

Geschäfts 4.0 is a raw material sourcing, production chain and sales inventory management software program, developed by a team of Computer Scientists of Computer Science for Economics, Romanian American University, Bucharest) ably led by UGWU, Celestine Anyaegbunam, in conjunction with a few professionals from the International Business department of the University. The primary aim is to enhance business monitoring for easy material sourcing, production and sales amidst COVID-19 pandemic, and thereby reducing avoidable human contacts.

HOW IT WORKS

1. RAW MATERIAL INVENTORIES

- Keeps track of raw materials stocks in the warehouse;
- Raw material personnel raise a PURCHASE ORDER;
- Checked by a raw material supervisor;
- Evaluated and Approved by the General manager/CEO; and also directs the accounts department on the mode of PURCHASE payment.
- Accounts, then releases the money.
- Raw Material arrival confirmation, and warehouse gets updated.

2. PRODUCTION INVENTORIES

- Production engineers raise PRODUCTION REQUEST; and also, a request for RAW MATERIAL Required for production;
- Checked by respective supervisors, and approved by the management.
- After production process, a production confirmation automation is run, and the product received by the warehouse is automatically updated.
- The software auto calculates the cost of production.

3. SALES INVENTORIES

- i. Products stock figures are seen by the SALES department;
- ii. Sales are made, receipts and waybills are auto generated.
- iii. Payments are auto captured as follows:
 - ✓ Who is the customer?
 - ✓ How much is total due?
 - ✓ How much paid?
 - ✓ Any discounts given?
 - ✓ How did he pay (Cash or bank)?
 - ✓ If bank, which account?
 - ✓ Any balance?

4. ACCOUNTS AND REQUESTS

- i. **Funds Requests**
 - ✓ Under this, staff can request for LOANS, PETTY expenses,
 - ✓ Fuels, refunds for extra expenditures,
 - ✓ Approvals are made by the management,
 - ✓ and the accountant carries out a payout based on the payment media (Cash, or from a particular bank account).
- ii. **Non-Funds Requests**
 - ✓ Staff can apply for annual leave.
 - ✓ HOD looks at it and passes same to the management who takes final decision.
 - ✓ Prints out the decision for official use.

5. UTILITIES

- i. Machines registration (Machine details, cost and date of purchase, vendor, etc.).
- ii. This captures all machines daily usages.
- iii. Daily mileages (if applicable).
- iv. Daily running cost.

6. ROLE MANAGEMENT

CEO/GMD

- i. The CEO/GMD has the highest power. He determines and assigns who shall be what; he adds anyone to the role of HODs, and supervisors. He determines who should login, and what each user can do.
- ii. CEO has power to APPROVE and REVERSE Approvals.
- iii. CEO can configure the software to extend its functions to other branches of her business. Maybe, Nsukka branch, Abuja branch, Lagos branch. And he has absolute control over all branches at the same time.
- iv. He can register new users;
- v. He can monitor the activities of users;
- vi. He can register regular customers;
- vii. He can setup company bank accounts without revealing the actual account information;
- viii. He can manipulate ALL software settings such as:

- ✓ Let the software track the activities of all users.
- ✓ Let the software send Email to supervisors and to himself whenever a REQUEST is made.
- ✓ Let the software alert me when a product or raw material is getting out of stock.
- ✓ Let the software append electronic stamp to receipts and waybills, etc.

OTHER ROLE LEVELS ARE:

- I. Raw Supervisors,
- II. Raw Recorders,
- III. Production Supervisors,
- IV. Production Recorders,
- V. Accounts And Budget Supervisors,
- VI. Accounts And Budgets Recorders,
- VII. Head Of Departments,
- VIII. Ordinary Staff.

7. REPORTS

Geschäfts has a number of business reports ranging from

- i. Sales reports,
- ii. Raw Material Arrivals reports,
- iii. Raw materials request orders reports,
- iv. Raw materials Stock (Opening Stock/New Arrivals/Damages/Used/Closing Stock),
- v. Production Requests reports,
- vi. Production Reports (Opening Stock/New products/Damages/Sold/Closing Stock),
- vii. Production stock report,
- viii. Accounts Payouts reports,
- ix. Payout media (Details of payments and withdrawals from each registered accounts).
- x. Staff Requests Overview.

8. CONFIRM SLIP

- i. Every receipt or waybill can be easily confirmed at the gate or anywhere in the company to ascertain its originality.
- ii. All papers generated using this software are identified with a unique set of numbers called TID. TID can be scanned using barcode or simply type in the numbers into a space provided to confirm the originality and transaction status.

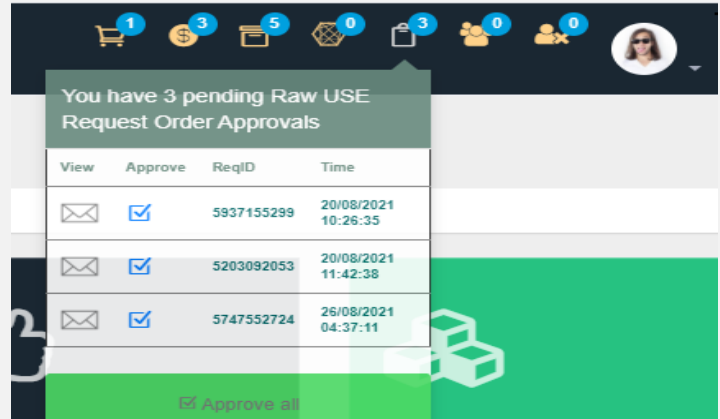
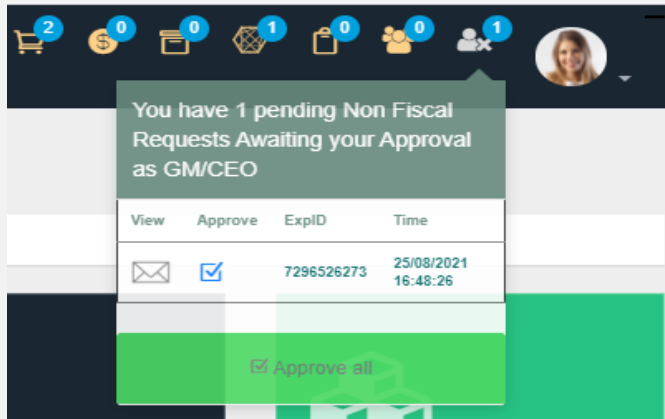
MAJOR BENEFITS

- i. Theft detection within hours;
- ii. Company integrity;
- iii. Advanced stock management;
- iv. Elimination of financial frauds;
- v. Robust and secured business database system;
- vi. Working smarter, and making more profits with a smaller number of staff;
- vii. Easy receipts and waybill check and control;
- viii. Easy account auditing.

FUTURE OF GESCHAFTS

Full implementation of an Artificial Intelligence system, AI-driven drone that can be flown around warehouses to take stock within minutes, and thereby detecting any pilfering as it happens.

MAJOR SOFTWARE INTERFACES YOU WILL SEE WHEN YOU LAUNCH GESCHAFT



McCain Software Limited
118 Abefemi Awolowo Road Ikeja
TID NO. 2599195843

05-Sep-2021

SALES INVOICE

S/No	Product Description	Qty	Unit	Unit Price (N)	Total Price (N)
1.	Bean Oil	1	Pcs	230,000	230,000
2.	Gala Meat Oil	1	Pcs	400	400
3.	Kedori Plantain	1	Pcs	2,000	2,000
4.	Terry Foods	1	Pcs	250	250
5.	Gala Meat Oil	1	Pcs	400	400
				Amt Due:	233,050
				Amt Paid:	230,400
				Discount:	
				Balance:	2,650

Amount Paid in Words (Two Hundred and Thirty Thousand, Four Hundred Naira)

CUSTOMER
+ s & brown Limited
SALES REPRESENTATIVE
- Veronica Ugwu
DATE: 05-Sep-21 12:28:27

SALES SUPERVISOR
Ejiro Sunday Wilson
AWAITING APPROVAL

PAYMENT REQUIRED

McCain Software Limited
118 Abefemi Awolowo Road Ikeja
TID NO. 3339896506

05-Sep-2021

RAW MATERIAL PROCUREMENT REQUEST ORDER

S/No	Raw Requested	Qty	Unit	Unit Price	Total Price
1.	Jabrata 400ml	15	Pcs	280	4200
2.	DIESEL	15	GALLONS	840	12600
3.	PETROL	20	GALLONS	660	13200
4.	Raw Debris	20	Packet	30000	600000
TOTAL					630,000

PAYMENT MEDIUM : Not Chosen Yet

AUTHORIZATION: I do hereby authorize a debit of Six Hundred and Thirty Thousand, Naira from the pay medium aforementioned for procurement of the raw material herein listed.

REQUEST DRAFTED BY
Mrs Veronica Ugwu
DATE: 05-Sep-21 12:45:13

SUPERVISOR
Okoye Kingsley M
AWAITING APPROVAL

DRAFT

McCain Software Limited
118 Abefemi Awolowo Road Ikeja
TID NO. 6786386122

19-Aug-2021

PRODUCTION REQUEST ORDER

S/No	Product Requested	Qty	Unit	Unit Price	Total Price
1.	Bean Oil	3	Pcs	230000	690000
2.	Kedori Plantain	6	Carton	100	600
3.	Terry Foods	5	Carton	2500	12500
TOTAL					703,100

REQUEST DRAFTED BY
Mrs Veronica Ugwu
DATE: 19-Aug-21 09:20:39

SUPERVISOR
Ejiro Sunday Wilson
AWAITING APPROVAL

DRAFT

McCain Software Limited
118 Abefemi Awolowo Road Ikeja
TID NO. 6647357629

19-Aug-2021

PRODUCTION REQUEST ORDER

S/No	Product Requested	Qty	Unit	Unit Price	Total Price
1.	Bean Oil	2	Pcs	230000	460000
2.	Kedori Plantain	20	Pcs	20	400
3.	Terry Foods	3	Carton	2500	7500
TOTAL					467,900

REQUEST DRAFTED BY
Mrs Veronica Ugwu
DATE: 19-Aug-21 12:50:52

SUPERVISOR
Ejiro Sunday Wilson
APPROVED

APPROVED



McCain Software Limited
118 Abefemi Awolowo Road Ikeja

SALES REPORT
05 September 2021

Sales Query Manager

Welcome to das Geschäfts Sales report query manager. You can dive deep into any details of sales, payments and expenditure analysis using Geschäfts.

The icons at the left hand side of this form are used to generate a wide range of sales reports such as
Daily Sales Summary
Weekly and periodic summaries
Monthly Sales summary



...Energy to business report system



McCain Software Limited

118 Abefemi Awolowo Road Ikeja
TID NO. 3581552681

21-Aug-2021

RAW MATERIAL PROCUREMENT REQUEST ORDER

S/No	Raw Requested	Qty	Unit	Unit Price	Total Price
1.	DIESEL	1	Litres	210	210
2.	Raw Debris	5	Packet	30000	150000
	TOTAL				150,210

PAYMENT MEDIUM : GTB/1051625704

AUTHORIZATION: I do hereby authorize a debit of *One Hundred and Fifty Thousand, Two Hundred and Ten Naira* from the pay medium aforementioned for procurement of the raw material herein listed.

REQUEST DRAFTED BY
Mrs Veronica Ugwu
DATE: 21-Aug-21 01:11:10

DISBURSED
By Mrs Veronica Ugwu
Date : 05-Sep-2021

SUPERVISOR
Okoye Kingsley M
APPROVED





McCain Software Limited
118 Abefemi Awolowo Road Ikeja

RAW STOCK ANALYSIS
05 September 2021

RAW MATERIAL STOCK SHEET SUMMARY AS AT - 05-SEP-2021

	RAW MATERIAL	OPENING STOCK	NEW INFLOW	RECORDED DAMAGES	USED (OUTFLOW)	BASIC UNIT	CLOSING STOCK	Item
1.	Akpaka	51				Pcs	51	
2.	Delivery Sulphur Phosphate VI Oxide	5				Pcs	5	
3.	DIESEL	139				Litres	139	
4.	Glossy					Pcs		
5.	Jabrata 400ml	16				Pcs	16	
6.	Maize	99				Pcs	99	
7.	Oka					Pcs		

...Energy to business report system



McCain Software Limited

118 Abefemi Awolowo Road Ikeja
TID NO. 4206210391

23-Aug-2021

EXPENDITURE AUTHORITY SLIP

EXPENDITURE DEFINITION I need transportation support to Aba Plant Inspection
CATEGORY Transportations
COST N 10,000
PAYMENT MEDIA ZENITH/1051625704

AUTHORIZATION

I do hereby authorize a debit of *Ten Thousand, Naira* from the pay medium aforementioned for the regular expenditure herein indicated.

REQUEST DRAFTED BY
Ejiro Sunday Wilson
DATE: 23-Aug-21 10:56:08

DISBURSED

By Mrs Veronica Ugwu
Date : 05-Sep-2021

Request Addressed to
ACCOUNTS / BUDGET SUPERVISOR
Okoye Kingsley M
APPROVED





McCain Software Limited
118 Abefemi Awolowo Road Ikeja

PAYMENTS MEDIA ANALYSIS
05 September 2021

PERIODIC PAYMENTS AND WITHDRAWALS FROM VARIOUS MEDIA BETWEEN 01-Aug-2021 and ending 31-AUG-2021

	PAYMENT MEDIA	NO. OF SALES PAYMENTS	TOTAL SALES PAYMENT(N)	NO. OF EXPENSES WITHDRAWALS	TOTAL EXPENSES (N)	NO. OF RAW PAYMENTS	TOTAL RAW PAYMENTS (N)	RMKS
1.	GTB/1051625704			1	510,000	2	17,850	
2.	ZENITH/1051625704	3	1,154,410	2	2,260,000	1	5,600	
3.	STERLING/0202177654	2	776,000					
4.	CASH	11	3,454,320			3	32,825	
	TOTAL	16	5,384,730	3	2,770,000	6	56,275	

...Energy to business report system

GESCHÄFTS

Dashboard

Raw Inventory

Products

Daily Utilities

Accounts

Reports

Home / PAYMENT PAYOUT REGISTER. TID: 4206210391

CONFIRM PAYMENT PAYOUT Okoye Kingsley M

AMOUNT N	PAY MEDIA	Transaction Source	Approved By (Supervisor)	Draft Generated By
10,000	ZENITH/1051625704	Expenditure	Okoye Kingsley M	Ejiro Sunday Wilson

NOTE

You are expected to click PAYOUT to indicate that you have given out the requested money as required.

CONFIRMED

Reverse

Update Remarks

Back

GESCHÄFTS

Dashboard

Raw Inventory

Products

Daily Utilities

Accounts

Reports

Product Setting

Home / APPROVAL FOR SALES ID 2297251688 SUBMITTED BY MRS VERONICA UGWU

SALES INFORMATION

S/No	PRODUCTS COLLECTION	QTY	UNIT	UNIT PRICE	TOTAL
1.	Bean Oil	5	Pcs	230000	1150000
2.	Kedori Plantain	1	Pcs	2000	2000
TOTAL					1,152,000

PAYMENT INFORMATION

CUSTOMER	PAID N	DISC N	PAY MEDIA
<input checked="" type="checkbox"/> James & brown Limited	1150000	0	Cash
TOTAL	1,150,000		BAL: 2,000

AWAITING APPROVAL

Approve

Reprint Receipt

Make Remarks

Hold

U G W U, Celestine Anyaegbunam
(Team Lead)
Romanian American University, Bucharest.
(+234 818 425 3622)