

# NEAR EAST UNIVERSITY

# FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES

# DEPARTMENT OF COMPUTER INFORMATION SYSTEMS

## 2004/2005 SPRING TERM CIS 400 (Graduation Project)

## "PHARMACY" WHOLE SALER BUSINESS MANAGEMENT SYSTEM

Access 2002 & Visual Basic

Submitted to : Department of C.I.S. Submitted by: Ahmad Mohammad Bataineh Student No. : 20000510

> Lefkosa, 2005





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## **ACKNOWLEDGEMENTS**

First of all I say thanks to my Almighty God who gave me abilities and helped me do anything that was possible by me.

Second of all I want to say thanks to my parents who helped me and supported me all of this years which I spent in Cyprus and walk with me step by step till I reached this moment and I will never ever forget that and what they did for me in my school years till this time, actually there is no enough word to say to them but at least thank you very much Mom and Dad you always learning me that (I cant stop before pass) and that mint too much to me. My brother Marwan and all of my sisters who never forgot me in my study years and always try to help me.

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And I will not forget my friends here who always motivated me when ever I got disappointed in any point while making this program, Of course all of my friends in Jordan who always was with me.

### ABSTRACT

This program is specific application software only suitable for a medicine distributor company that distributes its stock medicine to different pharmacies in a city or area. The company buys its stock from the manufacturers and then sells to the pharmacies. Its keeps the accounting records both for vendors (manufacturers) and pharmacies.

I divided the system into seven (7) main processes according to the requirements of the system and better user interface and friendly environment.

My solution to the problem I guess is quite understandable as I divided the system into main seven processes, such as registration, replenishment, manual stock edit, supply, reports and accounts.

Each of the section I designed is easy to understand and learn fast. There are no menus used but command buttons were preferred instead so all is in front of the user for quick access.

I added user messages as well for the correspondence with the program so user may understand a bit the inside logic of the program how his process is handled.

I hope this software will help the pharmacy whole seller management business manager keep close eye on his business accounts, his vendors and pharmacies accounts, his customers activities using the IRS (Information Reporting System)I designed for the purpose.

Incase of any good suggestion I will be very happy to hear that from anyone please do not hesitate to let me know about such opinions.

## "PHARMACY" WHOLE SALER BUSINESS MANAGEMENT SYSTEM

## Introduction:

Medicine is becoming an essential part in our daily life. Once when human didn't develop in medical sciences too much it was not considered a lot. But with the civilization of human beings this field grew up with the time as well. Almost each sector of any city contains too many medical shops to provide medications and some other services to the needed people. Because of the increasing population of the world more and more medication is required in a particular area. The businesses working in this sector became a wide spread business now and it is becoming more and more difficult to handle all the activities of the business manually without a computer. I have chosen to design a computer program that handles the records of all the items, products, medicines and their manufacturers, accounts and the customer tracks along with their accounts as well of a whole seller in a pharmacy business. Below I will explain how the business works manually, later is my solution how to convert this into a computerized system where all the information will be saved in a database for future and quick retrieving.

The company has contracts with one or many drugs manufacturers who provide them different kind of medicines to be supplied to the pharmacies time to time when required. Thus it keeps the records of all the manufacturers it is dealing with and the medicines it is taking from to provide to pharmacies. It also keeps the files of the accounting information of its manufacturer companies. Once the products are stored in the stock they are ready to supply to the customers, which in this case are the different pharmacies in the city.

Our company after receiving the order from any pharmacy provides the desired products with a receipt of the supply. Just like it keeps the information about the manufacturers our company also keeps the records of the clients (pharmacies), their general information like location, telephone numbers or addresses as well as the supply made to them, the date of the supply, products that were sent and their accounting information. Mostly supply is made in credits. The pharmacies then pay time to time their debts. They may buy the medicines in cash with receiving some sort of bonuses as well.

Now as I mentioned above with the increasing rate of human population growth it is becoming very difficult to keep eye on all of the activities of such a business closely and accurately. Managers must have information before hand before deciding anything for the benefit of the business. So computers come into the job to help managers have bottle neck analysis of all the business activities so they can take another step into a more advanced level. Or same information can be used to find out the mistakes or flaw in the business. As medicines get expired in a specific time so it is considered it should be manufactured in limited amount as much as required by a certain area otherwise it will be just lost of time, human labor and money.

I designed a computer based database system that will hope help such managers to keep records of all their products, clients and vendors as well as other activities of the business such as supply, demand, accounts. The Information Reporting System is very important as good reports will guide to take a good decision.

### Solution:

For such a business a computer based system the program must have the utilities

- for
  - 1. Date entry of all the manufacturers
  - 2. Data entry of all the products from the manufacturers
  - 3. Data entry of all the clients (Pharmacies)
  - 4. Edit/Update their specifications
  - 5. Search for any manufacturer, product or client
  - 6. Orders for products to the manufacturers and replenishment process
  - 7. Supply process to the clients (pharmacies)
  - 8. Proper IRS (Information Reporting System) based on the data collected by the above mentioned processes
  - 9. Computerized accounting system showing details of profit and loss as well as clients, manufactures and business accounts

Keeping in mind the above nine (9) facilities I divided the whole system into seven (7) main processes.

- 1. Registration
- 2. Replenishments
- 3. Stock
- 4. Supply
- 5. Return
- 6. Accounts
- 7. Reports

In the preceding lines each of the above main process is explained in detail.

## **1. Registration:**

This is our first main process in which we enter for the first time the information of our clients (pharmacies), or vendors and the products (medicines) we are taking and supplying to the local pharmacies. This process is sub divided into three more sub processes i.e. 80

- Pharmacies
- Vendors (Manufacturers)
- Products (medicines)

Each of the above sub process as its name mentions is for the registration of its related entity. Each sub process allows user to add, edit/update or search any entity in the database. All of the above sub processes are alike; the only difference is the entity between them.

### 2. Replenishment:

This is the process when we get the medicines from the vendors . We are sent a receipt which contains the detail of the products we take from manufacturer. Stock is updated through this process. This main process is subdivided into two other sub processes.

- New Replenishment
- Edit Replenishment

In the new replenishment sub process we add the information of the new receipt and the products sent by the respective manufacturer. While in the Edit process as its name describes we can edit any entered receipt information in our database. Both processes update our main stock as well as our accounts with the vendors.

### 3. Stock:

This process is actually for a viewing purpose that's why does not contain any further sub processes. In this section of the program we can have a look at our stock generally, or can look for any specific item and its quantity in the stock.

### 4. Supply:

After we receive medicines from the vendors and update our stock we are ready to supply them to the market. Supply process comes into work here. In this process we add the detail information of the supply made to any particular pharmacy. Usually a receipt is sent along with the medicine to any particular pharmacy in the city. So I can say in this process we add the information of that receipt into our database, print it out and send along with the supply. This process like replenishment process updates our accounts with the pharmacies as well as the main stock, i.e. subtracting the amount in quantity of the respective medicines. Likely it is split into tow further sub processes i.e.

- New Supply
- Edit Supply

In the new supply sub process we add the information about the receipt and its detail of the products that are sent to the pharmacy into out database while in the edit supply process we can edit any information incase any wrong entry was made before in the new supply process.

### 6. Accounts:

This section is for managerial purpose only where he/she can check the amount payable to the vendors, amount receivable from the clients (pharmacies). So I divided this process into two sub processes.

- Vendors accounts
- Pharmacy accounts

In the vendor section manager can check the vendors accounts records, the amount payable to them etc. While in the other sub process we retrieve the information about the accounts receivable from the customers (pharmacies).

### 7. Reports:

This section is dedicated for the managerial use as well. Only managers have access to it usually where he can have a look of all the activities of the business. Some of the reports are mentioned below as an example that helps the manager take a proper decision for the benefits of the business.

- List of the vendors
- List of the pharmacies
- List of the products both all and from any specific vendor
- Supply detail in general and in particular
- Replenishment detail in general and in particular
- Profit Reports
- Vendors' accounts report
- Pharmacy's accounts report

I hope this system will help such a business to be healthy in the local market and thus helping the people providing accurate medicines in time, keeping eye on all of its activities neatly. Still I will appreciate any good suggestion incase there is any.

## **Database Structure**

### **Table Vendors**

⊞ tblVendor : Table		
Field Name	Data Type	
Vcode	Text	â
name	Text	Ě
location	Text	
fone	Text	
rax	lext	$\sim$
Field Pro	aperties	
General Lookup		
Field Size	5	1
Format		
Input Mask		
Caption		
Default Value		
Validation Rule		
Validation Text		
Required	No	
Allow Zers Length	Yes	1
Indexed	Yes (No Dupli	
Unicode Compression	Yes	
IME Mode	No Control	
IME Sentence Mode	None	

## **Table Products**

I tolProd : Table			
Field Name	Data Type		
P pcode	Text		
vcode	Text		
pname	Text		
pprice	Number		
	lext		
Field Pro	perties		
General Lookup			
Field Size	5		
Format	Alter and a state		
Input Mask			
Caption			
Default Value			
Validation Rule			
Validation Text	a set of the		
Required	No		
Allow Zero Length	Yes		
Indexed	Yes (No Dup		
Unicode Compression	Yes		
IME Mode	No Control		
Mil Sentence Mode	None		

## **Table Pharmacies**

🔳 tbpharmacy : Table				
Field Name	Data Type			
St phcode	Text			
name	Text			
location	Text			
fone	Text			
fax	Text			
Field Pro	perties			
General Fonkun				
Field Size	5			
Enursak				
Toput Made				
Caption				
Endfault Value				
Validation Pule				
Validadon Kule				
Degrarad	No			
Allow Zava Langth	Nor			
Hillow Zeno Lenigon	Yes.			
Indexed	Yes (No Dupik			
Unicode Compression	Yes			
IME Mode	No Control			
IME Sentence Mode	NORE			

## **Table Invoice**

tblinvoice : Table	
Field Name	Data Type
rec_no	AutoNumber
	I EXI Tavř
date	Date/Time
type	Text
TE	Currency
Field Prop	erties
General Lankin	
Field Size	Cong Integer
New Values	Increment
Format	
Caption	
Indexed	Yes (No Duplic
	il in the second second

## **Table Main stock**

III tblMainStock : Tab	le 🗖 🗐 🕅			
Eield Name	Data Type			
rec_no.	Number			
pcode	Tèxt			
debit	Number			
credit	Number			
pcost	Currency			
Total_Cost	Currency			
date	Date/Time			
profit	Currency			
vcode	Text			
phcode	Text			
price	Currency			
total_price	Currency			
Field Properties				
General Lookup	- 1 · · · ·			
Field Size	Long Integer			
Format				
Decimal Flaces	Auto			
Input Mask				
Capition				
Default Malue	0			
Validation Rule	1.			
Validation Text				
Required	No			
Indexed	Ves (Dunlicate			
	the state of the s			

## **Table Accounts**

围	tblaccounts : Table				
	Field Name	Data Type			
•	vcode	Text			
	phoode	Text			
	Debit	Currency			
	credit	Currency			
-	date	Date/Time			
2	description	Memo			
	rec_no	Number			
	a the second	× I			
2.1	Field Prop	erties			
6	ieneral Lookup	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
F	Field Size 5				
F	Format				
1	Input Mask				
C	Caption				
E	Default Value				
1.N	Validation Rule				
14	Validation Text				
	Renired				
4	Now Zero Length	Yes			
1	ndexed	Yes (Duplicati			
11	Inicade Compression	Yes			
T	ME Made	No Control			
T	ME Sentence Made	None			
1	THE STATISTICS PRODUCT	TTOPIQ			



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## <u>NOTE</u>

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## (\*)

1-vendors list 2-pharmacy list 3-replanshment report 4-return item report 5-stock report 6-product list 7-supply report

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## NOTE

(\*) 1-vendors list 2-pharmacy list 3-replanshment report 4-return item report 5-stock report 6-product list



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## **Detailed DFD for Registration Process**

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Detailed DFD for Replenishment

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## Detailed DFD of Supply Process



## **Detailed DFD for Accounts Process**

## **User Manual**

Here I will explain in detail how the system works as the user moves from process to process. The system begins with the main menu that is explained below **Main Menu** 



Figure 1

This is the main menu that has 7 main options to be chosen by the user.

- 1. Registration
- 2. Replenishment
- 3. Manual Stock edit
- 4. Supply
- 5. Reports
- 6. Accounts
- 7. Exit

Each of the process will be explained in detail. On choosing the last option of Exit the system will prompt user if he wishes to log off the system or not by a message box that contains yes or no buttons. By clicking yes the system will be closed as shown in figure



## **Registration sub menu**





This is the sub menu containing what a user wants to register. It contains three sub options as vendor registration, product registration and pharmacy registration. Each process is as its name says is to register the related entity. They are explained one by one below.

14

	Vend	or Registration	
	code	11	
	Vendor Name	Bayer & Co.	
	Location	lekosha	
	Phone	8569854	
	Fax	455454	
	2 18		
Save	Edit Del	Find New	

V

### Figure 4

This is the first process of registration where we register the vendors by providing its information. There are few utilities. By clicking Save button if the vendor code does not exist will be added to the database. Similarly to find a record, simply enter the vendor code and click Find button if the record exists in the database it will be shown in the related fields. To add new click New button. After the record is retrieved from the database it can be edited using Edit button or delete using delete button. Back button is used to go back to the previous menu.

## Product



Figure 5

This form is as similar to the vendor registration, the only difference is that here we enter the vendor code before the product code to be registered from whom we buy from. All the rest operations are same as previous form.

## Pharmacy registration

Pharmacy Registratio	Dimensional and the second sec
	Pharmacy Registration
	Pharmacy
	Pharmacy Code
	Name
	Location
	Phone
	Баж
Г <u></u>	
Save	e Edit Del Eind New
Back	

### Figure 6

This is the third sub menu of the first process Registration. It is also similar to the first sub menu of vendor registration.

**Replenishment sub menu** Replenishment Edit New

Figure 7

This is the second option containing two sub processes, one is when a new replenishment occurs and the other one is to edit the same data and its accounts. Each of this is explained below how the two processes.



Figure 8

This is very important process of the system. All the accounts are updated through this form for the first form. First of all chose a vendor name from the drop down box and click New button. A new receipt number will be retrieved. If this process is not taken as explained no data will be entered so it must be noted to go through the same process. Then choose the product from the product list and the cost and quantity the data will be added to the database in the stock file. After all the data is stored once click "Save to accounts" button and the accounts will be saved to the database accounts file.

## Edit replenishment



Figure 9

This form is to edit the data stored by the previous sub process. The desired receipt number is entered on the top field and if it exists all the stock info will be displayed in the sub form below. Edit the quantity or cost of the product and then click the "update to accounts" and accounts will be updated in the accounts file.







This is the stock edit option where if incase of any loss in the stock we may enter the edited stock info without altering the accounts in the accounts file.

Supply sub menu



This is a sub menu to the new supply or edits supply form. The two forms are explained below how they work.

### New supply



Figure 12

This process is as similar to the new replenishment process, the only difference here is we choose the pharmacy code instead of the vendor code to which we are making the supply. All the rest of the operation is the same to the new replenishment process

### **Edit supply**



### Figure 13

This is also like the edit replenishment process. All the processes explained in the edit replenishment are applied here as well but here the pharmacy accounts are updated.

	Constant and the second s	
	Repor	rts
Vendor Pharmac		Vendor List Pharmacies List
From Date	To Date	Product List Supply Report Repl. Report
	Constanting of the second second	Profil Report

Figure 14

This process is for managerial purpose where when they enter the vendor name and two dates and then click the replenishment report to generate the report, or pharmacy code to generate the pharmacy supply report. There are some other reports generating button where the captioned reports are generated accordingly.

### Accounts



This process also contains two sub processes. One is to check the vendor accounts and the other to pharmacy accounts. They are explained below one by one.



Figure 16

In this process we choose the vendor from the drop down list and the accounts payable will be shown in the field says A/P. Enter amount that we pay to the vendor and click save to save the new accounts.



Pharmacy Accounts	
Date 7/2/2005	Pharmacy Accounts
	Pharmaty Flash
and the second second	A/R 0
	Paud
	Balance
	Vestripcion
	ERK SHO

Figure 17

This is also similar to the vendor's accounts. But here we have to update the pharmacy accounts, i.e. accounts receivable. Click save to save the accounts.



Registration Sub Menu



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## Replenishment Sub Menu



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New Replenishment

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Edit Replenishment

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### **Table Vendors**

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rax	lext	$\sim$
Field Pro	aperties	
General Lookup		
Field Size	5	1
Format		
Input Mask		
Caption		
Default Value		
Validation Rule		
Validation Text		
Required	No	
Allow Zers Length	Yes	1
Indexed	Yes (No Dupli	
Unicode Compression	Yes	
IME Mode	No Control	
IME Sentence Mode	None	

## **Table Products**

I tolProd : Table			
Field Name	Data Type		
P pcode	Text		
vcode	Text		
pname	Text		
pprice	Number		
	lext		
Field Pro	perties		
General Lookup			
Field Size	5		
Format	Alter and a state		
Input Mask			
Caption			
Default Value			
Validation Rule			
Validation Text	a set of the		
Required	No		
Allow Zero Length	Yes		
Indexed	Yes (No Dup		
Unicode Compression	Yes		
IME Mode	No Control		
Mil Sentence Mode	None		

## **Table Pharmacies**

🔳 tbpharmacy : Table				
Field Name	Data Type			
St phcode	Text			
name	Text			
location	Text			
fone	Text			
fax	Text			
Field Pro	perties			
General Fonkun				
Field Size	5			
Enursak				
Toput Made				
Caption				
Endfault Value				
Validation Pule				
Validadon Kule				
Degrarad	No			
Allow Zava Langth	Nor			
Hillow Zeno Lenigon	Yes.			
Indexed	Yes (No Dupik			
Unicode Compression	Yes			
IME Mode	No Control			
IME Sentence Mode	NORE			

## **Table Invoice**

tblinvoice : Table	
Field Name	Data Type
rec_no	AutoNumber
	I EXI Tavř
date	Date/Time
type	Text
TE	Currency
Field Prop	erties
General Lankin	
Field Size	Cong Integer
New Values	Increment
Format	
Caption	
Indexed	Yes (No Duplic
	il in the second second

## **Table Main stock**

III tblMainStock : Tab	le 🗖 🗐 🕅			
Eield Name	Data Type			
rec_no.	Number			
pcode	Tèxt			
debit	Number			
credit	Number			
pcost	Currency			
Total_Cost	Currency			
date	Date/Time			
profit	Currency			
vcode	Text			
phcode	Text			
price	Currency			
total_price	Currency			
Field Properties				
General Lookup	- 1 · · · ·			
Field Size	Long Integer			
Format				
Decimal Flaces	Auto			
Input Mask				
Capition				
Default Malue	0			
Validation Rule	1.			
Validation Text				
Required	No			
Indexed	Ves (Dunlicate			
	the state of the s			

## **Table Accounts**

围	tblaccounts : Table				
	Field Name	Data Type			
•	vcode	Text			
	phoode	Text			
	Debit	Currency			
	credit	Currency			
-	date	Date/Time			
2	description	Memo			
	rec_no	Number			
	a the second	× I			
2.1	Field Prop	erties			
6	ieneral Lookup	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
F	Field Size 5				
F	Format				
1	Input Mask				
C	Caption				
E	Default Value				
1.N	Validation Rule				
14	Validation Text				
	Renired				
4	Now Zero Length	Yes			
1	ndexed	Yes (Duplicati			
11	Inicade Compression	Yes			
T	ME Made	No Control			
T	ME Sentence Made	None			
1	THE STATISTICS PRODUCT	TTOPIQ			



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## <u>NOTE</u>

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## (\*)

1-vendors list 2-pharmacy list 3-replanshment report 4-return item report 5-stock report 6-product list 7-supply report

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## NOTE

(\*) 1-vendors list 2-pharmacy list 3-replanshment report 4-return item report 5-stock report 6-product list



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## **Detailed DFD for Registration Process**

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Detailed DFD for Replenishment

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## Detailed DFD of Supply Process



## **Detailed DFD for Accounts Process**

## **User Manual**

Here I will explain in detail how the system works as the user moves from process to process. The system begins with the main menu that is explained below **Main Menu** 



Figure 1

This is the main menu that has 7 main options to be chosen by the user.

- 1. Registration
- 2. Replenishment
- 3. Manual Stock edit
- 4. Supply
- 5. Reports
- 6. Accounts
- 7. Exit

Each of the process will be explained in detail. On choosing the last option of Exit the system will prompt user if he wishes to log off the system or not by a message box that contains yes or no buttons. By clicking yes the system will be closed as shown in figure



## **Registration sub menu**





This is the sub menu containing what a user wants to register. It contains three sub options as vendor registration, product registration and pharmacy registration. Each process is as its name says is to register the related entity. They are explained one by one below.

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	Vend	or Registration	
	code	11	
	Vendor Name	Bayer & Co.	
	Location	lekosha	
	Phone	8569854	
	Fax	455454	
	2 18		
Save	Edit Del	Find New	

V

### Figure 4

This is the first process of registration where we register the vendors by providing its information. There are few utilities. By clicking Save button if the vendor code does not exist will be added to the database. Similarly to find a record, simply enter the vendor code and click Find button if the record exists in the database it will be shown in the related fields. To add new click New button. After the record is retrieved from the database it can be edited using Edit button or delete using delete button. Back button is used to go back to the previous menu.

## Product



Figure 5

This form is as similar to the vendor registration, the only difference is that here we enter the vendor code before the product code to be registered from whom we buy from. All the rest operations are same as previous form.

## Pharmacy registration

Pharmacy Registratio	Dimensional and the second sec
	Pharmacy Registration
	Pharmacy
	Pharmacy Code
	Name
	Location
	Phone
	Баж
Г <u></u>	
Save	e Edit Del Eind New
Back	

### Figure 6

This is the third sub menu of the first process Registration. It is also similar to the first sub menu of vendor registration.

**Replenishment sub menu** Replenishment Edit New

Figure 7

This is the second option containing two sub processes, one is when a new replenishment occurs and the other one is to edit the same data and its accounts. Each of this is explained below how the two processes.



Figure 8

This is very important process of the system. All the accounts are updated through this form for the first form. First of all chose a vendor name from the drop down box and click New button. A new receipt number will be retrieved. If this process is not taken as explained no data will be entered so it must be noted to go through the same process. Then choose the product from the product list and the cost and quantity the data will be added to the database in the stock file. After all the data is stored once click "Save to accounts" button and the accounts will be saved to the database accounts file.

## Edit replenishment



Figure 9

This form is to edit the data stored by the previous sub process. The desired receipt number is entered on the top field and if it exists all the stock info will be displayed in the sub form below. Edit the quantity or cost of the product and then click the "update to accounts" and accounts will be updated in the accounts file.







This is the stock edit option where if incase of any loss in the stock we may enter the edited stock info without altering the accounts in the accounts file.

Supply sub menu



This is a sub menu to the new supply or edits supply form. The two forms are explained below how they work.

### New supply



Figure 12

This process is as similar to the new replenishment process, the only difference here is we choose the pharmacy code instead of the vendor code to which we are making the supply. All the rest of the operation is the same to the new replenishment process

### **Edit supply**



### Figure 13

This is also like the edit replenishment process. All the processes explained in the edit replenishment are applied here as well but here the pharmacy accounts are updated.

	Constant and the second s	
	Repor	rts
Vendor Pharmac		Vendor List Pharmacies List
From Date	To Date	Product List Supply Report Repl. Report
	Constanting of the second second	Profil Report

Figure 14

This process is for managerial purpose where when they enter the vendor name and two dates and then click the replenishment report to generate the report, or pharmacy code to generate the pharmacy supply report. There are some other reports generating button where the captioned reports are generated accordingly.

### Accounts



This process also contains two sub processes. One is to check the vendor accounts and the other to pharmacy accounts. They are explained below one by one.



Figure 16

In this process we choose the vendor from the drop down list and the accounts payable will be shown in the field says A/P. Enter amount that we pay to the vendor and click save to save the new accounts.



Pharmacy Accounts	
Date 7/2/2005	Pharmacy Accounts
	Pharmaty Flash
and the second second	A/R 0
	Paud
	Balance
	Vestripcion
	ERK SHO

Figure 17

This is also similar to the vendor's accounts. But here we have to update the pharmacy accounts, i.e. accounts receivable. Click save to save the accounts.



Registration Sub Menu



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## Replenishment Sub Menu



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New Replenishment

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Edit Replenishment

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Supply Sub Menu



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Accounts Sub Menu



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**Pharmacy Accounts** 



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## **Screen Shots**



Registration sub menu



## Vendor registration

	Vend	or Registrat	tion	
	code	01		
	Vendor Name	Bayer & Co.		
	l oration	lekosha		
	Phone	8569854		
		455454		
	S. N			
Save	Edit Del	Find New		
4				

## **Product registration**

Products Registration	
	Product Registration
	Vendor Name Product Code Name
	Price \$ Min. Qty
Save	Edit Del End New
Back	

Pharmacy registration





## Replenishment sub menu



# New replenishment



Edit replenishment



## Manual stock edit



Supply sub menu



### Edit sub menu



Reports



Accounts sub menu



## Vendors' accounts

Vendor Accounts			-			
Date	7/2/2005	V	endor Acc	ounts		
N		Vendor	Bayer & Co.			
		A/P	4940			
		Paid				
		Balance .				
		Description -	- Andrews			
		Back	Save			
		Contract P				

## **Pharmacy accounts**

ate 7/2/2005	Pha	rmacy Accounts	
	Pharmacy	Flash	
	A/R	D	
	Paid		
	Balance	- Protection	
	Description		
	and a	344 I	

## **Source Codes**

## Main Menu

Back Button Private Sub cmd\_Exit\_Click() If MsgBox("Do You Want to Log off?", vbInformation + vbYesNo, Me.Caption) = vbYes Then DoCmd.Close acForm, "frmMain\_menu" Quit End If End Sub To open accounts sub menu Private Sub cmdAcc\_Click() Me.subOrd.SourceObject = "frmSubAccounts" Me.subOrd.Visible = True

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MsgBox "Record Updated" Me.txtcode.SetFocus End If End Sub To search for a record Private Sub cmdFind\_Click() Set db = CurrentDb() Dim s As String Dim rs As DAO.Recordset s = "SELECT \* FROM tblVendor WHERE vcode='" & Me.txtcode & """ Set rs = db.OpenRecordset(s)If rs.EOF And rs.BOF Then MsgBox "Record Not Found" Me.txtcode.SetFocus Else Me.txtname = rs.Fields("name").Value Me.txtloc = rs.Fields("location").Value Me.txtfone = rs.Fields("fone").Value Me.txtfax = rs.Fields("fax").Value Me.txtcode.SetFocus End If End Sub To initial form fields Private Sub cmdNew\_Click() Me.txtcode = "" Me.txtname = "" Me.txtloc = "" Me.txtfone = "" Me.txtfax = "" Me.txtcode.SetFocus End Sub To save a new record

Private Sub cmdSave\_Click() Dim db As DAO.Database Set db = CurrentDb() Dim s As String Dim rs As DAO.Recordset s = "SELECT \* FROM tblVendor WHERE vcode='" & Me.txtcode & "'" Set rs = db.OpenRecordset(s) If rs.EOF And rs.BOF Then rs.AddNew rs.Fields("vcode").Value = Me.txtcode rs.Fields("name").Value = Me.txtname rs.Fields("location").Value = Me.txtloc rs.Fields("fone").Value = Me.txtfone rs.Fields("fax").Value = Me.txtfax rs.Update MsgBox "Record saved" Me.txtcode.SetFocus

#### Else

MsgBox "Vendor Code Already Exists", vbCritical + vbInformation, Me.Caption End If End Sub

## **Products Registration**

**Option Compare Database** Public db As DAO.Database Public rs1 As DAO.Recordset Public s1 As String To go back to main menu Private Sub cmdBack\_Click() DoCmd.Close acForm, "frmProdReg" End Sub To delete a record Private Sub cmdDel\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tblProd WHERE pcode='" & Me.txtpcode & "'" Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Me.txtpcode.SetFocus Else If MsgBox("Do You Want to Delete This Record", vbYesNo) = vbYes Then rs1.Delete MsgBox "Record Deleted" Me.txtpcode = "" Me.txtname = "" Me.txtprice = "" Me.txtmin = "" Me.cmbVcode = "" Me.txtpcode.SetFocus End If End If End Sub To edit a record Private Sub cmdEdit\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tblProd WHERE pcode="" & Me.txtpcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found"

Me.txtpcode.SetFocus Else rs1.Edit rs1.Fields("pname").Value = Me.txtname rs1.Fields("pprice").Value = Me.txtprice rs1.Fields("pmin").Value = Me.txtmin rs1.Fields("vcode").Value = Me.cmbVcode rs1.Update MsgBox "Record Updated ." Me.txtpcode.SetFocus End If End Sub To search for a specific record Private Sub cmdFind\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tblProd WHERE pcode='" & Me.txtpcode & "'" Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Me.txtpcode.SetFocus Else Me.txtname = rs1.Fields("pname").Value Me.txtprice = rs1.Fields("pprice").Value Me.txtmin = rs1.Fields("pmin").Value Me.cmbVcode = rs1.Fields("vcode").Value Me.txtpcode.SetFocus End If End Sub To initialize form fields for new data entry Private Sub cmdNew\_Click() Me.txtpcode = "" Me.txtname = "" Me.txtprice = "" Me.txtmin = "" Me.cmbVcode = "" Me.txtpcode.SetFocus End Sub To save a record to database Private Sub cmdSave\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tblProd WHERE pcode="" & Me.txtpcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then rs1.AddNew rs1.Fields("pcode").Value = Me.txtpcode

rs1.Fields("pname").Value = Me.txtname

rs1.Fields("pprice").Value = Me.txtprice rs1.Fields("pmin").Value = Me.txtmin rs1.Fields("vcode").Value = Me.cmbVcode rs1.Update MsgBox "Record saved" Me.txtpcode.SetFocus Else MsgBox "Product Code Already Exists", vbCritical + vbInformation, Me.Caption End If End Sub

#### **Pharmacy Registration**

**Option Compare Database** Public db As DAO.Database Public rs1 As DAO.Recordset Public s1 As String **Back button** Private Sub cmdBack\_Click() DoCmd.Close acForm, "frmPharmacyReg" End Sub **Delete button** Private Sub cmdDel\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tbpharmacy WHERE phcode=" & Me.cmbphcode & "" Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Me.cmbphcode.SetFocus Else If MsgBox("Do You Want to Delete This Record", vbYesNo) = vbYes Then rs1.Delete MsgBox "Record Deleted" Me.cmbphcode.Requery Me.txtphcode = "" Me.txtname = "" Me.txtlocation = "" Me.txtfone = "" Me.txtfax = "" Me.txtname = "" Me.cmbphcode.SetFocus End If End If End Sub **Edit button** Private Sub cmdEdit\_Click()

Set db = CurrentDb()

s1 = "SELECT \* FROM tbpharmacy WHERE phcode='" & Me.cmbphcode & """ Set rs1 = db.OpenRecordset(s1) If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Me.cmbphcode.SetFocus Else rs1.Edit rs1.Fields("name").Value = Me.txtname rs1.Fields("location").Value = Me.txtlocation rs1.Fields("fone").Value = Me.txtfone rs1.Fields("fax").Value = Me.txtfax rs1.Update MsgBox "Record Updated" Me.cmbphcode.SetFocus End If End Sub **Find button** Private Sub cmdFind\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tbpharmacy WHERE phcode='" & Me.cmbphcode & "" Set rs1 = db.OpenRecordset(s1) If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Me.cmbphcode.SetFocus Else Me.txtphcode = rs1.Fields("phcode").Value Me.txtlocation = rs1.Fields("location").Value Me.txtfone = rs1.Fields("fone").Value Me.txtname = rs1.Fields("name").Value Me.txtfax = rs1.Fields("fax").Value Me.cmbphcode.SetFocus End If End Sub New button to initialize form fields Private Sub cmdNew\_Click() Me.cmbphcode = "" Me.txtfone = "" Me.txtlocation = "" Me.txtname = "" Me.txtfax = "" Me.txtphcode = "" Me.txtphcode.SetFocus End Sub Save button Private Sub cmdSave\_Click() Set db = CurrentDb()

s1 = "SELECT \* FROM tbpharmacy WHERE phcode='" & Me.txtphcode & "'" Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then rs1.AddNew rs1.Fields("phcode").Value = Me.txtphcode rs1.Fields("name").Value = Me.txtname rs1.Fields("location").Value = Me.txtlocation rs1.Fields("fone").Value = Me.txtfone rs1.Fields("faxs").Value = Me.txtfax rs1.Update MsgBox "Record saved" Me.cmbphcode.SetFocus Me.cmbphcode.Requery Else MsgBox "Pharmacy Code Already Exists", vbCritical + vbInformation, Me.Caption End If End Sub

## Replenishment sub menu

## To open edit replenishment form

Private Sub cmdEditrep\_Click() DoCmd.OpenForm "frmReplenishmentEdit" End Sub **To open a new replenishment form** Private Sub cmdNew\_Click() DoCmd.OpenForm "frmReplenishment" End Sub

New Replenishment Option Compare Database Public db As DAO.Database Public rs1 As DAO.Recordset, rs2 As DAO.Recordset Public s1 As String, s2 As String Product code after update event Private Sub cmbpcode\_AfterUpdate() Set db = CurrentDb() s1 = "SELECT \* FROM tblProd WHERE pcode=''' & Me.cmbpcode & ''' '' Set rs1 = db.OpenRecordset(s1) If rs1.EOF And rs1.BOF Then Me.txtpname.SetFocus Me.cmbpcode.SetFocus

Else Me.txtpname = rs1.Fields("pname").Value End If End Sub Vendor field after update event Private Sub cmbVcode\_AfterUpdate() Me.cmbpcode.Requery End Sub **Back to previous options** Private Sub cmdBack\_Click() If MsgBox("Did you save the vendor accounts?", vbYesNo, Me.Caption) = vbYes Then DoCmd.Close acForm, "frmReplenishment" Else Me.cmdSave.SetFocus End If End Sub To enter a new receipt Private Sub cmdNew Click() Set db = CurrentDb() If IsNull(Me.cmbVcode) Then MsgBox "Please select a vendor from the dropdown box" Else Set rs2 = db.OpenRecordset("tblinvoice") rs2.AddNew rs2.Fields("date").Value = Me.txtDate rs2.Fields("type").Value = "A/P" rs2.Fields("vcode").Value = Me.cmbVcode Me.txtrec\_no = rs2.Fields("rec\_no").Value rs2.Update Me.cmbpcode.SetFocus End If End Sub To print replenishment report Private Sub cmdPrint\_Click()

DoCmd.OpenReport "rptReplenishment", acViewPreview End Sub **To save the accounts** Private Sub cmdSave\_Click() Set db = CurrentDb() Dim n As Integer If IsNull(Me.cmbVcode) Then MsgBox "Please select a vendor from the dropdown box" Else

s1 = "SELECT \* FROM tblAccounts WHERE rec\_no=" & Me.txtrec\_no & " AND vcode='" & Me.cmbVcode & "'"

Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then rs1.AddNew rs1.Fields("rec\_no").Value = Me.txtrec\_no rs1.Fields("vcode").Value = Me.cmbVcode rs1.Fields("credit").Value = Forms!frmReplenishment!suborder!txtSum rs1.Fields("date").Value = Me.txtDate rs1.Update Me.suborder.Enabled = FalseMsgBox "Stock and accounts Updated", vbInformation, Me.Caption Else MsgBox "This receipt number account is already added", , Me.Caption End If End If End Sub Quantity field after update event Private Sub txtqty\_AfterUpdate() Set db = CurrentDb()s1 = "SELECT \* FROM tblMainStock WHERE rec\_no=" & Me.txtrec\_no & " AND pcode='" & Me.cmbpcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then rs1.AddNew rs1.Fields("rec\_no").Value = Me.txtrec\_no rs1.Fields("pcode").Value = Me.cmbpcode rs1.Fields("vcode").Value = Me.cmbVcode rs1.Fields("debit").Value = Me.txtqty rs1.Fields("date").Value = Me.txtDate rs1.Fields("Total\_Cost").Value = Me.txtTotal rs1.Fields("pcost").Value = Me.txtcost rs1.Update Me.suborder.Requery Me.cmbpcode.SetFocus Else MsgBox "This product is added to the receipt", vbInformation, Me.Caption Me.cmbpcode.SetFocus End If End Sub

#### **Edit Replenishment**

Option Compare Database Public db As DAO.Database Public rs1 As DAO.Recordset, rs2 As DAO.Recordset Public s1 As String, s2 As String Product code field after update event Private Sub cmbpcode\_AfterUpdate()

Set db = CurrentDb() s1 = "SELECT \* FROM tblProd WHERE pcode='" & Me.cmbpcode & "' " Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then Me.txtpname.SetFocus Me.cmbpcode.SetFocus Else Me.txtpname = rs1.Fields("pname").Value Me.txtcost.SetFocus End If End Sub Vendor code after update field Private Sub cmbVcode\_AfterUpdate() Me.cmbpcode.Requery End Sub Back to the previous menu Private Sub cmdBack\_Click() If MsgBox("Did you save the changes in vendor accounts?", vbYesNo, Me.Caption) = vbYes Then DoCmd.Close acForm, "frmReplenishmentEdit" Else Me.cmdEdit.SetFocus End If End Sub To update accounts Private Sub cmdEdit Click() Set db = CurrentDb() Dim sum1 As Integer s1 = "SELECT \* FROM tblAccounts WHERE rec\_no=" & Me.txtrec\_no & " and Vcode="" & Me.cmbVcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Sorry change the Vendor or the receipt number.", vbInformation, Me.Caption Else rs1.Edit rs1.Fields("credit").Value = Forms!frmReplenishmentEdit!suborder!txtSum rs1.Update MsgBox "Accounts Updated", vbInformation, Me.Caption End If End Sub **Ouantity field after update event** Private Sub txtqty\_AfterUpdate() Set db = CurrentDb()s1 = "SELECT \* FROM tblMainStock WHERE rec\_no="" & Me.txtrec\_no & "' AND pcode='" & Me.cmbpcode & """

Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then rs1.AddNew rs1.Fields("rec\_no").Value = Me.txtrec\_no rs1.Fields("pcode").Value = Me.cmbpcode rs1.Fields("vcode").Value = Me.cmbVcode rs1.Fields("date").Value = Me.txtDate rs1.Fields("quantity").Value = Me.txtqty rs1.Fields("pcost").Value = Me.txtcost rs1.Fields("Total\_Cost").Value = Me.txtTotal rs1.Fields("debit").Value = Me.txtqty rs1.Update Me.suborder.Requery Me.cmbpcode.SetFocus Else Me.cmbpcode.SetFocus End If End Sub Receipt number after update event Private Sub txtrec\_no\_AfterUpdate() Set db = CurrentDb()s1 = "SELECT \* FROM tblMainStock WHERE rec\_no=" & Me.txtrec\_no & "" Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Receipt number was not found", vbInformation, Me.Caption Me.cmbVcode.SetFocus Me.cmbVcode = "" Me.txtrec no = "" Me.txtrec\_no.SetFocus Else Me.txtDate = rs1.Fields("date").Value Me.cmbVcode = rs1.Fields("vcode").Value Me.suborder.Requery Me.cmbpcode.Requery End If End Sub Sub form events Meterstand Metershood a **Option Compare Database** Public db As DAO.Database Public s1 As String Public rs1 As DAO.Recordset Product data after update event Private Sub txtpcode\_AfterUpdate() Set db = CurrentDb() s1 = "SELECT \* FROM tblProd WHERE pcode="" & Me.txtpcode & """ Set rs1 = db.OpenRecordset(s1)

#### If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Else Me.txtpname = rs1.Fields("pname").Value End If End Sub Cost data after update event Private Sub cost\_AfterUpdate()

Me.Total\_Cost = Me.debit \* Me.pcost End Sub

Private Sub debit\_AfterUpdate() Me.Total\_Cost = Me.debit \* Me.pcost End Sub

#### Supply sub menu

To open edit supply form Private Sub cmdEditsupply\_Click() DoCmd.OpenForm "frmsupplyedit" End Sub To open new supply form

Private Sub cmdNew\_Click() DoCmd.OpenForm "frmsupply" End Sub

### New supply form

**Option Compare Database** 

Public db As DAO.Database Public rs1 As DAO.Recordset, rs2 As DAO.Recordset, rs3 As DAO.Recordset, acr As DAO.Recordset Public s1 As String, s3 As String, ac As String

#### Product code field after update event

Private Sub cmbpcode\_AfterUpdate() Set db = CurrentDb() Dim x As Integer x = (DSum("[debit]", "tblMainStock", "[pcode] = "" & Me.cmbpcode & """) -DSum("[credit]", "tblMainStock", "[pcode] = "" & Me.cmbpcode & """)) s1 = "SELECT \* FROM tblProd WHERE pcode="" & Me.cmbpcode & """) Set rs1 = db.OpenRecordset(s1) If rs1.EOF And rs1.BOF Then Me.txtpname.SetFocus Else Me.txtpname = rs1.Fields("pname").Value Me.txtpname = rs1.Fields("pname").Value

Me.txtprice = rs1.Fields("pprice").Value

#### End If

s1 = "SELECT \* FROM tblMainStock WHERE pcode='" & Me.cmbpcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then Me.txtqty = "0"Me.txtstock = "0"Else Me.txtstock = xEnd If End Sub Vendor field after update event Private Sub cmbVcode\_AfterUpdate() Me.cmbpcode.Requery End Sub **Back button** Private Sub cmdBack\_Click() If MsgBox("Did you save the pharmacy accounts?", vbYesNo, Me.Caption) = vbYes Then DoCmd.Close acForm, "frmsupply" Else Me.cmdSave.SetFocus End If End Sub New button Private Sub cmdNew Click() Set db = CurrentDb() If IsNull(Me.cmbphcode) Then MsgBox "Please select a pharmacy from the dropdown box" Else Set rs2 = db.OpenRecordset("tblinvoice") rs2.AddNew rs2.Fields("date").Value = Me.txtDate rs2.Fields("type").Value = "A/R" rs2.Fields("phcode").Value = Me.cmbphcode Me.txtbill\_no = rs2.Fields("rec\_no").Value rs2.Update Me.cmbpcode.SetFocus End If End Sub Print button Private Sub cmdPrint Click() DoCmd.OpenReport "rptSupply1", acViewPreview End Sub Save account event Private Sub cmdSave\_Click() Set db = CurrentDb()

Dim n As Integer

If IsNull(Me.cmbphcode) Then

MsgBox "Please select a vendor from the dropdown box"

Else

s1 = "SELECT \* FROM tblAccounts WHERE phcode='" & Me.cmbphcode & "' AND rec\_no=" & Me.txtbill\_no & ""

Set rs1 = db.OpenRecordset(s1)

If rs1.EOF And rs1.BOF Then

rs1.AddNew

rs1.Fields("rec\_no").Value = Me.txtbill\_no

rs1.Fields("phcode").Value = Me.cmbphcode

rs1.Fields("date").Value = Me.txtDate

rs1.Fields("debit").Value = Forms!frmsupply!subSupply!txtSum

rs1.Update

MsgBox "Stock and accounts Updated", vbInformation, Me.Caption Else

MsgBox "This account record already exists in the database", , Me.Caption End If

End If

End Sub

#### Quantity field after update event

Private Sub txtqty\_AfterUpdate()

Set db = CurrentDb()

If Me.txtqty > Me.txtstock Then

MsgBox "Sorry we dont have enough stock", , Me.Caption

Me.cmbpcode.SetFocus

Else

s1 = "SELECT \* FROM tblMainStock WHERE rec\_no=" & Me.txtbill\_no & " AND pcode="" & Me.cmbpcode & """

Set rs1 = db.OpenRecordset(s1)

If rs1.EOF And rs1.BOF Then

rs1.AddNew

rs1.Fields("rec\_no").Value = Me.txtbill\_no

rs1.Fields("pcode").Value = Me.cmbpcode

rs1.Fields("phcode").Value = Me.cmbphcode

rs1.Fields("credit").Value = Me.txtqty

rs1.Fields("date").Value = Me.txtDate

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rs1.Fields("price").Value = Me.txtprice
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rs1.Fields("total\_price").Value = Me.txtTotal\_Price

rs1.Update

Me.subSupply.Requery

Me.cmbpcode.SetFocus

Else

MsgBox "This product is already added to the bill", vbInformation, Me.Caption Me.cmbpcode.SetFocus

End If

End If End Sub

Edit supply **Option Compare Database** Public db As DAO.Database Public rs1 As DAO.Recordset, rs2 As DAO.Recordset, rs3 As DAO.Recordset, acr As DAO.Recordset Public s1 As String, s3 As String, ac As String Product field after update event Private Sub cmbpcode\_AfterUpdate() Set db = CurrentDb()s1 = "SELECT \* FROM tblProd WHERE pcode='" & Me.cmbpcode & "' " Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then Me.txtpname.SetFocus Me.cmbpcode.SetFocus Else Me.txtpname = rs1.Fields("pname").Value Me.txtprice = rs1.Fields("price").Value End If End Sub **Back button** Private Sub cmdBack\_Click() If MsgBox("Did you save the pharmacy accounts?", vbYesNo, Me.Caption) = vbYes Then DoCmd.Close acForm, "frmsupplyedit" Else Me.cmdSave.SetFocus End If End Sub

New button Private Sub cmdNew\_Click() Me.txtbill\_no = "" Me.txtbill\_no.SetFocus Me.cmbphcode = "" End Sub Print button Private Sub cmdPrint\_Click() DoCmd.OpenReport "rptSupply1", acViewPreview End Sub Save accounts to the database Private Sub cmdSave\_Click() Set db = CurrentDb()

Dim sum1 As Integer

s1 = "SELECT \* FROM tblAccounts WHERE rec\_no=" & Me.txtbill\_no & " and phcode=" & Me.cmbphcode & "" Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Sorry change the Pharmacy or the receipt number.", vbInformation, Me.Caption Else rs1.Edit rs1.Fields("debit").Value = Forms!frmsupplyEdit!subSupply!txtSum rs1.Update MsgBox "Accounts Updated", vbInformation, Me.Caption End If End Sub Quantity field after update event Private Sub txtqty\_AfterUpdate() Set db = CurrentDb()If Me.txtqty > Me.txtstock Then MsgBox "Sorry we dont have enough stock", , Me.Caption Me.cmbpcode.SetFocus Else s1 = "SELECT \* FROM tblMainStock WHERE rec\_no=" & Me.txtbill\_no & " AND pcode="" & Me.cmbpcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then rs1.AddNew rs1.Fields("rec\_no").Value = Me.txtbill no rs1.Fields("pcode").Value = Me.cmbpcode rs1.Fields("phcode").Value = Me.cmbphcode rs1.Fields("credit").Value = Me.txtoty rs1.Fields("date").Value = Me.txtDate rs1.Fields("price").Value = Me.txtprice rs1.Fields("total\_price").Value = Me.txtTotal\_Price rs1.Update Me.subSupply.Requery Me.cmbpcode.SetFocus Else MsgBox "This product is already added to the bill", vbInformation, Me.Caption Me.cmbpcode.SetFocus End If End If End Sub Sub form modules **Option Compare Database** Public db As DAO.Database Public s1 As String Public rs1 As DAO.Recordset

#### Product code after update event

Private Sub txtpcode\_AfterUpdate() Set db = CurrentDb() s1 = "SELECT \* FROM tblProd WHERE pcode="" & Me.txtpcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then MsgBox "Record Not Found" Else Me.txtpname = rs1.Fields("pname").Value End If End Sub Cost field after update event Private Sub cost\_AfterUpdate() Me.Total\_Cost = Me.quantity \* Me.pcost End Sub Credit data after update event Private Sub credit\_AfterUpdate() Me.total\_price = Me.credit \* Me.price End Sub

#### Reports

Back to previous menu Private Sub cmdBack\_Click() DoCmd.Close acForm, "frmReports" End Sub To generate pharmacy accounts report Private Sub cmdPhAcc\_Click() DoCmd.OpenReport "rptpharmacyAcc", acViewPreview End Sub

#### To generate pharmacy list report

Private Sub cmdPrintPh\_Click() DoCmd.OpenReport "rptPharmacy", acViewPreview End Sub **To generate products list** Private Sub cmdPrintProd\_Click() DoCmd.OpenReport "rptProd", acViewPreview End Sub **To generate vendors list** Private Sub cmdPrintvendor\_Click() DoCmd.OpenReport "rptVendor", acViewPreview End Sub

#### Accounts sub menu

#### To open pharmacy accounts form

Private Sub cmdphar\_Click() DoCmd.OpenForm "frmPhAcc" End Sub

## To open vendor's accounts form

Private Sub cmdven\_Click() DoCmd.OpenForm "frmVAcc" End Sub

## Vendor accounts form

**Option Compare Database** Public db As DAO.Database Public rs1 As DAO.Recordset, rs2 As DAO.Recordset Public s1 As String Vendor field after update event Private Sub cmbVcode\_AfterUpdate() Set db = CurrentDb()s1 = "SELECT \* FROM tblAccounts WHERE vcode="" & Me.cmbVcode & """ Set rs1 = db.OpenRecordset(s1)If rs1.EOF And rs1.BOF Then Me.txtAP = 0Else dbt = 0cr = 0rs1.MoveFirst Do While Not rs1.EOF dbt = dbt + rs1.Fields("Debit").Value cr = cr + rs1.Fields("credit").Value rs1.MoveNext Loop Me.txtAP = cr - dbtEnd If End Sub Back to previous menu Private Sub cmdBack\_Click() DoCmd.Close acForm, "frmVAcc" End Sub Print report button Private Sub cmdPrint\_Click() DoCmd.OpenReport "RptOrder", acViewPreview End Sub Save new accounts Private Sub cmdSave\_Click() Set db = CurrentDb()s1 = "SELECT \* FROM tblAccounts WHERE vcode='" & Me.cmbVcode & "" Set rs1 = db.OpenRecordset(s1)

#### If rs1.EOF And rs1.BOF Then Else rs1.AddNew rs1.Fields("vcode").Value = Me.cmbVcode rs1.Fields("description").Value = Me.txtdesc rs1.Fields("debit").Value = Me.txtpaid rs1.Fields("date").Value = Me.txtDate rs1.Update MsgBox "Acounts updated" End If End Sub

## Pharmacy accounts form

**Option Compare Database** Public db As DAO.Database Public rs1 As DAO.Recordset, rs2 As DAO.Recordset Public s1 As String Pharmacy after update event Private Sub cmbphcode\_AfterUpdate() Set db = CurrentDb() s1 = "SELECT \* FROM tblAccounts WHERE phcode="" & Me.cmbVcode & """ Set rs1 = db.OpenRecordset(s1) If rs1.EOF And rs1.BOF Then Me.txtAR = 0Else dbt = 0cr = 0rs1.MoveFirst Do While Not rs1.EOF dbt = dbt + rs1.Fields("Debit").Value cr = cr + rs1.Fields("credit").Value rs1.MoveNext Loop Me.txtAR = dbt - crEnd If End Sub **Back button** Private Sub cmdBack\_Click() DoCmd.Close acForm, "frmPhAcc" End Sub **Print button** Private Sub cmdPrint\_Click() DoCmd.OpenReport "RptOrder", acViewPreview End Sub Save accounts button Private Sub cmdSave\_Click()

Set db = CurrentDb() s1 = "SELECT \* FROM tblAccounts WHERE phcode='" & Me.cmbVcode & "'" Set rs1 = db.OpenRecordset(s1) If rs1.EOF And rs1.BOF Then Else rs1.AddNew rs1.Fields("Phcode").Value = Me.cmbVcode rs1.Fields("description").Value = Me.txtdesc rs1.Fields("credit").Value = Me.txtpaid rs1.Fields("date").Value = Me.txtDate rs1.Update MsgBox "Acounts updated" End If End Sub

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