



A project on ‘Shop Management System’

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Roadmap

- Introduction
- Languages & Tools
- Features.
- Overview Of Project.
- Schema Diagram
- Software Model
- Physical description
- Experience Future plan
- Conclusion



Introduction

- By using this software, A shop owner can store and sell his/her product to/from the shop. The software will handle the procedure needs to store, sell, profit loss calculation, store records of sale and store of products.

Objective :

- To maintain a shop's transaction in Computerized System.
- To give a shop owner a better facility.
- To analysis several part of business.
- To inform the owner about the storage of product.



Languages & Tools

- C#.NET
- SQL
- SQL Server 2012
- Visual Studio 2012
- SQL Server Management Studio
- Crystal Report



Features

➤ Login Facility [Starting the software]

- Admin Login
- Seller Login

➤ Login & Logout Facility [Main Window]

- Admin Login
- Seller Login
- Display the logged username
- A logout Button



Features

- Selling Items
- Undo Last Selling/Transaction
- Search Sale History
- Showing Important Messages
- Showing Software's Current Status
- A Timer



Features

- Summary Tab of selling
 - Total consumer in a day
 - Total Selling Amount
 - Maximum Sold Item & it's amount
 - Most Item Seller & Transaction
- Managing Vendors
- Managing Items
- Managing Seller Information

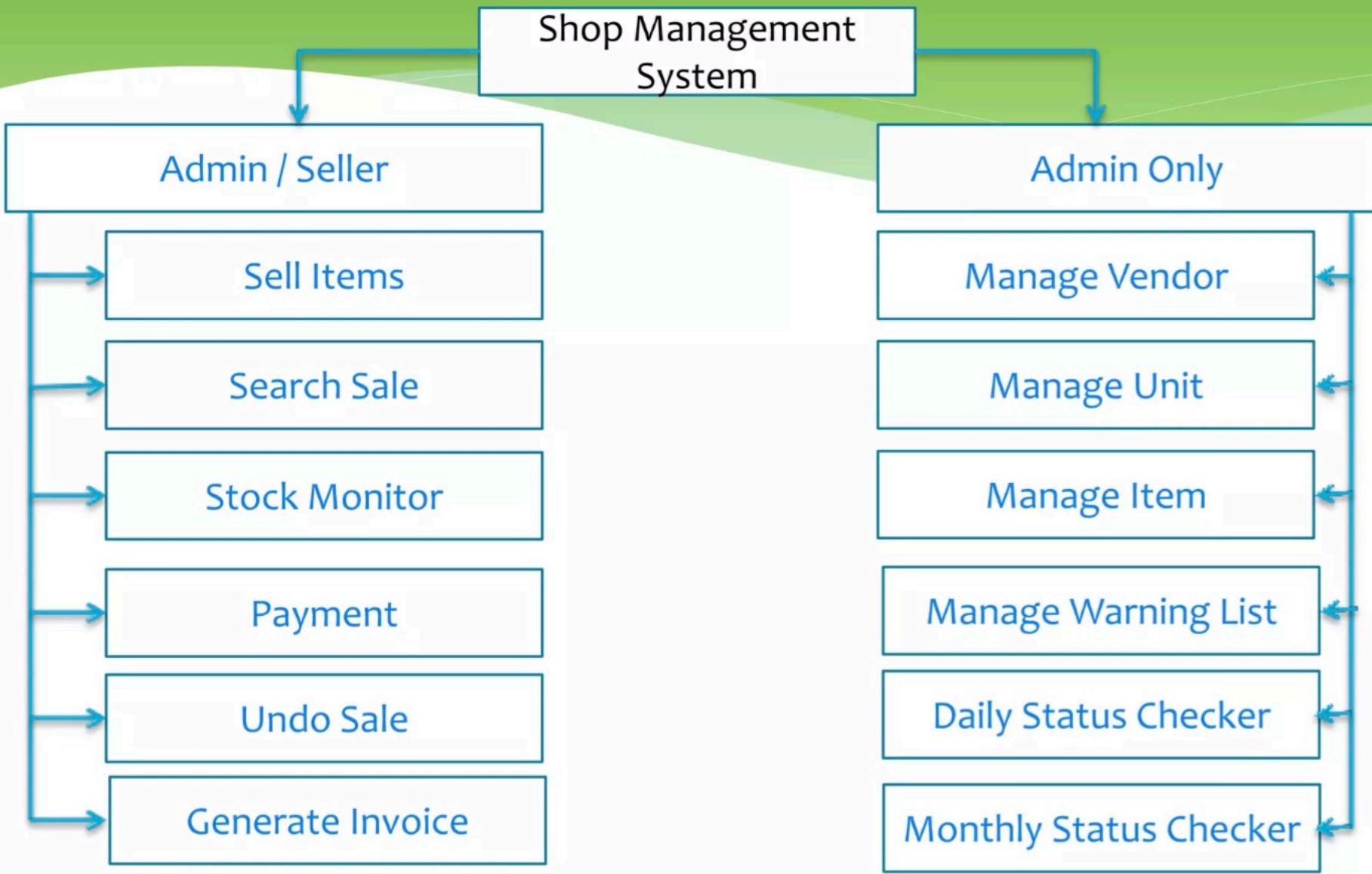


Features

- Purchasing Items
- Stock Monitor of Items
- Warning List Monitor
- Manage Warning List
- Daily Status Checker
- Monthly Status Checker

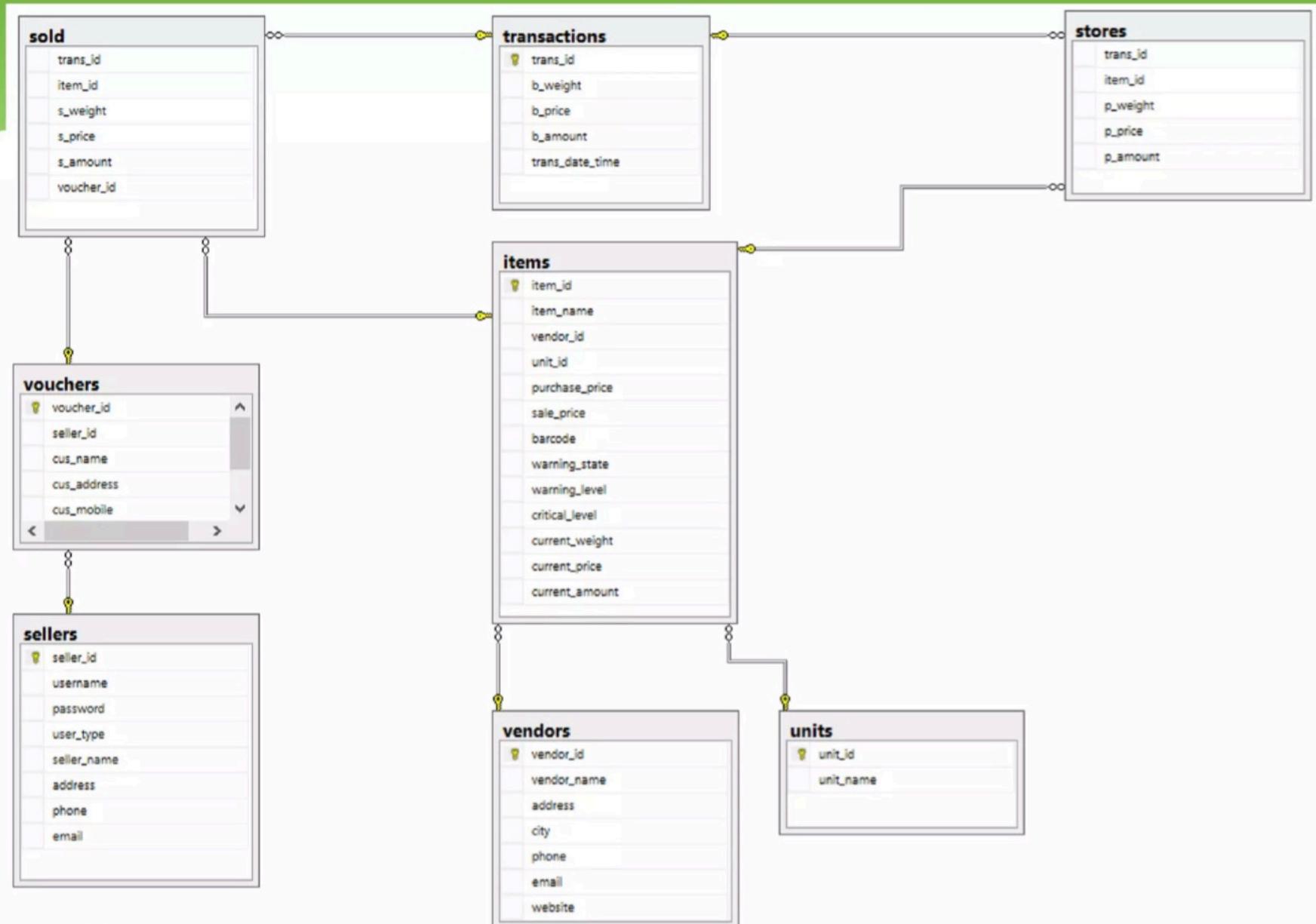


Overview





Schema Diagram





Software Model

The methodology, we used to develop this system is **Incremental Model.**

The Development of Project is included system planning requirement analysis, system design, programming, system testing and evaluation of the project in weekly basis.



Physical Description Of The Project



❖ First Login Window

Enter Username And Password.
If wrong value is entered, it
shows error message.

Otherwise, it runs the Main
Window.

Galaxy Shop

USERNAME	<input type="text" value="saad26"/>
PASSWORD	<input type="password" value="*****"/>
ADMIN LOGIN SELLER LOGIN	





❖ First Login Window

If a Seller tries to login as admin, It suggests to login as seller.





❖ Main Window

After Successful Login, The Main Window will be shown

Shop Management

File Tools Monitor Manage Help About

Galaxy Shop, Mymensingh  Shop Easy, Be Free

saad26
Logout

NO SALE YET Monday, Nov 16, 2015 12:41:41 AM

Important Msgs : Only 23 piece Cold Cream (PONDS) available in store...

Customer Payment

Total Cost

Pay Here Undo Sale



Sale Summary Sale Items

Sell Item Search Sale



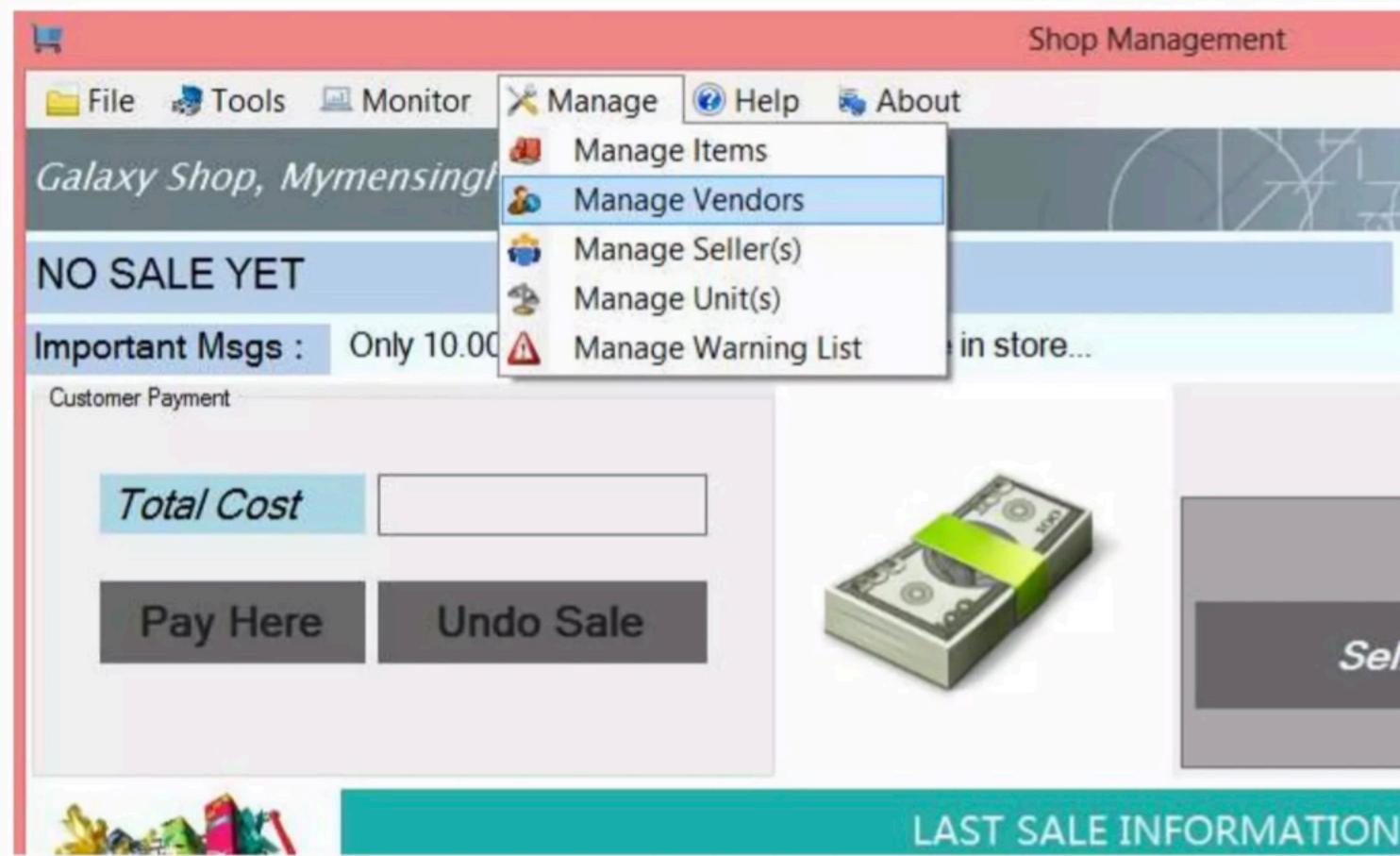

LAST SALE INFORMATION

Amount	No Sale Yet	Seller	No Sale Yet
Item Types	No Sale Yet	Payment Status	No Sale Yet
Voucher No.	No Sale Yet	Time	No Sale Yet



❖ Managing Vendors

First work of admin is to add, delete or modify Vendors of items.





❖ Managing Vendors

In this window, admin can add new vendor, modify existing vendors information and can delete if need. Search Field helps to find the vendors easily.

Manage Vendor

Specify Here Vendor Details

Name	*	<input type="text"/>	Phone	*	<input type="text"/>
Address	*	<input type="text"/>	E-mail	*	<input type="text"/>
City	*	<input type="text"/>	Website		<input type="text"/>

Find Vendor Total Vendors 11

Last Inserted Vendor

	vendor_name	address	city	phone	email	website
▶	HP	13/1 Mirpur	Mymensingh	0170000000	info@hp.com	www.hp.com
	ACER	14/6 Mirpur	Dhaka	0190000000	info@acer.com	www.acer.com
	LENOVO	15/3 Mirpur	Chittagong	0180000000	info@lenovo.com	www.lenovo.com
	GIGABYTE	15/1 Banani	Dhaka	0180000000	info@gigabyte.com	www.gigabyte.com
	Nokia	Mirpur, Dhaka	Dhaka	01722111333	info@nokia.com	www.nokia.com
	Samsung	china	china	0112234511	saiful@gmail.com	www.samsung.com
	ASUS	Banani, Dhaka	Dhaka	01711999999	info@asus.com	www.asus.com
	Umar	Chorpara, Mymens...	Mymensingh	01722333333	umar@yahoo.com	www.umar.com
	PONDS	Savar	Dhaka	01711889999	ponds@yahoo.com	www.pondsbd.com
	RADHONI	Savar, Dhaka	Dhaka	01722333333	info@radhoni.com	www.radhoni.com
*	FuWang	Gazipur Sadar	Gazipur	01711333333	fuwang@yahoo.com	www.fuwang.com



❖ Managing Items

In this window, admin can add new item, modify existing item's information and can delete if need. Search Field helps to find the items easily.

Manage Item (s)

Specify Here Vendor Details

Name	* Galaxy S IV	Purchase Price	* 34000.00
Vendor	* Samsung	Sale Price	* 40000.00
Unit	* Set	Barcode	gdgdfgdg

RESET

Find Item Total Items 10

Add Update Delete Last Inserted Item

	item_name	vendor_name	unit_name	purchase_price	sale_price	barcode
▶	Probook 440	HP	piece	35000.00	40000.00	wqewqeqwe
▶	Lumia 620	Nokia	Set	20000.00	25000.00	wqewqeqwe
▶	Lumia 1020	Nokia	Set	25000.00	32000.00	wqewqeqwe
▶	Mouse	ACER	piece	400.00	500.00	wqewqeqwe
▶	Galaxy S IV	Samsung	Set	34000.00	40000.00	gdgdfgdg
▶	Flash Pen Drive 16...	ASUS	piece	400.00	550.00	fjfjfjfjfjf
▶	Laddo	Umar	piece	3.00	5.00	eyeryery
▶	Note 3	Samsung	Set	50000.00	57000.00	asdfgh
▶	Cold Cream	PONDS	piece	20.00	23.00	eyeryerysefe
▶	Biscuit	FuWang	KG	100.00	120.00	dfdfdfdfdfdf
*						

OK



❖ Managing Items

It also shows last inserted item.

Manage Item (s)

Specify Here Vendor Details

Name	* <input type="text" value="Lumia 1020"/>	Purchase Price	* <input type="text" value="22000.00"/>
Vendor	* <input type="text" value="Nokia"/>	Sale Price	* <input type="text" value="24000.00"/>
Unit	* <input type="text" value="Set"/>	Barcode	<input type="text" value="wqewqeqwe"/>

Find Item

Total Items 11

Last Inserted Item Lumia 1020

	item_name	vendor_name	unit_name	purchase_price	sale_price	barcode
▶	Probook 440	HP	piece	35000.00	40000.00	wqewqeqwe
	Lumia 620	Nokia	Set	20000.00	25000.00	wqewqeqwe
	Lumia 1020	Nokia	Set	25000.00	32000.00	wqewqeqwe
	Mouse	ACER	piece	400.00	500.00	wqewqeqwe
	Galaxy S IV	Samsung	Set	34000.00	40000.00	gdgdfgdg
	Flash Pen Drive 16...	ASUS	piece	400.00	550.00	fjfjfjfjfjf
	Laddo	Umar	piece	3.00	5.00	eyeryery
	Note 3	Samsung	Set	50000.00	57000.00	asdfgh
	Cold Cream	PONDS	piece	20.00	23.00	eyeryerysefe
	Biscuit	FuWang	KG	100.00	120.00	dffdfdfdfdfdf
*	Lumia 1020	Nokia	Set	22000.00	24000.00	wqewqeqwe





❖ Managing Sellers

In this window, admin can add new seller, modify existing seller's information and can delete if need. Search Field helps to find the seller easily.

Manage Seller

Specify Here Seller Details

Name *	Saiful	Phone *	01725381302
Address *	Savar, DHAKA	E-mail *	saiful11@yahoo.com

RESET

Find Seller

Total Sellers 3

Last Inserted Seller

Add Update Delete

seller_name	address	phone	email
Shoaib	Valuka, MN	01676561330	s@yahoo.com
Saiful	Savar, DHAKA	01725381302	saiful11@yahoo.com
Saad	KG	01742135499	saad@yahoo.com
*			

OK



❖ Managing Unit

In this window, admin can add new unit of Item, modify existing unit information and can delete if need. Search Field helps to find the unit.

Manage Unit(s)

Specify Here Unit Details

Unit *

Find Unit

Total Units 6

Last Inserted

	unit_name
▶	piece
	Meter
	Set
	Litre
*	
*	
*	



❖ Managing Warning List

In this window, admin can set information about the storage capacity to generate messages for each product.

ManageWarningListUI

Manage Warning List

Total Item (In Store) : ----- Have Warning : ----- At Critical Stage :

Settings Critical Items Warning Items

Search Item

	warning_state	item_name	vendor_name	warning_level	critical_level	current_weight
▶	<input checked="" type="checkbox"/>	Probook 440	HP	10	5	6.00
	<input checked="" type="checkbox"/>	Lumia 620	Nokia	10	5	0.00
	<input checked="" type="checkbox"/>	Lumia 1020	Nokia	71	35	0.00
	<input checked="" type="checkbox"/>	Mouse	ACER	10	5	0.00
	<input checked="" type="checkbox"/>	Galaxy S IV	Samsung	10	5	0.00
	<input checked="" type="checkbox"/>	Flash Pen Drive 16GB	ASUS	10	5	0.00
	<input checked="" type="checkbox"/>	Laddo	Umar	10	5	0.00
	<input checked="" type="checkbox"/>	Note 3	Samsung	10	5	0.00
	<input checked="" type="checkbox"/>	Cold Cream	PONDS	10	5	23.00
	<input checked="" type="checkbox"/>	Biscuit	FuWang	10	5	10.00
	<input checked="" type="checkbox"/>	Lumia 1020	Nokia	10	5	0.00

Save Cancel



❖ Purchasing Items

In this window, admin can purchase new items for shop.
Just select the item and Quantity of it.

Purchase Products ×

Stock Products

Date	16 November 2015 ▼
Product Name	Probook 440 ▼
Vendor Name	HP
Quantity	piece 5
Purchase Amount	233000

Save Cancel



❖ Stock Monitor

This feature tell the seller/admin about the quantity available of items to sell.

The screenshot shows a Windows application window titled "StockMonitorUI". At the top left is a search bar labeled "Find Item" with a "RESET" button. Below the search bar, the text "The Vouchers of Sales" is displayed. A table follows, with columns: ITEM NAME, VENDOR NAME, UNIT NAME, and AVAILABLE QUANTITY. The table lists various items with their respective vendor names and unit measurements, along with their available quantities. The row for "Biscuit" is currently selected, highlighted with a blue background.

	ITEM NAME	VENDOR NAME	UNIT NAME	AVAILABLE QUANTITY
▶	Biscuit	FuWang	KG	10.00
	Cold Cream	PONDS	piece	23.00
	Flash Pen Drive 16GB	ASUS	piece	0.00
	Galaxy S IV	Samsung	Set	0.00
	Laddo	Umar	piece	0.00
	Lumia 1020	Nokia	Set	0.00
	Lumia 1020	Nokia	Set	0.00
	Lumia 620	Nokia	Set	0.00
	Mouse	ACER	piece	0.00
	Note 3	Samsung	Set	0.00
*	Probook 440	HP	piece	6.00



❖ Sell Items

This window is used to sell items.

It has seller name automatically taken from the login information.

When selecting item for selling, its corresponding data ie, unit, Available quantity to sell, Selling price has been displayed.

The ADD button add the item to the selling items list. The delete can remove it.

Total cost show the total cost of the items.



❖ Sell Items

Sale Item (s)

Enlisted Products					
	Item	Quantity	Unit	Sale Price	Cost
▶	Biscuit	3.5	KG	120	420
	Cold Cream	5	piece	25	125
*	Probook 440	2	piece	39500	79000
*					

Choose Products For Sale

Date	03 October 2015
Seller	Saad
Item	Probook 440
Mesurement Unit	piece
Sale Quantity	2
Available In Store (----)	8.00
Sale Price	39500
Customer Name	Shahadat
Customer Address	Valuka, Mymensingh
Customer Contact	01722675112

RESET

TK 79545



Generating Invoice

INVOICE					
Galaxy Shop, Mymensingh 11 C.K. Ghosh Road, Mymensingh, Bangladesh. Tel : 09121212 Mob : 01712777999 FAX : 880-02-1234567 Email : galaxy@outlook.com Reference Name :			Invoice No. 63579283356999	Date & Time 01-Oct-2015 8:02:39 am	
			Salesman : Saad	Invoice No. 63579283356999	
			Customer Name : Shahadat	Contact No. : 01722675112	
			Address : Valuka, Mymensingh		
SL	PRODUCT	QTY	UNIT	RATE	AMOUNT
1	Biscuit	3.50	KG	120.00	420.00
2	Cold Cream	5.00	piece	25.00	125.00
3	Probook 440	2.00	piece	39,500.00	79,000.00
Total Amount					TK 79,545.00
Discount Amount					0.00
VAT					0.00
Net Payable Amount					TK 79545.00
Received by _____			Sold by _____		
Customer's Signature			Salesman's Signature		



❖ Payment Area

Here, Seller receive money from the Buyer of the products.
The cost will be showed automatically.

‘PAY HERE’ confirms the payment and Save database to
be commit .

‘UNDO SALE’ will rollback the database, and the status of
The software.



❖ Payment Area

Customer Payment

Total Cost 81000

Pay Here Undo Sale



A screenshot of a payment interface titled "Customer Payment". It shows a total cost of "81000". There are two buttons: "Pay Here" and "Undo Sale". To the right is an illustration of a brown money bag with a dollar sign and two stacks of gold coins.



❖ LAST SALE INFORMATION

This option shows the Last Sale Information.

- Amount
- Seller Name
- Item Types
- Payment Status
- Voucher No.
- Time



❖ LAST SALE INFORMATION



LAST SALE INFORMATION

Amount	81000 TK	Seller	Saad
Item Types	2	Payment Status	NO
Voucher No.	63553877640282	Time	06:54:00 AM Dec 11, 2014





❖ LAST SALE INFORMATION

If the seller click on the ‘PAY HERE’ Button, The ‘Payment Status’ Is updated to ‘YES’.

IF click on ‘UNDO SALE’ , the **LAST SALE INFORMATION** shows previous status.



❖ LAST SALE INFORMATION

PAY HERE



LAST SALE INFORMATION

Amount	81000 TK	Seller	Saad
Item Types	2	Payment Status	YES
Voucher No.	63553877640282	Time	06:54:00 AM Dec 11, 2014



UNDO SALE



LAST SALE INFORMATION

Amount	No Sale Yet	Seller	No Sale Yet
Item Types	No Sale Yet	Payment Status	No Sale Yet
Voucher No.	No Sale Yet	Time	No Sale Yet



❖ STATUS BAR

NO SALE YET

PAY ME NOW

I AM READY FOR NEXT SALE



❖ SEARCH SALE HISTORY

It will show the previous sale information with voucher.

The list of items sold in the voucher is also will be displayed,
When click on the row of the first window



❖ SEARCH SALE HISTORY

Search Sale Information

Find A Voucher (Use Contact No.)

The Vouchers of Sales

	INVOICE NO.	CUS MOBILE	CUS NAME	CUS ADDRESS	PAYMENT	DATE & TIME
▶	63579294441872	01722675117	Mojahid	Mymensingh	120000.00	15/10/2015 11:07 AM
▶	63579294231740	01722675112	Shahadat	Valuka, Mymensingh	79545.00	03/10/2015 11:03 AM
▶	63576701077900	01722675123	Aftab	Mymensingh	160000.00	08/09/2015 10:44 AM
*						

Details Information Of Voucher

	ITEM NAME	VENDOR	QUANTITY	UNIT	AMOUNT
▶	Biscuit	FuWang	3.50	KG	420.00
▶	Cold Cream	PONDS	5.00	piece	125.00
▶	Probook 440	HP	2.00	piece	79000.00
*					



❖ Summary Tab of selling

It will show all such information :

- Total consumer in a day
- Total Selling Amount
- Maximum Sold Item & it's amount
- Most Item Seller & Transaction



❖ Easy Access Button

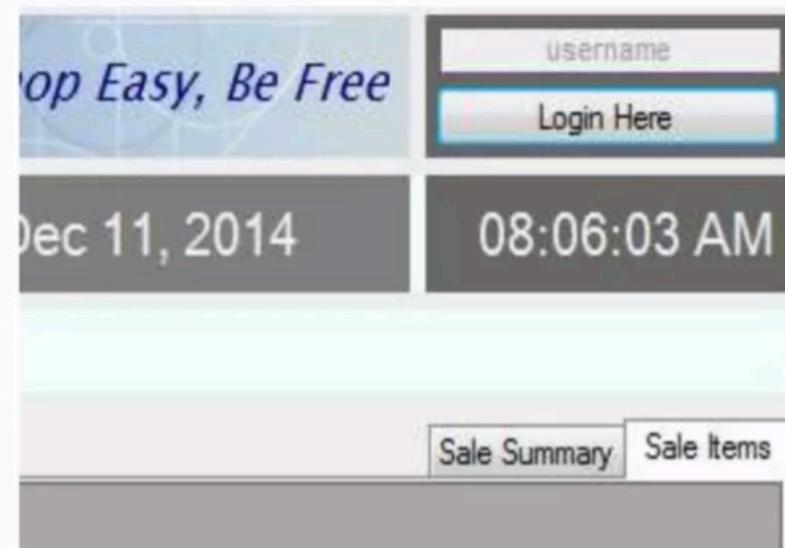
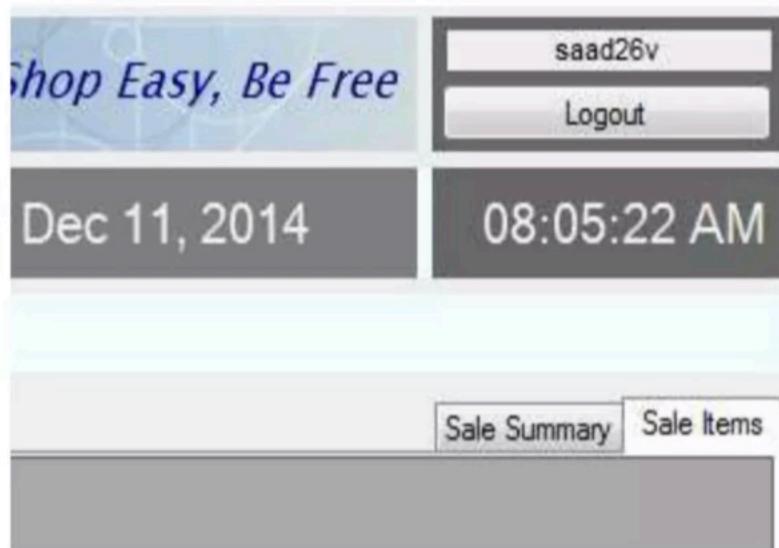




❖ Easy LOGIN/LOGOUT option

There is easy option to login and logout in Main window.

It requires no restart of the software





❖ IMPORTANT MESSAGES

This option will show messages like headlines about the stock.

Only 3 HP 440s is rema

Only 3 HP 440s is remained in the

Only 3 HP 440s is remained in the store. Buy Now. It is the Maximum Sold Prod

Only 3 HP 440s is remained in the store. Buy Now. It is the Maximum Sold Product Today..

I AM READY FOR NEXT SALE

Thursday, Dec 11, 2014

Important Msgs : Only 3 HP 440s is remained in the store. Buy Now. It is the Maximum Sold Product Today.....

Customer Payment

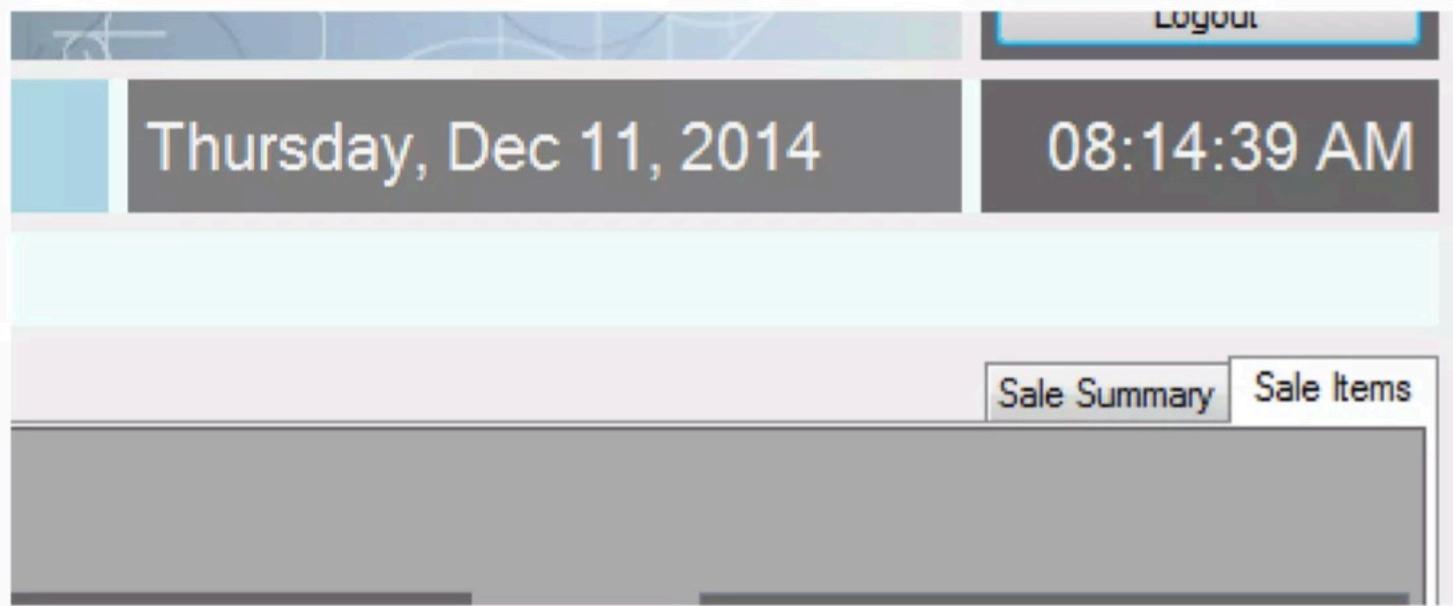
Total Cost





❖ TIMER LABEL

This Label shows Current Date & Time like Digital Watch.





Experience

Throughout the entire project we have learned:

- Programming skill, system design skill, and Software Development Model.
- How Create a Software Combining small programs



Future plan

In future, our aim to develop it for maintain a shopping market in actual field and extends the system with Credit Card and Laser Product Detection System



Conclusion

- This software is successfully done to maintain a shop's transaction.
- The project is completed that follow the Incremental Model.



Reference

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- Pro C# 5.0 and the .NET 4.5 Framework
by Andrew Troelsen
- Stackoverflow.com
- Tutorialspoint.com



THE END