the "Orders." This is an automatic numeral field. Simply press Enter. It will change to a number as you start typing the other information.
 - iii. Enter the order date in mm/dd/yy format.

Order ID	Date
8	11/14/2007

Record: 1 of 2

- iv. Click the pull-down button in the **Order Items** sub-form and begin to type the **Inv_Sku** for the appropriate item. Once you find what you are looking for, click on it and the rest of the information should automatically enter.

Inv_Sku	Qty Ordered
ws	
wss-001-lrg	
wss-001-med	
wss-001-sma	
wss-001-xlg	
wss-001-xsm	
wss-002-lrg	
wss-002-med	
wss-002-sma	

Record: 1

- v. Press Enter and fill in the **Quantity Ordered** by the customer.
- vi. Continue entering the items for the current order until all have been entered with quantities.
- vii. If necessary, click the printer button at the top of the form to print.
- viii. When finished, close the window by clicking the **red X** at the top right of the form.

IF YOU FORGET WHAT THE FIELDS REPRESENT, LOOK AT THE LOWER LEFT PART OF THE COMPUTER SCREEN FOR HELPFUL HINTS OR SEE PAGE 21.

- b. Entering Vendor Orders for Existing Vendor
 - i. Open the **Vendor Order Information** form
 - ii. For the corresponding vendor, click in the **Order ID** field found to the right of the "Order ID." This is an automatic numeral field. Simply press Enter. It will change to a number as you start typing the other information.
 - iii. Enter the order date in mm/dd/yy format.

The screenshot shows a form titled "Vendor Order Information". It has two main input fields: "Order ID" and "Date". The "Order ID" field contains the number "5". The "Date" field contains "11/12/2007". Below these fields is a "Record:" label followed by navigation buttons (back, forward, first, last) and the text "1 of 2".

- iv. Click the pull-down button in the **Order Items** sub-form and begin to type the **Inv_Sku** for the appropriate item. Once you find what you are looking for, click on it and the rest of the information should automatically enter.

The screenshot shows a sub-form titled "Order Items". It contains a table with three columns: "Inv_Sku", "Pearl", and "Color". The first row shows "whd-002-xsm", "let abundance flow.", and "astral purple". Below this is a search bar with "ws" entered. A list of items is shown below the search bar, including "wss-001-lrg", "wss-001-med", "wss-001-sma", "wss-001-xlg", "wss-001-xsm", "wss-002-lrg", "wss-002-med", and "wss-002-sma". Each item has corresponding "Pearl" and "Color" values. A pull-down arrow is visible next to the "wss-001-lrg" item.

- v. Press Enter until **Qty Request** field is found and fill in the quantity you want to request from the vendor.
- vi. Continue entering the items for the current order until all have been entered with quantities.
- vii. If necessary, click the printer button at the top of the form to print.
- viii. When finished, close the window by clicking the **red X** at the top right of the form.

IF YOU FORGET WHAT THE FIELDS REPRESENT, LOOK AT THE LOWER LEFT PART OF THE COMPUTER SCREEN FOR HELPFUL HINTS OR SEE PAGE 22.

- c. Entering Vendor Receipt for Received Orders
 - i. Open **Vendor Receipt Information** form.
 - ii. Verify **Vendor ID** number and company name.
 - iii. Click the appropriate **Vendor Order ID**. With the correct order ID selected, the corresponding order items should appear.

Order ID	Vendor Order ID	Date
▶	5	11/12/2007
	6	11/15/2007
*	(AutoNumber)	

Record: 1 of 2

- iv. Verify order items and fill in the **Qty Received** field with the number received in the shipped order. This number may be different than the **Qty Requested**, but in best cases, it will match.
- v. Press Enter and fill in the **Received Date** with the appropriate receipt date in mm/dd/yy format.

Order Items	Inv_Sku	Pearl	Color	Qty Requested	Qty Received	Received Date
	mls-006-lrg	stand in integrity.	mineral grey	1	1	11/14/2007
	mss-011-sma	visualize the outcom	warm berry	4	4	11/14/2007
	wtt-007-sma	answer your calling.	shale grey	5	5	11/14/2007

- vi. Continue through all the items in the order until they are all reconciled.
- vii. When finished, close the window by clicking the **red X** at the top right of the form.

IF YOU FORGET WHAT THE FIELDS REPRESENT, LOOK AT THE LOWER LEFT PART OF THE COMPUTER SCREEN FOR HELPFUL HINTS OR SEE PAGE 23.

III. Special Tasks

There is one task that should be performed at least once every year—physical inventory. As the business grows, performing a physical inventory more often may prove necessary. Fortunately, besides completing a physical count of inventory on-hand, the process is generally automatic.

- a. Physical Inventory
 - i. Open the **Inventory Control Center** form
 - ii. Before changing any quantity data, Click the **Update Physical Inventory** button.

Inventory Control Center

inventory control

the universe knows, inc.
awaken your passion.

Code: mls-001
 Pearl: know in stillness.
 Color: brick red
 Cost: \$14.00

Last Item Next Item

Update Physical Inventory

Inventory Counts	Code	Inv_Sku	Size	Qty	Surcharge	PI Date
▶	mls-001	mls-001-lrg	large	0	\$0.00	11/21/2007
	mls-001	mls-001-med	medium	0	\$0.00	11/21/2007
	mls-001	mls-001-sma	small	0	\$0.00	11/21/2007
	mls-001	mls-001-xlg	x-large	0	\$0.00	11/21/2007
	mls-001	mls-001-xxl	xx-large	0	\$2.00	11/21/2007

Record: 1 of 120

- iii. Click **yes** to the **append** query—which copies and adds inventory data to the **History** table for future reference, if needed (see page 18). The next screen is to ensure that you meant to press yes. Click **YES** a second time.
- iv. Click **yes** to the **delete** query—which deletes any data over 1500 days out of the **History** table (see page 18). The next screen is to ensure that you meant to press yes. Click **YES** a second time.
- v. Click **yes** to the **update** query—which updates the PI date in the **Inventory Control Center** Form (see page 18). The next screen is to ensure that you meant to press yes. Click **YES** a second time.
- vi. Click **yes** to the **update** query—which updates the history box in the **Cust Ord Line Item** table, allowing an accurate expected inventory count (see page 19). The next screen is to ensure that you meant to press yes. Click **YES** a second time.

- vii. Click **yes** to the **update** query—which updates the history box in the **Vend Ord Line Item** table, allowing an accurate expected inventory count (see page 19). The next screen is to ensure that you meant to press yes. Click **YES** a second time.
- viii. Print *one* of the two forms—**Expected Inventory On Hand** or **Positive Expected Inventory On-Hand** to perform physical inventory.

This form will be used more often as the business grows.

This form will be used more often while the business is small.

Expected Inventory On-Hand PI Date: 11/21/2007

Inv_Sku	Pearl	Color	Expected Inventory	Actual Inventory
mb-003-kg	know in silence.	brick red	0	
mb-003-med	know in silence.	brick red	0	
mb-003-sm	know in silence.	brick red	0	
mb-003-ulg	know in silence.	brick red	0	
mb-003-ut	know in silence.	brick red	0	
mb-002-kg	play your symphony.	right blue	0	
mb-002-med	play your symphony.	right blue	0	
mb-002-sm	play your symphony.	right blue	0	
mb-002-ulg	play your symphony.	right blue	0	
mb-002-ut	play your symphony.	right blue	0	
mb-003-kg	breathe in life.	peach green	0	
mb-003-med	breathe in life.	peach green	0	
mb-003-sm	breathe in life.	peach green	0	
mb-003-ulg	breathe in life.	peach green	0	
mb-003-ut	breathe in life.	peach green	0	
mb-004-kg	bring in balance.	marigold brown	0	

Monday, November 26, 2007 Page 1 of 27

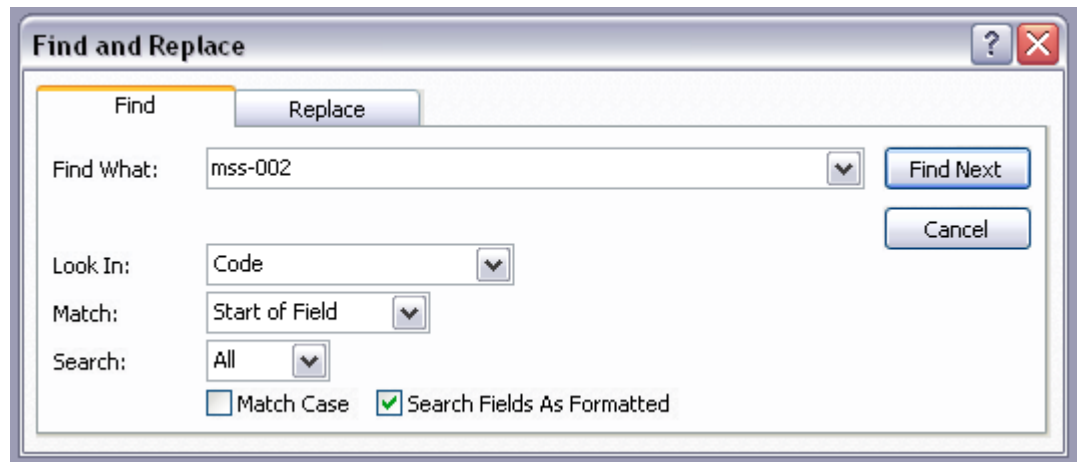
Positive Expected Inventory On-Hand PI Date: 11/21/2007

Inv_Sku	Pearl	Color	Expected Inventory	Actual Inventory
mb-006-kg	stand in courage.	metal grey	2	
mb-005-ut	show the miracle.	clay tan	0	
mb-011-sm	visualize the outcome.	warm ivory	5	
glideap-009	we're all connected.	brownish pink	3	
whol-002-sm	let abundance flow.	antique purple	5	
whol-005-ulg	paint your canvas.	pearl green	6	
ugh-001-med	believe in yourself.	black	5	
ugh-005-sm	trust the process.	leaf green	34	
wns-011-med	answer your calling.	nighttime	17	
wns-012-med	walk with confidence.	antique purple	30	
wns-012-sm	walk with confidence.	antique purple	30	
wh-007-kg	answer your calling.	chile grey	4	
wh-007-sm	answer your calling.	chile grey	6	

Monday, November 26, 2007 Page 1 of 1

- ix. Perform the physical inventory by reconciling expected inventory on-hand to actual inventory.

- x. Manually enter quantities of the inventory quantities (Qty) in the **Inventory Control Center** form. To find items easier and faster, use the search function.
 - 1. To search by **Code**, click on the  in the main tool bar.
 - a. Make sure that you are on the "Find" tab.
 - b. Make sure the "Look In" field says "Code" (or **Pearl** if you would prefer to search by the saying on the article of clothing).
 - c. Make sure that "Match" says "Start of Field" unless you want to match the entire field.
 - d. Make sure the "Search Fields as Formatted" box is checked.



- e. Click "Find Next."
- 2. Without closing the "Find and Replace" window, click the quantities and change to the appropriate number on the **Inventory Control Center** form.
- 3. Continue searching and changing quantities (step 1 and 2) until all products are entered.
- xi. When finished, close all windows by clicking the **red X's** at the top right or the form or window.

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IV. Tables

Tables are one place where the data is entered and updated. The other place where information can be maintained is Forms (p.21). There are nine different tables containing some unique information and some information that is similar in other tables. The following is a description of the tables used in the database.

a. Code_Style Table

This table contains the entire inventory of articles by code. This table does not specify size but only a general view of each product available for sale. You can scroll through the items by way of the scroll bar on the right or by clicking the right facing arrow.



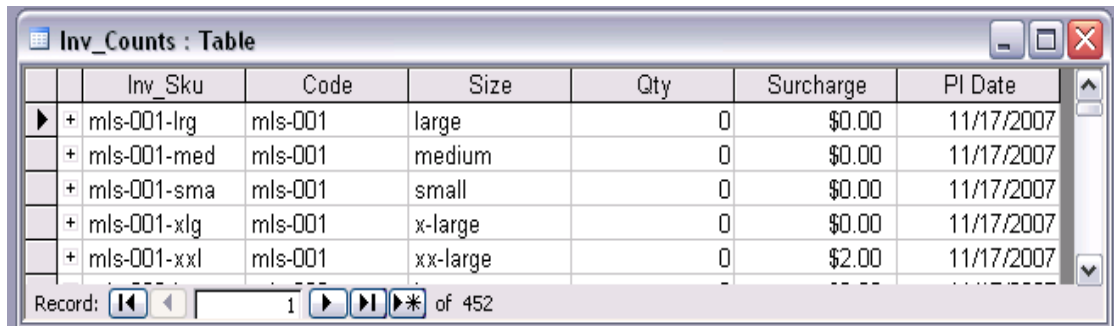
	Code	Pearl	Color	Cost
▶ +	mls-001	know in stillness.	brick red	\$14.00
+	mls-002	play your symphony.	night blue	\$14.00
+	mls-003	breathe in life.	peyote green	\$14.00
+	mls-004	bring in balance.	mesquite brown	\$14.00
+	mls-005	answer your calling.	spiced pumpkin	\$14.00
+	mls-006	stand in integrity.	mineral grey	\$14.00
+	mss-001	trust your wisdom.	brick red	\$12.00
+	mss-002	why wait? create.	pear green	\$12.00
+	mss-003	allow the miracle.	clay tan	\$12.00
+	mss-004	live your truth.	mountain blue	\$12.00

Record: 1 of 120

- i. **Code**: the semi-unique code found in the catalog as well as on the website that identifies the style of article of clothing selected.
- ii. **Pearl**: the phrase or saying embroidered on the chosen article of clothing.
- iii. **Color**: the specific color of the chosen article of clothing.
- iv. **Cost**: the dollar amount that specific article costs.

b. **Inv_Counts** Table

This table contains the specific inventory quantities of each individual article, specific to size. You can scroll through the articles by using the buttons on the lower left of the table.



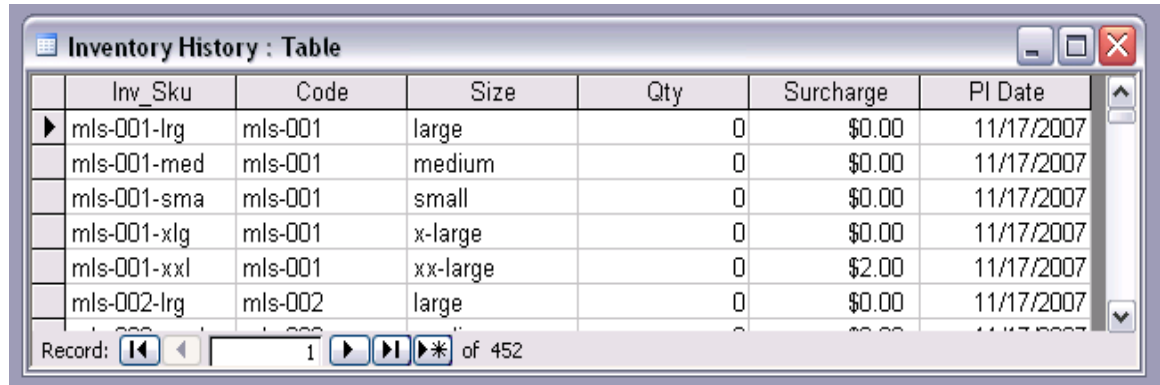
	Inv_Sku	Code	Size	Qty	Surcharge	PI Date
▶ +	mls-001-lrg	mls-001	large	0	\$0.00	11/17/2007
▶ +	mls-001-med	mls-001	medium	0	\$0.00	11/17/2007
▶ +	mls-001-sma	mls-001	small	0	\$0.00	11/17/2007
▶ +	mls-001-xlg	mls-001	x-large	0	\$0.00	11/17/2007
▶ +	mls-001-xxl	mls-001	xx-large	0	\$2.00	11/17/2007

Record: 1 of 452

- i. **Inv_Sku**: the unique nine-digit combination of numbers and letters to form the unique identifier for each style and size. For example, the medium size of mss-001 would be mss-001-med.
- ii. **Code**: the same semi-unique code found in the catalog as well as on the website that identifies the style of article of clothing selected.
- iii. **Size**: the size of article selected. The choices of selection are x-small, small, medium, large, x-large, and xx-large.
- iv. **Quantity**: the quantity from the last physical inventory performed.
- v. **Surcharge**: the \$2.00 addition to xx-large sizes.
- vi. **PI Date**: the date of the latest physical inventory performed.

c. **Inventory History** Table

This table captures historic quantitative data as the quantities change from one physical inventory to another. Though this table will likely not be used unless historical information is needed, it captures all data since the last physical inventory. You can scroll through the customers by using the buttons on the lower left of the table.



	Inv_Sku	Code	Size	Qty	Surcharge	PI Date
▶	mls-001-lrg	mls-001	large	0	\$0.00	11/17/2007
	mls-001-med	mls-001	medium	0	\$0.00	11/17/2007
	mls-001-sma	mls-001	small	0	\$0.00	11/17/2007
	mls-001-xlg	mls-001	x-large	0	\$0.00	11/17/2007
	mls-001-xxl	mls-001	xx-large	0	\$2.00	11/17/2007
	mls-002-lrg	mls-002	large	0	\$0.00	11/17/2007

Record: 1 of 452

- i. **Inv_Sku**: the same unique nine-digit combination of numbers and letters to form the unique identifier for each style and size.
- ii. **Code**: the same semi-unique code found in the catalog as well as on the website that identifies the style of article of clothing selected.
- iii. **Size**: the size of article selected.
- iv. **Quantity**: the quantity from the corresponding physical inventory.
- v. **Surcharge**: the \$2.00 addition to xx-large sizes.
- vi. **PI Date**: the date of the corresponding physical inventory performed.

d. **Customers** Table

This table contains customer information of those that may or may not have orders entered in the system. You can scroll through the customers by using the buttons on the lower left of the table.

	Customer ID	Last Name	First Name	Address	Address 2	City	State	Zip Code	Phone Number
▶ +	1	Bethmann	Megan	1410 Forest Ave	Apt 14	Knoxville	TN	37916	(865) 555-6814
+	2	Beatty	Brent	2117 Andy Holt Ave	Apt 611	Knoxville	TN	37916	(865) 555-7971
+	3	Smith	Suzy	123 Main Street		Atlanta	GA	12345	(615) 555-2554
*	(AutoNumber)							0	

Record: 1 of 3

- i. **Customer ID**: the unique auto-number used to identify a specific customer.
- ii. **Last Name**: the last name of the customer.
- iii. **First Name**: the first name of the customer.
- iv. **Address**: the mailing address of the customer.
- v. **Address 2**: any additional mailing address information of the customer.
- vi. **City**: the city the customer wants the shipment shipped to.
- vii. **State**: the state in which the shipment will be shipped—limited to a maximum of two characters (e.g., TN or GA for Tennessee or Georgia, respectively).
- viii. **Zip Code**: the mailing zip code necessary to mail the shipment—a five or nine digit number is appropriate.
- ix. **Phone Number**: the 10-digit phone number that can be used to contact the customer.

e. **Customer Orders** Table

This table shows the separate orders for each customer that may have ordered products. This table does not display the specific products included on the order. You can scroll through the orders by using the buttons on the lower left of the table.

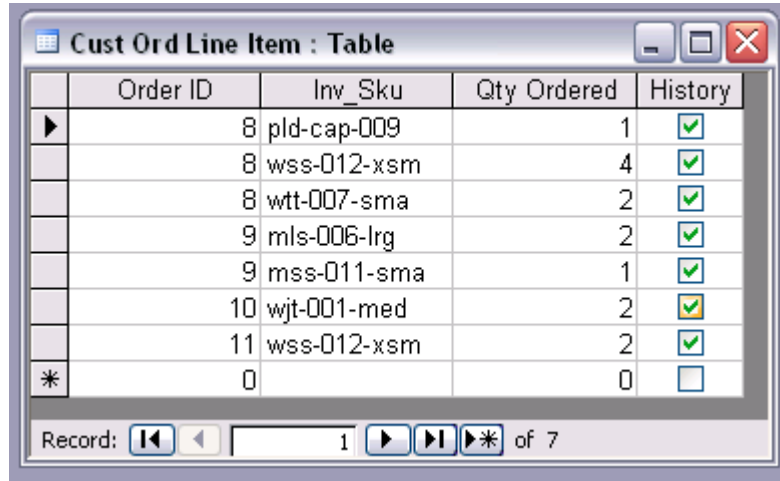
	Order ID	Date	Customer ID
▶ +	8	11/14/2007	1
+	9	11/14/2007	2
+	10	11/12/2007	3
+	11	11/17/2007	1
*	(AutoNumber)		0

Record: 1 of 4

- i. **Order ID**: the unique auto-number used to identify the specific order.
- ii. **Date**: the date the order was entered in the system.
- iii. **Customer ID**: the same unique auto-number used to identify the specific customer for a specific order.

f. **Cust Ord Line Item** Table

This table shows the individual line items in specific orders, along with corresponding quantities. You can scroll through the orders by using the buttons on the lower left of the table.



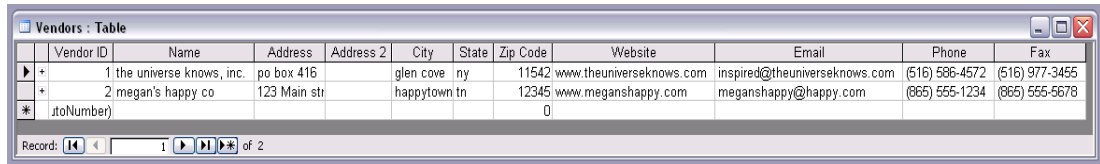
	Order ID	Inv_Sku	Qty Ordered	History
▶	8	pld-cap-009	1	☒
	8	wss-012-xsm	4	☒
	8	wtt-007-sma	2	☒
	9	mls-006-lrg	2	☒
	9	mss-011-sma	1	☒
	10	wjt-001-med	2	☒
	11	wss-012-xsm	2	☒
*	0		0	☐

Record:   1    of 7

- i. **Order ID**: the same unique auto-number used to identify the specific order from a customer.
- ii. **Inv_Sku**: the same nine-digit combination of numbers and letters to form the unique identifier for each style and size.
- iii. **Qty Ordered**: the quantity the customer ordered of the specific product.
- iv. **History**: this is a check box maintaining the accuracy of the physical inventory of all the products—with it checked, the quantities are transferred to a table that contains all historical data of the products. (see **Inventory History** Table- p.13)

g. **Vendors** Table

This table contains vendor information of those that may or may not have been ordered from. You can scroll through the vendors by using the buttons on the lower left of the table.



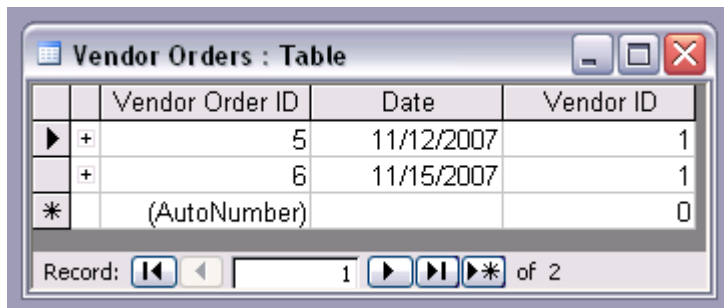
	Vendor ID	Name	Address	Address 2	City	State	Zip Code	Website	Email	Phone	Fax
▶ +	1	the universe knows, inc.	po box 416		glen cove	ny	11542	www.theuniverseknows.com	inspired@theuniverseknows.com	(516) 586-4572	(516) 977-3455
▶ +	2	megan's happy co	123 Main str		happytown tn		12345	www.meganshappy.com	meganshappy@happy.com	(865) 555-1234	(865) 555-5678
* (AutoNumber)							0				

Record: 1 of 2

- i. **Vendor ID**: the unique auto-number used to identify specific vendors.
- ii. **Name**: the company name of the vendor.
- iii. **Address**: the primary mailing address of the vendor.
- iv. **Address 2**: any additional mailing address information of the vendor.
- v. **City**: the city the vendor receives orders.
- vi. **State**: the state in which the vendor receives orders—limited to a maximum of two characters (e.g., TN or GA for Tennessee or Georgia, respectively).
- vii. **Zip Code**: the mailing zip code necessary to mail the orders—a five or nine digit number is appropriate.
- viii. **Website**: the vendor's internet website, beginning with "www" and ending with ".com" or other respective website ending.
- ix. **Email**: the vendor's email address.
- x. **Phone**: the 10-digit phone number that can be used to contact the vendor.
- xi. **Fax**: the 10-digit fax number that can be used to fax documents to the vendor.

h. **Vendor Orders** Table

This table shows the separate orders made to each vendor in order to increase quantities in stock. This table does not display the specific products included on the order. You can scroll through the orders by using the buttons on the lower left of the table.



	Vendor Order ID	Date	Vendor ID
▶ +	5	11/12/2007	1
▶ +	6	11/15/2007	1
* (AutoNumber)			0

Record: 1 of 2

- i. **Vendor Order ID**: the unique auto-number used to identify the specific order.
- ii. **Date**: the date the order was entered in the system.
- iii. **Vendor ID**: the same unique auto-number used to identify the specific vendor for a specific order

i. **Vend Ord Line Item Table**

This table shows the individual line items in specific orders to the vendor, along with corresponding quantities. You can scroll through the orders by using the buttons on the lower left of the table.

	Vendor Order ID	Inv_Sku	Qty Requested	Qty Received	Received Date	History
▶	5	mls-006-lrg	1	1	11/14/2007	☒
	5	mss-011-sma	4	4	11/14/2007	☒
	5	wtl-007-sma	5	5	11/14/2007	☒
	6	whd-002-xsm	4	4	11/15/2007	☒
*	0		0	0		☐

Record: [Navigation Buttons] 1 of 4

- i. **Vendor Order ID**: the same unique auto-number used to identify the specific order to a vendor.
- ii. **Inv_Sku**: the same nine-digit combination of numbers and letters to form the unique identifier for each style and size.
- iii. **Qty Requested**: the quantity requested from the vendor of the specific product.
- iv. **Qty Received**: the quantity received of the specific product requested.
- v. **History**: this is a check box maintaining the accuracy of the physical inventory of all the products—with it checked, the quantities are transferred to a table that contains all historical data of the products. (see **Inventory History Table**- p.13)

V. Queries of Interest

There are several different types of queries used in this database—a [select](#) query: a basic query designed to withdraw certain data from the system; an [append](#) query: a query that takes the selected data and copies and adds it to another part of the system; a [delete](#) query: a query that deletes specified data from the system; and an [update](#) query: a query that performs updates on certain data.

a. Inventory: All Expected On Hand Quantities

This [select](#) query shows the current inventory of on-hand products. Because this calculation takes purchased and sold inventory into account, it is an current, accurate count of each product. It captures the Inv_Sku, Code, Pearl, Color, PI Date, and Expected Inventory quantities.

b. Inventory: Positive Expected On-hand Quantities

This [select](#) query is similar to query (a) except it only shows the products for which there is a positive inventory, i.e., greater than zero. This query is beneficial in cutting the unnecessary data in order to view the essential, relevant information. Similarly, it also captures the Inv_Sku, Code, Pearl, Color, PI Date, and Expected Inventory quantities.

c. Inventory: Current since last PI

This [select](#) query is somewhat similar to query (b) in that it only shows positive, or greater-than-zero, inventory. However, this calculation is not up-to-date with received and sold inventory. The quantity displayed is only accurate to the last physical inventory. It shows the Inv_Sku, Pearl, Color, and Quantity.

d. PI Inventory History

This [append](#) query takes the inventory quantities and posts them into the History table before changes are made due to physical inventory. This keeps all information under 1500 days in a table for reference if necessary.

e. Delete Ancient PI History

This [delete](#) query is used to delete History table data that is over 1500 days old, approximately 5 years. This keeps the table from getting too large with irrelevant information.

f. PI Date Change

The [update](#) query automatically updates the PI date. This takes place after taking physical inventory. This eliminates the need to manually enter the date several hundred times each time physical inventory is performed.

g. History Box Update_Customer

This [update](#) query updates the history box in the Cust Ord Line Item table, keeping the expected inventory quantities up to date. Without this query and query (h), received and sold inventory would continuously be counted in the calculation of expected inventory.

h. History Box Update_Vendor

This [update](#) query is similar to query (g) except it updates the history box in the Vend Ord Line Item table. It works with query (g) in keeping the expected inventory quantities up to date. Without this combination of queries, the received and sold inventory would continuously be counted in the expected inventory calculation.

i. Others

There are other queries used to create forms (Section VI, page 21). These queries include the following:

- Total All Inventory Data;
- Total Customer Order Information;
- Current Customer Line Items;
- Total Vendor Order Information; and
- Current Vendor Order Line Item.

These queries will rarely have to be run, if ever.

VI. Forms

Forms are the user-friendly way to add or update information in the database. The other way to maintain information is by tables (p. 11). The instructions below describe the process of viewing and changing data in the system through the forms. There are four main forms used to manage the inventory system. Each form has one or two sub-forms. Each sub-form is a component of the main form and will be described as such. The grayed-out areas are fixed and unable to be changed. The areas with white backgrounds are the fields that can be updated or changed.

- a. Inventory Control Center
 - i. Inv_Counts Subform

Inventory Control Center

inventory control
the universe knows, inc.
awaken your passion.

Code: mls-001
 Pearl: know in stillness.
 Color: brick red
 Cost: \$14.00

Last Item Next Item Update Physical Inventory

Code	Inv_Sku	Size	Qty	Surcharge	PI Date
mls-001	mls-001-lrg	large	0	\$0.00	11/21/2007
mls-001	mls-001-med	medium	0	\$0.00	11/21/2007
mls-001	mls-001-sma	small	0	\$0.00	11/21/2007
mls-001	mls-001-xlg	x-large	0	\$0.00	11/21/2007
mls-001	mls-001-xxl	xx-large	0	\$2.00	11/21/2007

Record: 1 of 120

This form is where physical inventory is updated but not changed. (A program update is necessary to allow inventory additions.) The left and right arrows at the top of the form or the arrows at the bottom of the form can be used to scroll through the items. The "Update Physical Inventory" button runs queries that appends data, deletes the appropriate data, and updates the appropriate fields discussed by queries (d) through (h) (p.19). The PI Date field should never have to be changed as it is automatically updated by query (f) (p. 19).

b. Customer Order Information

- i. Customer Order Subform
- ii. Cust Ord Line Item Subform

customer order information

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1 Bethmann Megan
1410 Forest Ave Knoxville TN
Apt 14 37916
(865) 555-6814

Previous Customer Next Customer

Orders

Order ID	Date
8	11/14/2007

Record: 1 of 2

Click an order...
...to view details.

Order Items

Inv_Sku	Qty Ordered	Size	Pearl	Color	Cost	Surcharge	SubTotal
wtt-007-sma	2	small	answer your calling.	shale grey	\$14.00	\$0.00	\$28.00
wss-012-xsm	4	x-small	walk with confidence.	astral purple	\$12.00	\$0.00	\$48.00
pld-cap-009	1	one size	we're all connected.	brown w/ pink	\$10.00	\$0.00	\$10.00

Total: \$86.00

Record: 1 of 3

This form is where customers' orders are entered and new customers' information is added. The information can be scrolled through by use of the arrows. For the "Orders" on the upper right of the form corresponds to the arrows right above the phrase "Click an order..." The "Order Items" correspond to the set of arrows right above the bottom set. The "Customers" correspond to the lowest set of arrows or the buttons right below the customer information at the top of the form. To add a new customer, click the arrow with the star that is on the lowest part of the form. The "printer" button on the top right can be used to print the form.

- c. Vendor Order Information
 - i. Vendor Orders Subform
 - ii. Vend Ord Line Items Subform

Vendors Order Information 2

vendor order information

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1

the universe knows, inc.

po box 416 glen cove ny

11542

(516) 586-4572 inspired@theuniverseknows.com

(516) 977-3455 www.theuniverseknows.com

Order ID

Order ID Date

5 11/12/2007

Record: 1 of 2

[Click an order...](#)

[...to view details.](#)

Order Items

Inv_Sku	Pearl	Color	Size	Qty Request	Cost	Surcharge	SubTotal
wtt-007-sma	answer your calling.	shale grey	small	5	\$14.00	\$0.00	\$70.00
mss-011-sma	visualize the outcome.	warm berry	small	4	\$12.00	\$0.00	\$48.00
mls-006-lrg	stand in integrity.	mineral grey	large	1	\$14.00	\$0.00	\$14.00
Total:							\$132.00

Record: 1 of 3

Record: 1 of 2

This form is where vendor orders are entered in order to receive more merchandise. Similarly to the Customer Order Information, the arrows corresponding to "Order ID" are the ones right above the phrase "Click an order..." The "Order Items" correspond to the set of arrows right above the bottom set of arrows. The "Vendor" information corresponds to the lowest set of arrows. To add a new vendor, click the arrow with the star that is on the lowest part of the form. The "printer" button on the top right can be used to print the form.

- d. Vendors Receipt Information
 - i. Vendor Orders Subform b
 - ii. Vend Ord Line Items Subform b

Vendors Receipt Information

vendor order receipt information

the universe knows, inc.
awaken your passion.

ID: 1 Order ID: the universe knows, inc.

Click an order...

...to view receipt details.

Vendor Order ID	Date
5	11/12/2007
6	11/15/2007
(AutoNumber)	

Record: 1 of 2

Order Items	Inv_Sku	Pearl	Color	Qty Requested	Qty Received	Received Date
	mls-006-lrg	stand in integrity.	mineral grey	1	1	11/14/2007
	mss-011-sma	visualize the outcom	warm berry	4	4	11/14/2007
	wtt-007-sma	answer your calling.	shale grey	5	5	11/14/2007

Record: 4 of 4

Record: 1 of 2

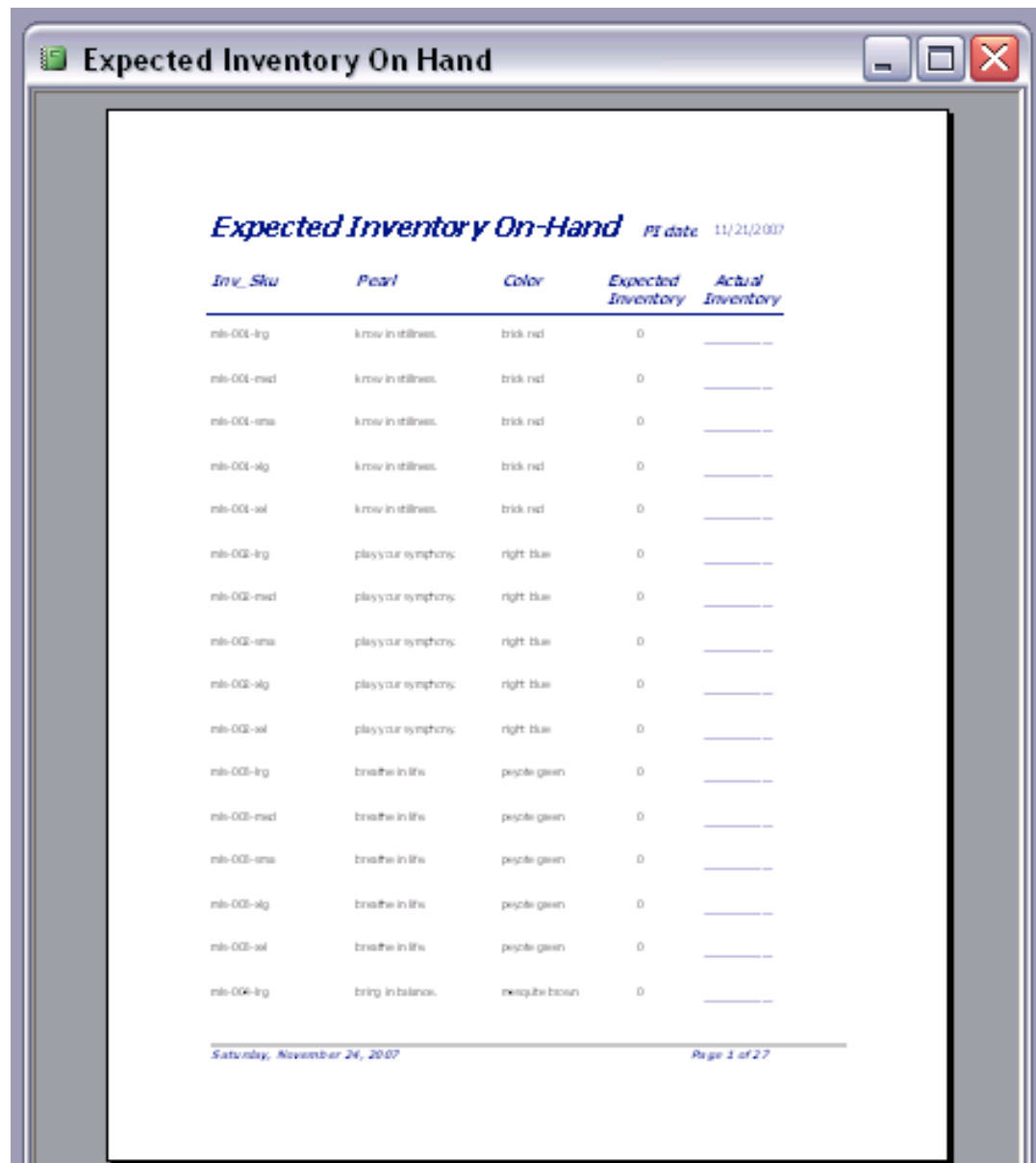
This form is where receipt of inventory is recorded. This will capture discrepancies between quantity requested and quantity received. The arrows for "Order ID" are to the right of the phrase "...to view receipt details." Similar to the "Vendor Order Information" form, "Order Items" correspond to the arrows right above the bottom set. The Vendor ID and Company name on the upper left of the form corresponds to the lowest set of arrows of the form. There are two fields that are changeable: the Qty Received, which, in best cases, should match the Qty Requested; and Received Date, which is entered in mm/dd/yy format.

VII. Reports

The two reports in this database are printer-friendly layouts ready to be printed for the convenience of performing physical inventory.

a. All Expected Inventory On Hand

This report—approximately 27 pages—contains all of the products and quantities contained in the database. This results in many zero quantities as the business is in the start-up phase but may prove necessary as the business grows.



<i>Expected Inventory On-Hand</i> Pt date 11/21/2007				
<i>Inv_Sku</i>	<i>Pearl</i>	<i>Color</i>	<i>Expected Inventory</i>	<i>Actual Inventory</i>
mle-001-1rg	know in stillness.	brick red	0	_____
mle-001-med	know in stillness.	brick red	0	_____
mle-001-sma	know in stillness.	brick red	0	_____
mle-001-olg	know in stillness.	brick red	0	_____
mle-001-ol	know in stillness.	brick red	0	_____
mle-002-1rg	play your symphony.	right blue	0	_____
mle-002-med	play your symphony.	right blue	0	_____
mle-002-sma	play your symphony.	right blue	0	_____
mle-002-olg	play your symphony.	right blue	0	_____
mle-002-ol	play your symphony.	right blue	0	_____
mle-003-1rg	breathe in life.	peppercorn	0	_____
mle-003-med	breathe in life.	peppercorn	0	_____
mle-003-sma	breathe in life.	peppercorn	0	_____
mle-003-olg	breathe in life.	peppercorn	0	_____
mle-003-ol	breathe in life.	peppercorn	0	_____
mle-004-1rg	bring in balance.	resolute brown	0	_____

Saturday, November 24, 2007 Page 1 of 27

b. Positive Expected Inventory On-Hand

This report—approximately one or two pages—displays only the products for which there is a positive inventory, i.e., at least one. This is helpful in cutting out unnecessary information, especially as the business is relatively small.

Positive Expected Inventory On-hand				
<i>Positive Expected Inventory On-Hand</i>				<i>PI Date</i> 11/21/2007
<i>Inv_Sku</i>	<i>Pearl</i>	<i>Color</i>	<i>Expected Inventory</i>	<i>Actual Inventory</i>
m0-006-1rg	stand in integrity.	mineral grey	2	_____
m0-008-ool	allow the minute.	daytan	13	_____
m0-011-ena	visualize the outcome	warm berry	5	_____
pld-cup-009	we're all connected.	brown w/ pink	3	_____
wtl-003-zen	let abundance flow.	astral purple	5	_____
wtl-005-olg	paint your canvas.	pear green	6	_____
uip-001-mad	believe in yourself.	black	5	_____
uip-005-zen	trust the process.	leaf green	34	_____
zen-013-mad	answer your call ing.	night blue	17	_____
zen-013-mad	walk with confidence.	astral purple	20	_____
zen-013-zen	walk with confidence.	astral purple	10	_____
wtl-007-1rg	answer your call ing.	shale grey	4	_____
wtl-007-ena	answer your call ing.	shale grey	6	_____

Saturday, November 24, 2007

Page 1 of 1