

PROLESSONS SOFTWARE ENGINEERING COMPANY

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PROPOSAL TO DEPLOY POINT OF SALES SOFTWARE



Prepared By:

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Description:

proLessons Technology is a Software Engineering company dedicated to providing:

- Research and Development: Software development and Engineering training School.
- Hotel Solutions, Management and Services.
- Supermarket Solutions, Management and Services.
- Hospital Solutions, Management and Services.
- Education Solutions, Management and Services.
- HR Solutions, Management and Services.
- Pharmaceutical Solutions, Management and Services.
- Business Accounting Software.
- Online Exams(CBT)
- Web application design
- Database management
- Other Desktop application designs
- Hotel Booking and Reservation System.
- Account Management System for Schools
- Result Computation and analysis for Schools
- Online Book Store
- Retail/Wholesale Store Management Software
- Point of Sale
- <u>State Government Schools Portal</u>
- Portfolio website

INTRODUCTION TO POINT OF SALES SOFTWARE

This Software tracks, manages and organises stock levels, orders, sales and deliveries. Its is a tool for organising inventory data that was generally stored in hard-copy form or spreadsheets.

You will know your business performance through reports generated. Too keep high sales, you must track top-selling and slow moving goods.

Retail management ties in closely with accounting since all sales, time and date of sales, and profit made are recorded using this system.

Without a clear view of your goods from initial receipt to sales date, your company's largest asset could be loosing money. The key to an efficient and profitable business is total visibility into the stock process from start to finish and management tools to help you maintain optimal stock levels year-round.

Why our stock management system?

- 1. User friendly and no requirement for basic education to operate.
- 2. Checking of too much stock and too little stock.
- 3. It will track the most sold items. This will help you know the product on high demands.
- 4. It will track the least sold items. This will help you know the product on low demands
- 5. It will track dormant items. This will help you know the stock to stop purchasing.
- 6. It will help you order stock in the right quantities at the right time so that you will never over or under stock.

- 7. Cost saving since it helps cut expenses by minimizing the amount of unnecessary products in storage. It also helps keep lost sales to a minimum by ensuring there is enough stock on hand to meet demand.
- 8. More productivity and less time wasted looking for missing items or tracking things by hand.
- 9. It will help you organise your warehouse and help track items moved in and out of it.
- 10.It tracks sold products, time of sales, profits made
- 11.It provides data on stock conditions in real time.
- 12.It generates receipt for customers.

Summary of Features:

- Data Security and Backups
- Real Time Updating
- Warehouse Organisation
- Billing and Receipt Generation
- Bar Code Scanning and Creation
- Low Stock Notification
- Report and Analytics
- Sales Chart
- Email to Clients
- Record Keeping
- Inventory Management
- Automated Accounting
- Book Keeping
- Inventory Forecasting
- Inventory Alerts
- Staff/Users Bio-data

Technologies Used:

C# and MSSQL Server

SYSTEM MODULES AND THEIR FUNCTIONALITIES



Fig 1.0 MULTIPLE USERS LOGIN

The User login page is used to track Name, time and date logged in by software users. With this, the admin will properly monitor workers activities and be the only one authorised to access detailed information on the software.



ADMIN DASHBOARD

Fig 1.1 Admin Dashboard

This Module is only accessed by the manager. Here, the manager will be able to monitor daily, weekly, monthly, quarterly, bi-annual and yearly sales. Other records like total stock, new stock, finished stock, low stock is viewed at a glance.

The system throws notifications to alert the admin of low stock and finished goods. The manager can also predict market trends through the tracking of most sold items and least sold items with the graphs attached. The **Manage Expenses** module as seen in fig 1.2 is used to keep record of expenses incurred in the retail store which will automatically be summed up and subtracted from gain made to show if the retail shop is making progress. This can be shown in the **Account Summary** module shown in fig 1.3.

			SearchByD	hate			
DashBoard		Date		. 7 December 2020	-	Amount	
	Exper	se Type				Transaction By	Uju Amaka ~
Manage Users							Oju Allaka
WareHouse					O UPDAT		9 DELETE
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Account Summary	1	00/12/2	020	reeding		5000	roungemelex
Sales Analysis							
Reports							
Contacts							
Hake Sales							
C Settings							

Fig 1.2 Manage Expenses

				StartD	ate Saturday .	28 November 2020	
MODILESTORE				EndDa		6 December 2020	VIEW
				Chabe	Sunday ,	6 December 2020	
COME ADMIN YoungEmele	INCOM	E FROM SAL	ES				
DashBoard		ProductName	1. 20.020.00	CostPrice	SalesPrice	1	
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Manage Caera	-	Teono Batter	2	3	6	TOTAL CP	6593
WareHouse		tecnoX3	2	100	200	TOTAL SP	12386
Define Products		infinix45	2	90	180	TOTAL PROFIT	
Denne Products		Itel5	3	1000	3000		5793
Move To Store						TOTAL EXPENSES	5000
Manage Expenses						BALANCE	7386
Account Summary						PROFIT AT HAND	793
Sales Analysis	EXPEN	ISES					
Sales Analysis		ExpensesType	Amount			1	
Reports	F	Feeding	5000				
Contacts							
Make Sales							
Settings							

Fig 1.3 Account Summary Modules

The **Contacts Module** is used to keep phone no. and emails of suppliers, regular customers, staff etc. if necessary.

The **Settings** module is used to reset, backup and restore database. This is necessary in case of hardware failure or system format.

MODELESTORE			
LCOME ADMIN YoungEmole		RESET SALES DETAILS	RESET SALESUPDATE
DashBoard			
Manage Users	Open Backup Folder	RESET STORE ITEMS	RESET WAREHOUSE
WareHouse	Open Bak	BACK UP DATABASE	RESTORE DATABASE
Define Products	Folder		
Move To Store			
Manage Expenses			
Account Summary			
Sales Analysis			
Reports			
Contacts			
Make Sales			
Settings			

Fig 1.4 Settings

The **Sales Module** as shown below is accessible to both the admin and sales agent. From here, all items to be sold are selected and their quantities are deducted from the quantity of the Items in store. The prices are computed automatically from the quantity entered. It gives room to auto listing and auto searching of items in store. A receipt is generated at the end of the day as seen in fig 1.7 and record of sales saved.

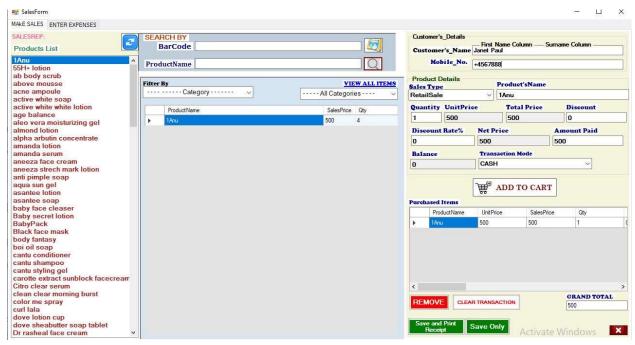


Fig 1.5 Sales Modules



245 Zlk Avenue Near St Falth CathederalAwka Anambra State

mobile:08165155246 gmall: youngemelex@gmall.com

Payment Receipt

Sales Date:	12/09/202 2:50:44 A		
Attendant:	Uju Amak	a	
Purchased Item	Qty	Unit Price	Total Price
Lenovo	1	120000	120000
Lenovo Charger	1	7000	7000
Itel5	3	1000	3000

Total Amount:

130000

Fig 1.6 Printed Receipts

SALES ANALYSIS MODULE

MOBILESTORE	Refresh Stock Account Back SALES REPORTS BY DA SALES SUMMARY BY D MOST SOLD ITEMS BY LEAST SOLD ITEMS BY	TES ^ ATE DATE	StartDate Saturda	ıy. April 2,2022		CLICK TO VIEW BET	WEEN
DashBoard	DORMANT ITEMS BY D		EndDate Monda	y . November 27, 2023			
Dashboard	ProductName	QtySold	PurchasePrice	SalesPrice	Discount	NetSales	Gain
Users	1Anu	46	13800	23000	0	23000	9200
	55H+ lotion	4	48000	24000	0	24000	-24000
WareHouse	acne ampoule	1	12000	6000	0	6000	-6000
	aleo vera moisturizin	1	12000	6000	0	6000	-6000
Move To Store Make Sales							

Fig 1.7 Sales Analysis Modules

The **Sale Analysis Module** as shown above is used to analyse sales between dates. For instance, you want to know how much you made or sold from 3 Nov. to 31 Dec. You can also analyse gain made, least sold items, most sold items, sales report, dormant items and total amount made between dates and export to excel or pdf.

REPORT MODULE

	RATE SALES REPORTS F	EndDate	Monday , 7	December 2020	VIEW
i≪ ≪ 1	of 1 🕨 📄 🔿 🤇				Find Next
		245 Zik Avenue Nea CathederalAwka An	ambra State		
	Sales Date	Product Name	Qty	Sales Price	
	11/28/2020 12:11:45 PM	infinix	1	900	
	11/28/2020 12:11:45 PM	Tecno Batter	2	6	
	11/28/2020 12:11:45 PM	tecnoX3	2	200	
	11/28/2020 12:13:30 PM	infinix	2	1800	
			2	180	
	12/2/2020 11:31:53 PM	infinix45	~		
	12/2/2020 11:31:53 PM 12/2/2020 11:31:53 PM	Itel5	3	3000	
		Contract Contraction	225	3000 900	
	12/2/2020 11:31:53 PM	Itel5	3		
	12/2/2020 11:31:53 PM 12/6/2020 6:04:10 AM	Itel5 infinix	3	900	
	12/2/2020 11:31:53 PM 12/6/2020 6:04:10 AM 12/6/2020 6:04:10 AM	Itel5 infinix infinix	3 1 1	900 900	

Fig 1.8 Report Modules

A report is generated and sent to the manager in a pdf or excel format. This will enable the manager or owner to monitor the retail store from any part of the world.

Manage Product MODULE

AddProducts																	1000	0
Product Category ADD MULTIPLE PRODUCTS	Manage Single	Product	UPDAT	E SINGLE	PRODU	CT Imp	ort From	n Excel										
	Produc	Catego	Unit	ShelfNo	Purcha	SalesP	Qty	EntryDa	LastUp	Moved	ld	BarCod	LowSto	Supplie	Supplie	Supplyl	WholeS	Whole
	► 1Anu	Cream	Cart	3	300	500	4	8/6/2	8/7/2		2907		3	Uju	09090	8/6/2	1500	
Refresh	55H	body	pair	1	12000	6000	46	9/22/	8/7/2		2768	0	1					
ADD NEW PRODUCTS TO SHOP	ab b	scrub	pair	1	12000	6000	100	9/22/	8/7/2		2793	0	5					
	abov	hair	pair	1	12000	6000	5	9/22/	9/22/		2871	0	1					
Product Category Search By Category	acne	face	pair	1	12000	6000	4	9/22/	9/22/		2845	0	1					
Battery ~	activ	soap	pair	1	12000	6000	10	9/22/	9/23/		2881	0	1					
Product Name	activ	body	pair	1	12000	6000	5	9/22/	9/22/		2801	0	1					
	age	body	pair	1	12000	6000	5	9/22/	9/22/		2794	0	1					
BarCode	aleo	body	pair	1		6000	2		9/22/		2777	0	1					
	almo	body	pair	1		6000	5	9/22/	the second s		2877	0	1					
Supplier's Name	alph	serum	pair	1		6000	-2		9/22/		2834	0	1					
	ama	body	pair	1	INCONSCIENT.	6000	10	9/22/	THE CONTRACTOR OF THE PARTY OF		2836	0	1					
Supplier's Contact (Mobile/Address/Email/Website)	ama	serum	pair	1		6000	5		9/22/		2837	0	1					
	anee	face	pair	1		6000	5		9/22/		2876		1					
Supply Date	anee	body	pair	1		6000	4		9/22/		2887	0	1					
Monday , November 27, 2023	anti	soap	pair	1	International Additional Addition	6000	3	100000000000000000000000000000000000000	9/22/		2867	10000	1					
Product Unit	aqua	face	pair	1		6000	3		9/22/		2853	0	1					-
Cartons ~	asan	body	pair	1		6000	4		9/22/		2850	0	1					
Retail Purchase Price Retail Sale Price	asan	soap	pair	1		6000	3		9/22/		2849	•	1	_		_		
0 🗧 0 🔤	baby	face	1. C.	1	INCOMPACTOR OF L	6000	5	Contraction of the local distance	9/22/		2822	1251	1					
WholePurchase Price WholeSale Price	Baby	body	pair	1		6000	3		9/22/		2767	0	1	_	_	_		
0 2 2	Baby	Cream	Doze	2		4000	9		9/24/		2905		10			_		
Shelf No. Stock Quantity Low Stock Alert	Blac	face	pair	1		6000	3		9/22/		2772	0	1			_		
0 🗘 0 🗘 0	body	perfu	(and the second s	1	The second second	6000	5		9/22/		2891	12	1					
	boi o		pair	1		6000	1	benefit and a second second	9/22/		2858	0	1	_	_	-	_	-
SUBMIT CLEAR UPDATE DELETE	cant	hair	pair	1		6000	5	9/22/	9/22/		2789	0	1	A	ato Mi			

Fig 1.9 Manage Product Module

The **Manage Product Module** which is used to add, update and delete Items from store. From this module you can add multiple items like you do with excel spreadsheet.

Manage Warehouse Module

	Empty WareHou Dormant WareHouse	use Stock: 0+	ADD NEV	W PRODUCTS	TO WAREHO	USE		Total WareHouse Si <u>New WareHouse S</u> i	
ELCOME ADMIN YoungEmele	Product Category	Search By Ca Phone Charg			Purchase	Price	0		-
DashBoard	Product Name				Retail	Price	0		÷
Manage Users	Supplier				Stock Qua	antity	0		-
WareHouse	Product Unit			~			1		heimet
Define Products		SUBMIT	UF	PDATE	CLEAR	DE	LETE	MOVE TO S	STORE
Define Products Move To Store	ProductName						LETE		
Move To Store	ProductName		Supplier	PDATE PurchasePric		DE Qty 10	LETE	MOVE TO S EntryDate 27/11/2020	STORE LastUp
Move To Store	tecno s9	Category	Supplier mr ibu	PurchasePric	RetailPrice	Qty	LETE	EntryDate	LastUp
Move To Store	▶ tecno s9 infinix	Category Phone Cha	Supplier mr ibu mr Jude	PurchasePric 456	RetailPrice 890	Qty 10	LETE	EntryDate 27/11/2020	LastUp 04/12/2
Move To Store Manage Expenses	▶ tecno s9 infinix infinix45	Category Phone Cha Phone Cha	Supplier mr ibu mr Jude mr John	PurchasePric 456 500	RetailPrice 890 900	Qty 10 5	LETE	EntryDate 27/11/2020 27/11/2020	LastUp 04/12/2 27/11/2
Move To Store Manage Expenses Account Summary	▶ tecno s9 infinix infinix45	Category Phone Cha Phone Cha Phone Cover	Supplier mr ibu mr Jude mr John	PurchasePric 456 500 789	RetailPrice 890 900 90	Qty 10 5 35	LETE	EntryDate 27/11/2020 27/11/2020 27/11/2020	LastUp 04/12/2 27/11/2
Move To Store Manage Expenses Account Summary Sales Analysis	▶ tecno s9 infinix infinix45	Category Phone Cha Phone Cha Phone Cover	Supplier mr ibu mr Jude mr John	PurchasePric 456 500 789	RetailPrice 890 900 90	Qty 10 5 35	LETE	EntryDate 27/11/2020 27/11/2020 27/11/2020	LastUp 04/12/2 27/11/2

Fig 2.0 Manage Product Module

The **Manage Warehouse Module** is same as the manage product module but you are managing Items in your warehouse this time. From here, you can move items to store.

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BUSINESS CONSIDERATIONS

- Scalable to accommodate growing and changing usage requirements.
- Equipped to handle digital authorization and controlled access to information using best security and authentication methods. Users are restricted to authorizes access level and strict rules are followed.
- Simple and easy to navigate through menus.
- Reduction in cost, time and complexity.

IMPLEMENTATIONS APPROACH AND TIME FRAME

This Hotel Management/Accounting Software is best deployed for a server based computer system where the server controls all the attached clients via intranet connection.

STAFF TRAINING AND PROJECT MANAGEMENT

The staff of your organisation will be trained on how best to use and manage the software by our deployment team to ensure a speedy and smooth implementation.

OUR OFFER

We give 3 - 6 months of free trial. After the period of free trial, full deployment follows if the clients was satisfied and assured of efficiency during the trial stage.

PRICE:

An annual payment of \aleph 50, 000 – \aleph 100, 000 depending on the size of data managed.

OUR COMMITMENT

With our team of highly trained, experienced, young and qualified technophiles that have deployed several solutions across the nation, installation, testing and integration is guaranteed at 100% efficiency.

While wishing you a rewarding experience with the company, we look forward to your invitation to practically present the software and concretize the proposal.

Yours faithfully,

proLessons Technology

Chiemelie Emekpo,

Software Engineer