



PROJECT PRESENTATION

Bachelor of Computer Science
Computer Science Department
Shri Shivaji College, Parbhani.



POS SYSTEM

POINT OF SALE

www.github.com/abdulsattar0617/pos-system





CONTENT



01

WHAT IS POS

02

OUR TEAM

03

STRATEGY

04

CASHIER ROLE

05

ADMINISTRATOR ROLE

06

IMPROVEMENTS

POS...?



A point of sale (POS) is a place where a customer executes the payment for goods or services and where sales taxes may become payable.



A POS transaction may occur in person or online, with receipts generated either in print or electronically.



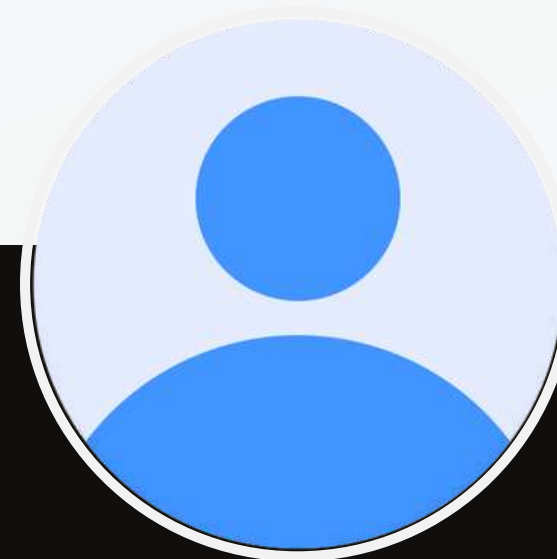
OUR TEAM



Abdul Sattar
Patel
Team Leader



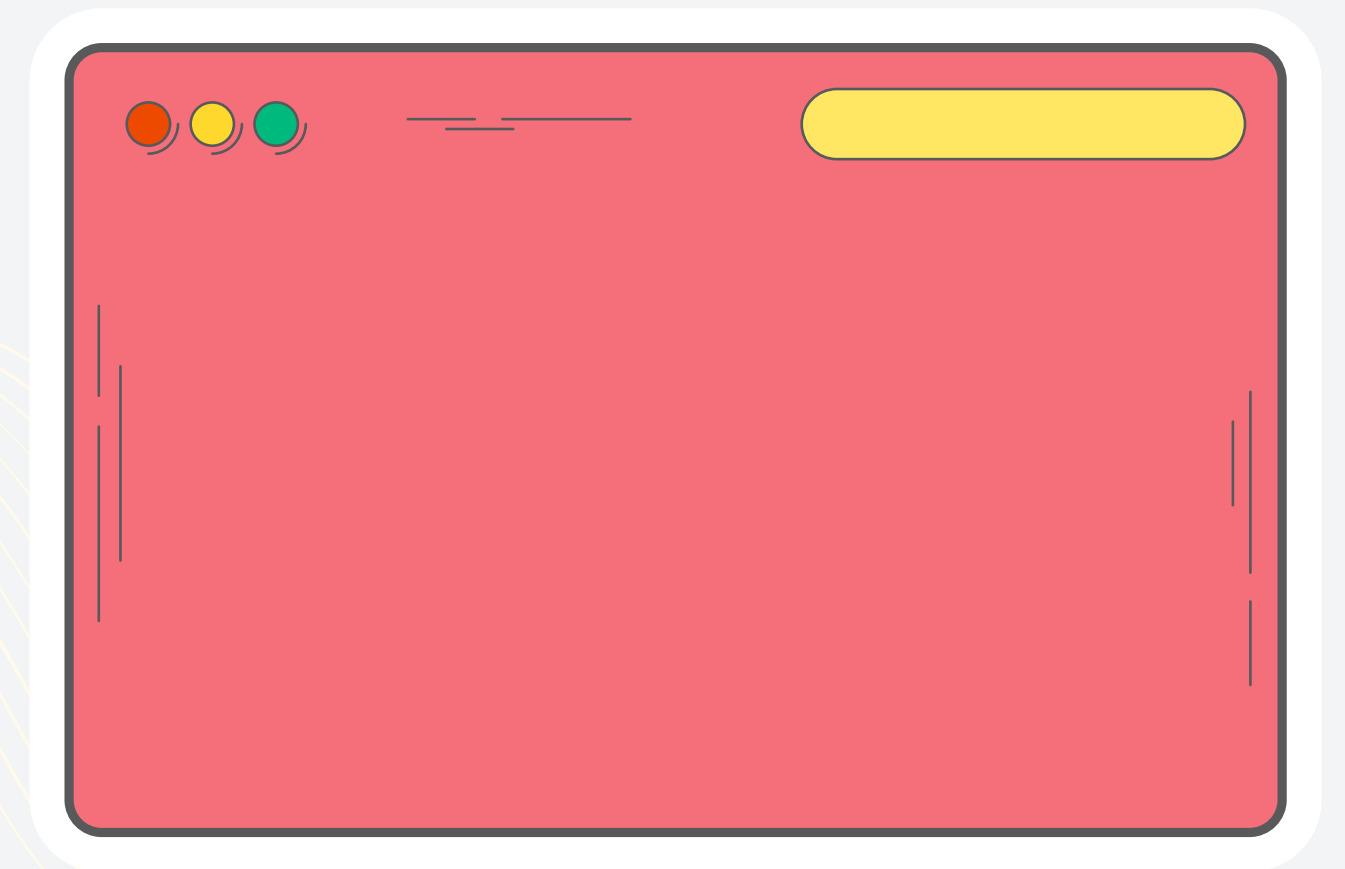
Om Balaji
Puri
Team member



Kunal
Deshmukh
Team member

STRATEGY

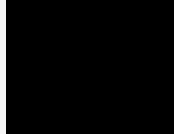
Both front-end and back-end is handled by C# programming language under Dot NET Framework. The SQL Server is used for Database.



THE FIRST SCREEN

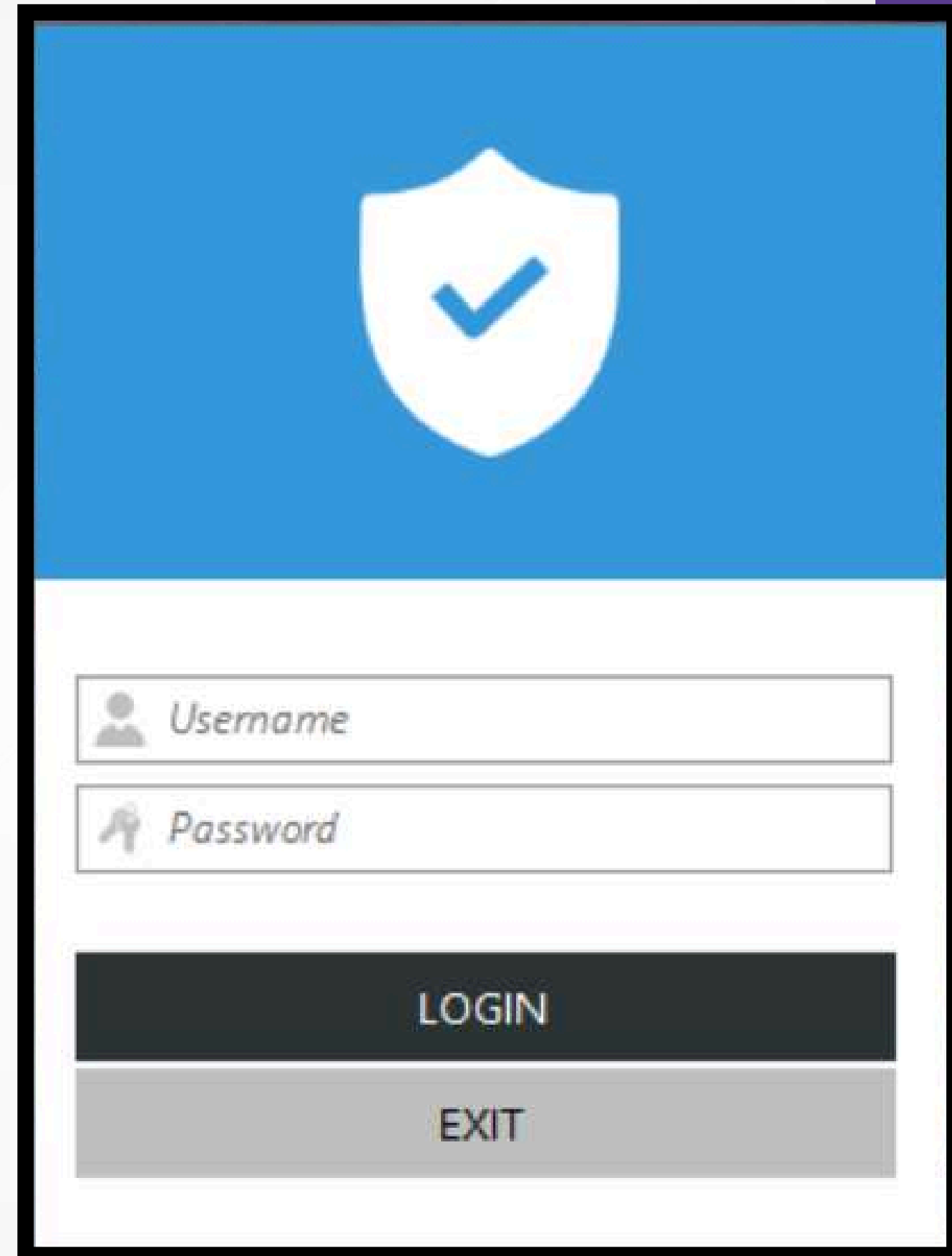
AUTHENTICATION


Users can login using their respective username and password, username and password is checked first and if all goes good, you're logged in.



There are two possible roles cashier and administrator.

Note that any user could be inactivated by the administrator, in that case login attempt will be discarded.

A mockup of a login screen. It features a blue header with a white shield icon containing a blue checkmark. Below the header, there are two input fields: the first is labeled 'Username' with a person icon, and the second is labeled 'Password' with a key icon. At the bottom, there are two buttons: a dark grey 'LOGIN' button and a light grey 'EXIT' button.



LOGIN

EXIT



CASHIER MODULE

Help to manage sale in person

100

IT'S SHOPPING TIME!



NEEDED ASAP.

A Shopping Specialist

Must love spending money.

Cashier Module

0.00

TRANSACTION NO: 202403131001

TRANSACTION DATE: 13 March 2024

[F8] BARCODE:

1

#	Description	Price	Qty	Discount	Total
---	-------------	-------	-----	----------	-------

[F1] New Transaction

[F2] Search Product

[F3] Add Discount

[F4] Settle Payment

[F5] Clear Cart

[F6] Daily Sales

[F7] Change Password

[F10] Logout



02:02:30 AM

Sales Total 0.00
Discount 0.00
GST 0.00
Price

Wednesday, March 13, 2024

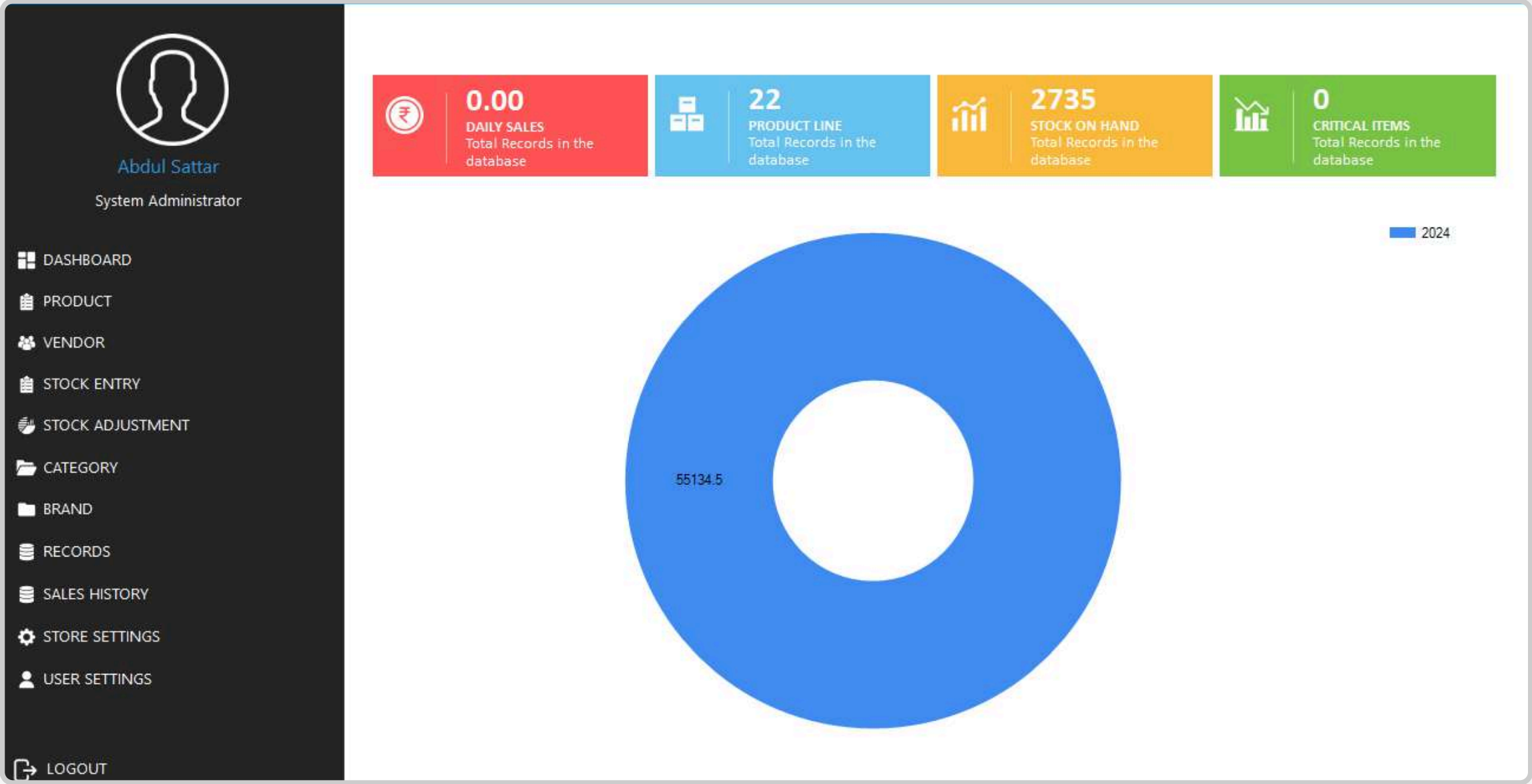
1 CRITICAL ITEM(S)
1. Butter cake



ADMIN MODULE

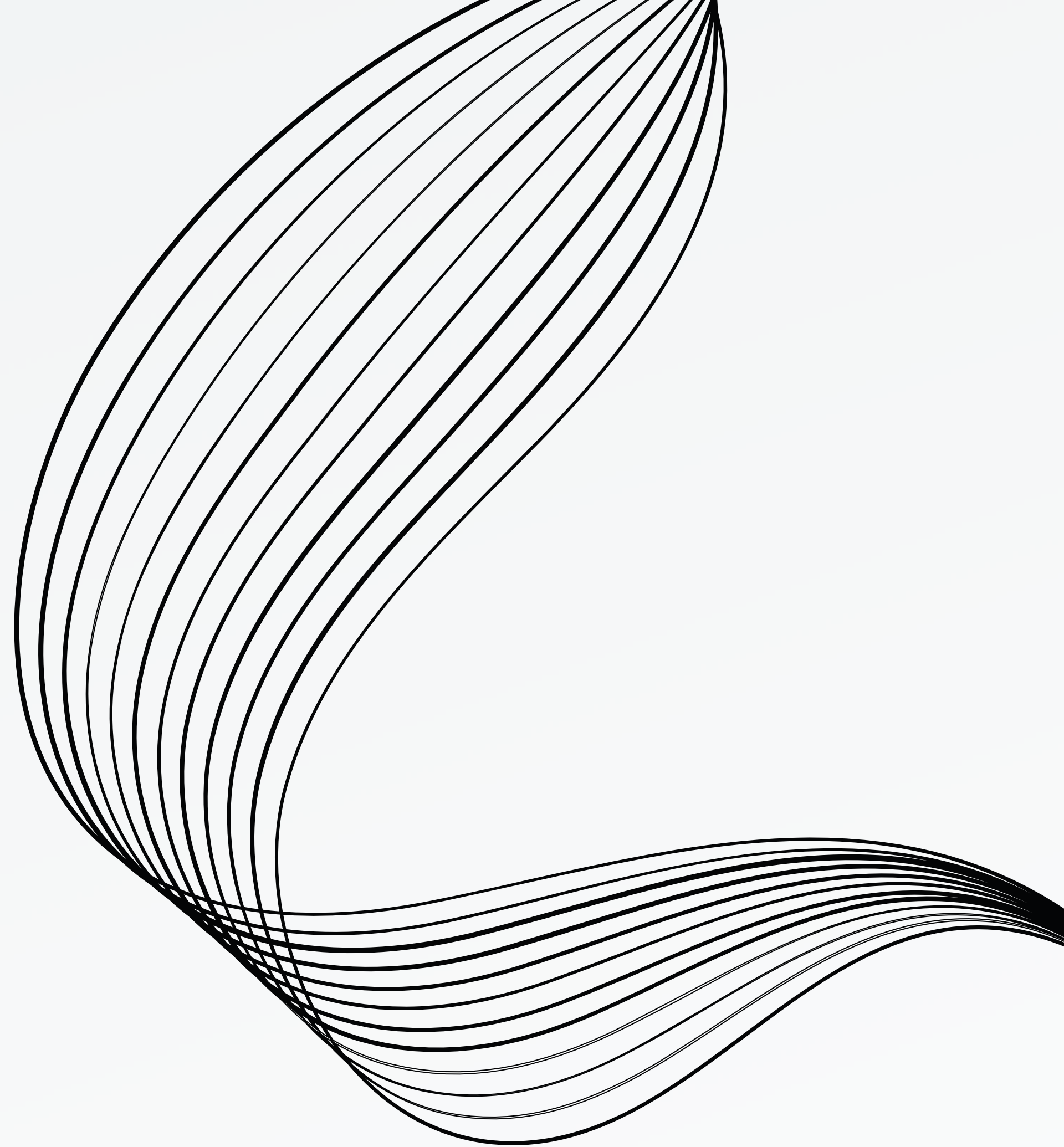
Help to manage inventory, sales, users, records.

LOGIN AS ADMIN



PRODUCT MODULE

Help to manage different types of products, adding, modifying and deleting the products.





Product Module



Abdul Sattar

System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS

SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

PRODUCT LIST

Search here

#	PCODE	BARCODE	DESCRIPTION	BRAND	CATEGORY	COST PRICE	PRICE	RE-ORDER		
1	P0015	0015024228	ABSOLUTE Pure Distilled D...	ABSOLUTE	Wines & Beers	51.00	85.00	10		
2	P0022	XXXXXXXY	Butter cake	PANDA OGGY	PANDA FOOD	60.00	100.00	10		
3	P0017		Coca-Cola 1liter	COCA-COLA	Wines & Beers	21.00	35.00	10		
4	P0007	0015024447	Coca-Cola Zero 1.5L	COCA-COLA	Beverages	37.20	62.00	10		
5	P0021	8101101101	Cold Drink	PANDA OGGY	PANDA FOOD	60.00	100.00	10		
6	P0010	1111111111	LOTTE Korea Rich Butter T...	LOTTE	Breakfast, Choco & Snacks	35.40	59.00	10		
7	P0003	1111222255	NESCAFÉ 3-in-1 Creamy W...	NESCAFÉ	Beverages	3.48	5.80	5		
8	P0002		NESCAFÉ Blend and Brew ...	NESCAFÉ	Beverages	3.42	5.70	10		
9	P0001	0015764910	NESCAFÉ Dolce Gusto Cap...	NESCAFÉ	Beverages	259.20	432.00	10		
10	P0005		NESCAFÉ GOLD CREMA Sq...	NESCAFÉ	Beverages	90.00	150.00	20		
11	P0012		Nesfruta Dalandan 500 ml	NESTLE	Breakfast, Choco & Snacks	6.00	10.00	10		
12	P0004	0015024386	NESTLE COFFEE MATE Sta...	NESTLE	Beverages	51.00	85.00	10		
13	P0013	0015764937	Pancit Canton Extra Hot	LUCKY ME	Breakfast, Choco & Snacks	9.60	16.00	10		
14	P0011		Plattos Sour Cream & Oni...	JACK N JILL	Breakfast, Choco & Snacks	9.00	15.00	10		
15	P0008		Red M.Y. San fita crackers ...	N.Y. SAN	Breakfast, Choco & Snacks	117.00	195.00	10		
16	P0019		San Mig Flavoured Apple	ASIA BREWERY	Beverages	18.00	30.00	10		
17	P0020		San Mig Light	ASIA BREWERY	Beverages	21.00	35.00	10		

Ready

↑ 1

99%

POS SYSTEM

main

Type here to search

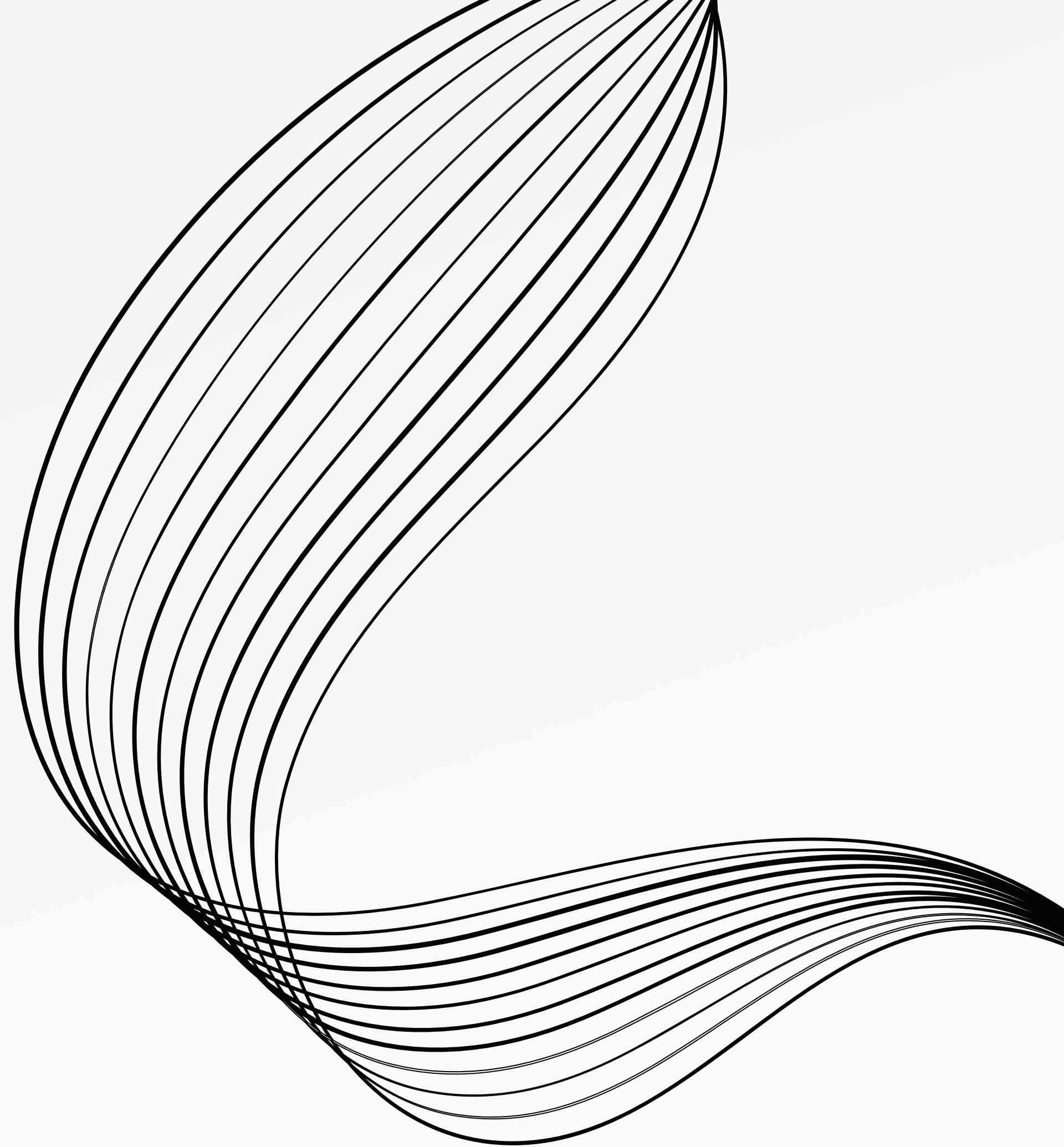
26°C Haze

ENG

01:09
13-03-2024

BRAND MODULE

*Help to describe new brands, and
modify existing ones.*



Brand Module



Abdul Sattar

System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS

SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

BRAND

#	BRAND NAME		
1	ABSOLUTE		
2	ASIA BREWERY		
3	COCA-COLA		
4	JACK N JILL		
5	LOTTE		
6	LUCKY ME		
7	N.Y. SAN		
8	NES		
9	NES		
10	PAN		
11	SNIC		
12	UFC		
13	VIN		

MANAGE BRAND

POS SYSTEM

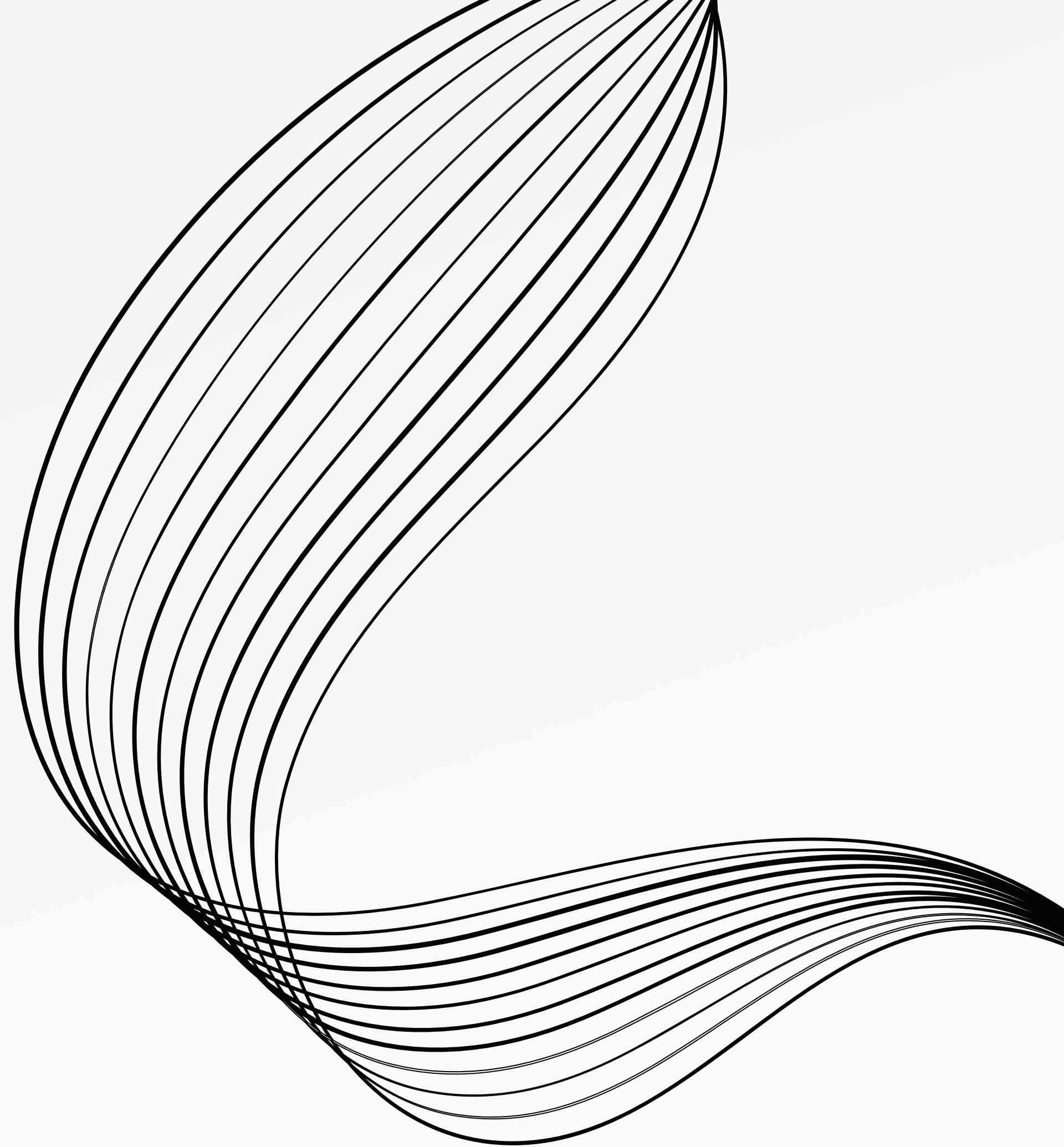


RECORD HAS BEEN SUCCESSFULLY SAVED.


OK

CATEGORY MODULE

*Help to describe new categories, and
modify existing ones.*



Category Module



Abdul Sattar
System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS















SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

CATEGORY LIST

#	CATEGORY		
1	Beverages		
2	Breakfast, Choco & Snacks		
3	Food Staples		
4	Fresh, Frozen & Chilled		
5	Laundry and Household		
6	PANDA FOOD		
7	Wines & Beers		

CATEGORY DETAILS

CATEGORY NAME

SAVE

UPDATE

CANCEL

Type here to search

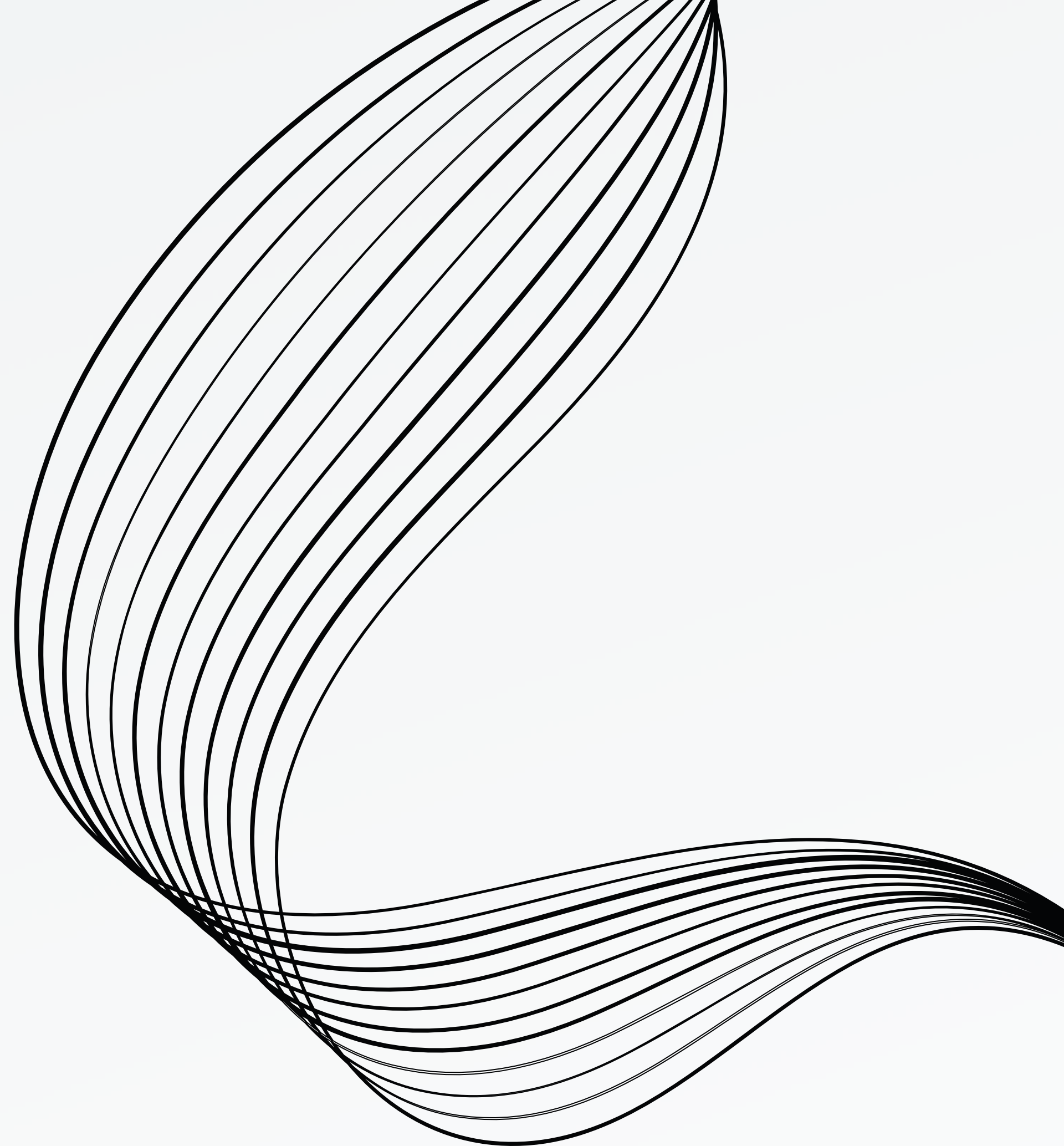
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01:38

13-03-2024

VENDOR MODULE

Manage vendors includes the operations adding new vendor, updating existing, or deleting a vendor completely.



Vendor Module



Abdul Sattar

System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS

SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

#	VENDOR	ADDRESS	CONTACT PERSON	TELEPHONE	EMAIL	FAX		
1	ABSOLUTE TRADING	RIZAL STREET, SURIGAO CITY	MR. WAEL HEE	N/A	N/A	N/A		
2	BROWNEES TRADING	NEW CITY HYDRABAD, INDIA	RAVI JAISWAL	5555888801	contact@brownees.com	6644552211		
3	CROWN TRADING	NEW DELHI	SHAIKH ZIYA	8523697410	contact@crown.in	4444666601		
4	KUNAL TRADING	Hydrabad, India	KUNAL PRASAD KUNU	732 155 7888	service@kunal.in	+91 44 123 4567		
5					N/A	N/A		

CAPITAL CASE Off

VENDOR

ADDRESS

CONTACT PERSON

TELEPHONE NO.

E-MAIL ADDRESS

FAX NO.

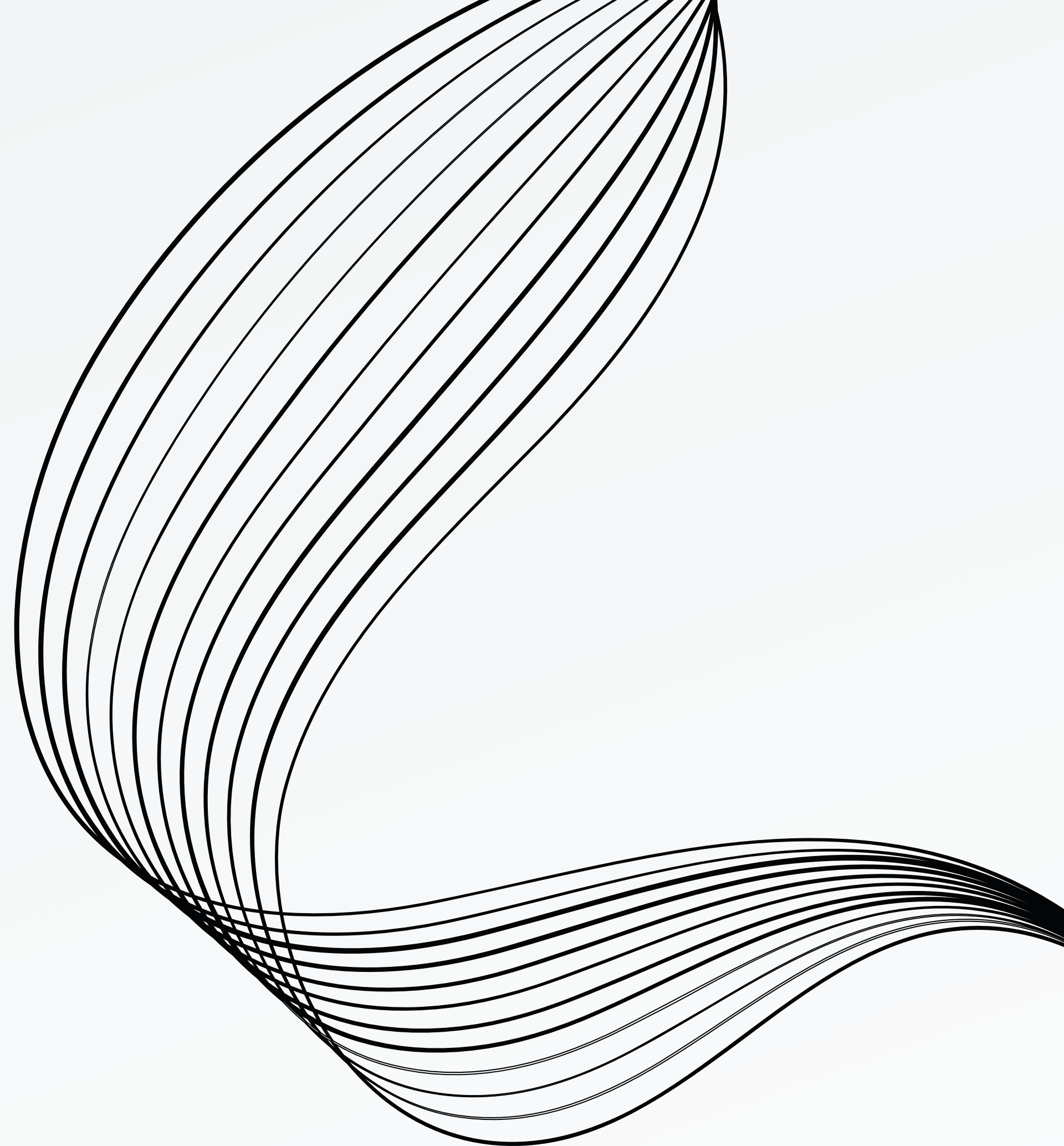
SAVE

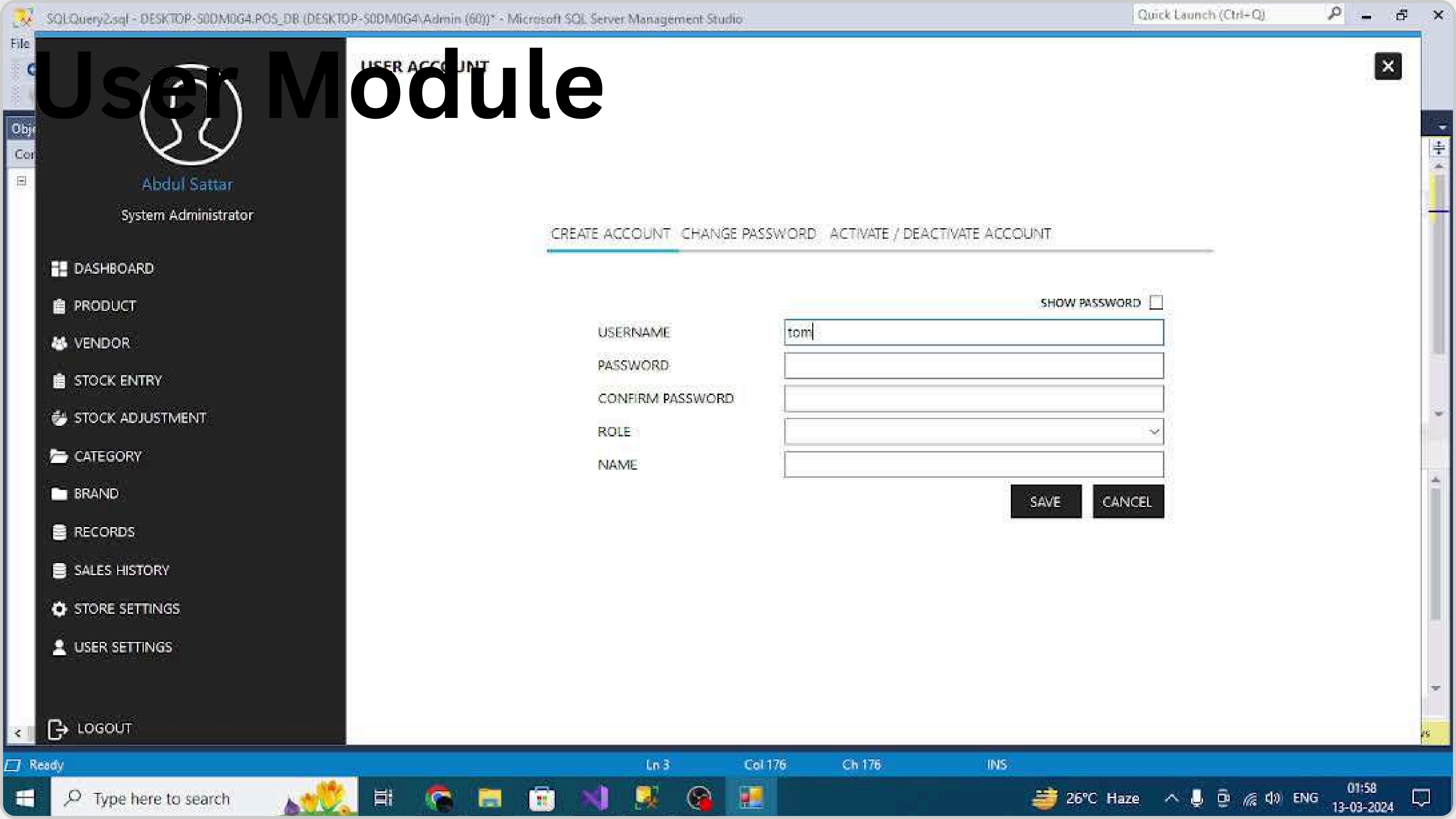
UPDATE

CANCEL

USER MODULE

Manage users includes the operations adding new user, or activating / deactivating an existing user.





User Module



Abdul Sattar

System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS

SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

USER ACCOUNT

CREATE ACCOUNT CHANGE PASSWORD ACTIVATE / DEACTIVATE ACCOUNT

SHOW PASSWORD ☐

USERNAME

tom

PASSWORD

CONFIRM PASSWORD

ROLE

NAME

SAVE

CANCEL

Ready

Ln 3

Col 176

Ch 176

INS

Type here to search

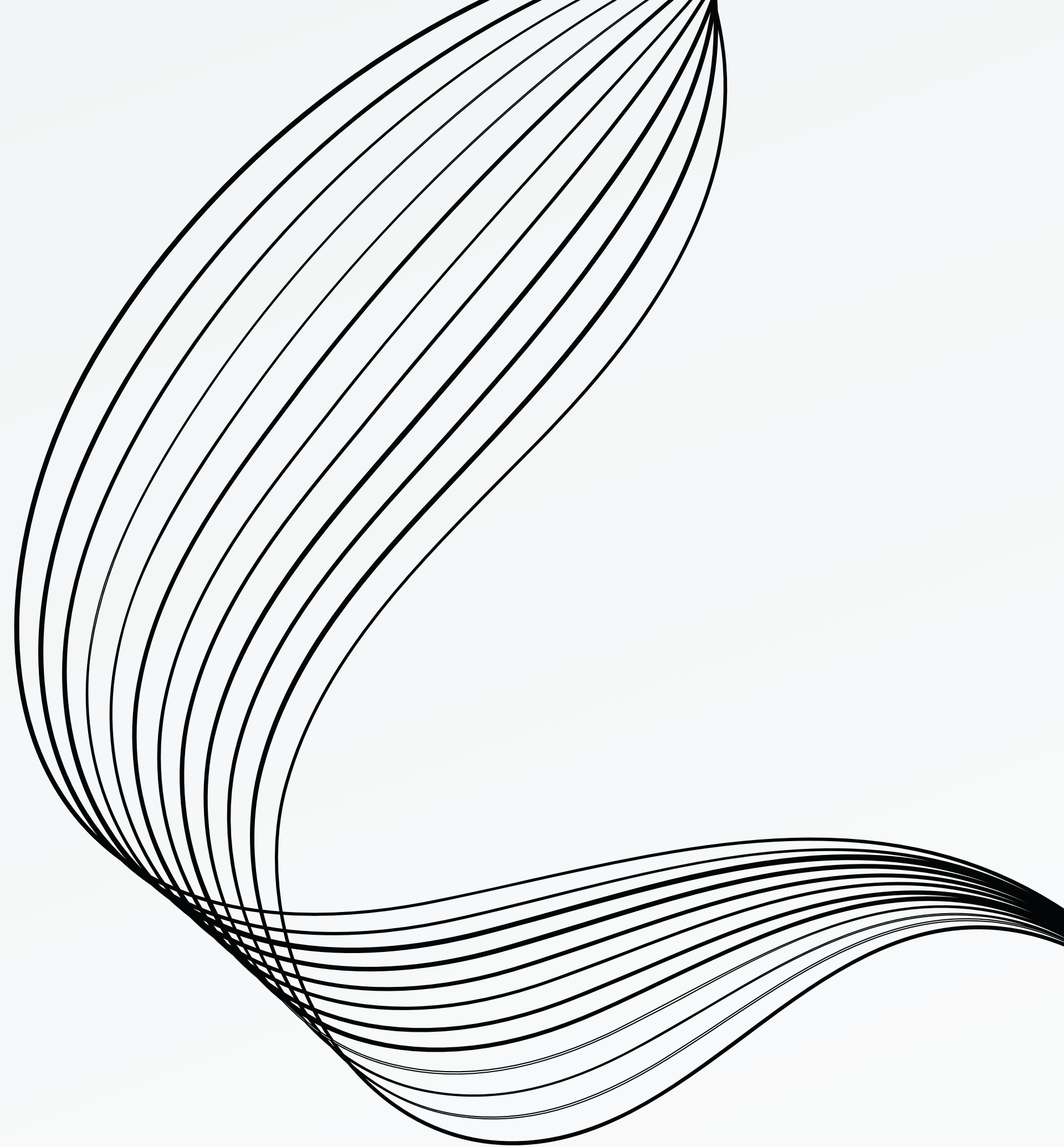
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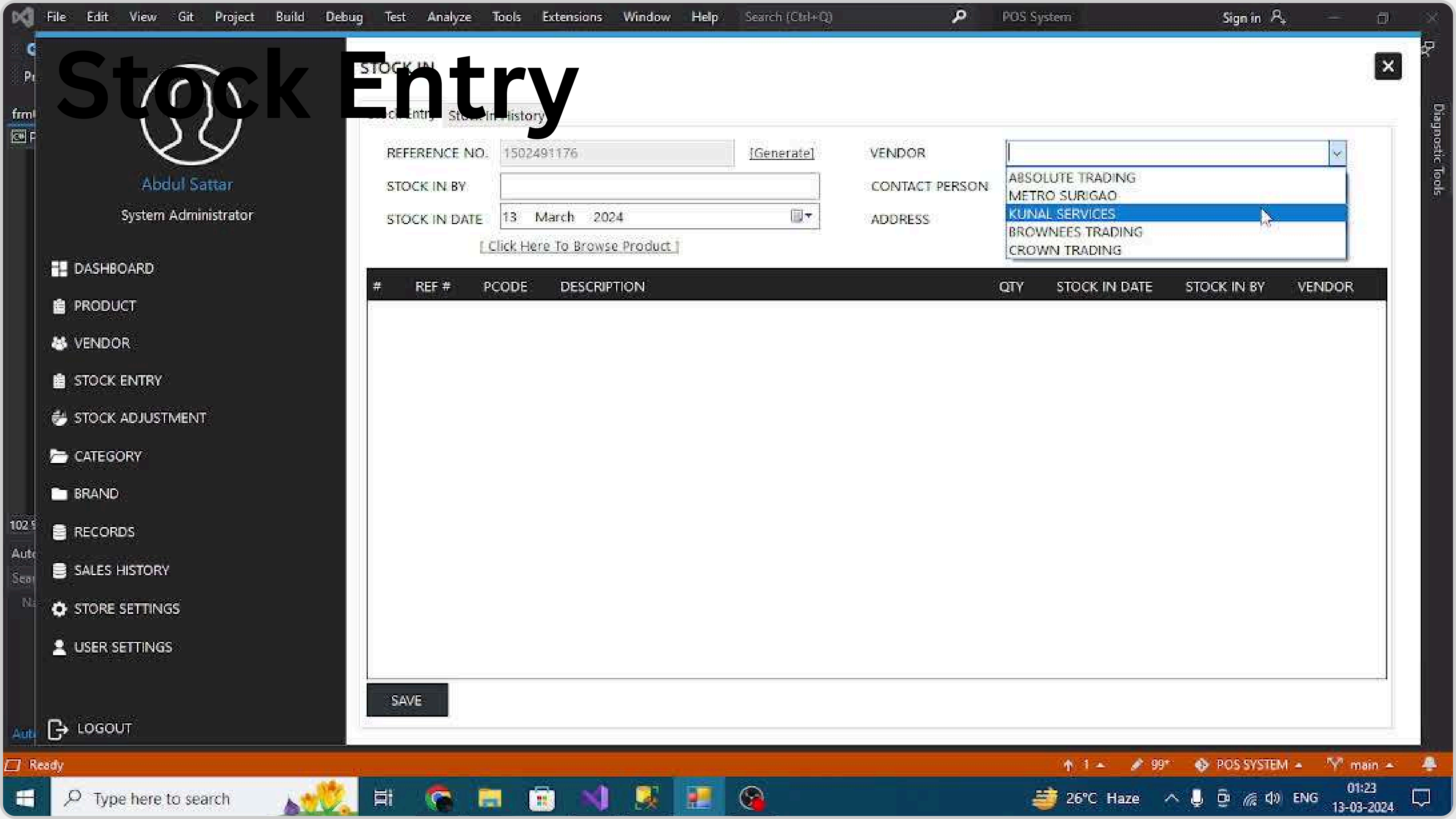
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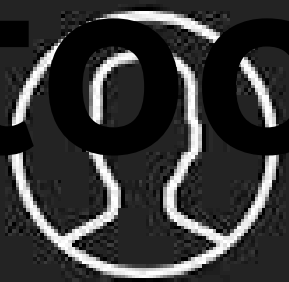
STOCK ENTRY

*Manage the stock entry, through
different vendors. And provide
history of stock entry.*





Stock Entry



Abdul Sattar

System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS

SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

REFERENCE NO.

1502491176

[Generate]

STOCK IN BY

STOCK IN DATE

13 March 2024

[Click Here To Browse Product]

VENDOR

CONTACT PERSON

ADDRESS

ABSOLUTE TRADING

METRO SURIGAO

KUNAL SERVICES

BROWNEES TRADING

CROWN TRADING

#

REF #

PCODE

DESCRIPTION

QTY

STOCK IN DATE

STOCK IN BY

VENDOR

SAVE

Ready

Type here to search

↑ 1

99°

POS SYSTEM

main

26°C Haze

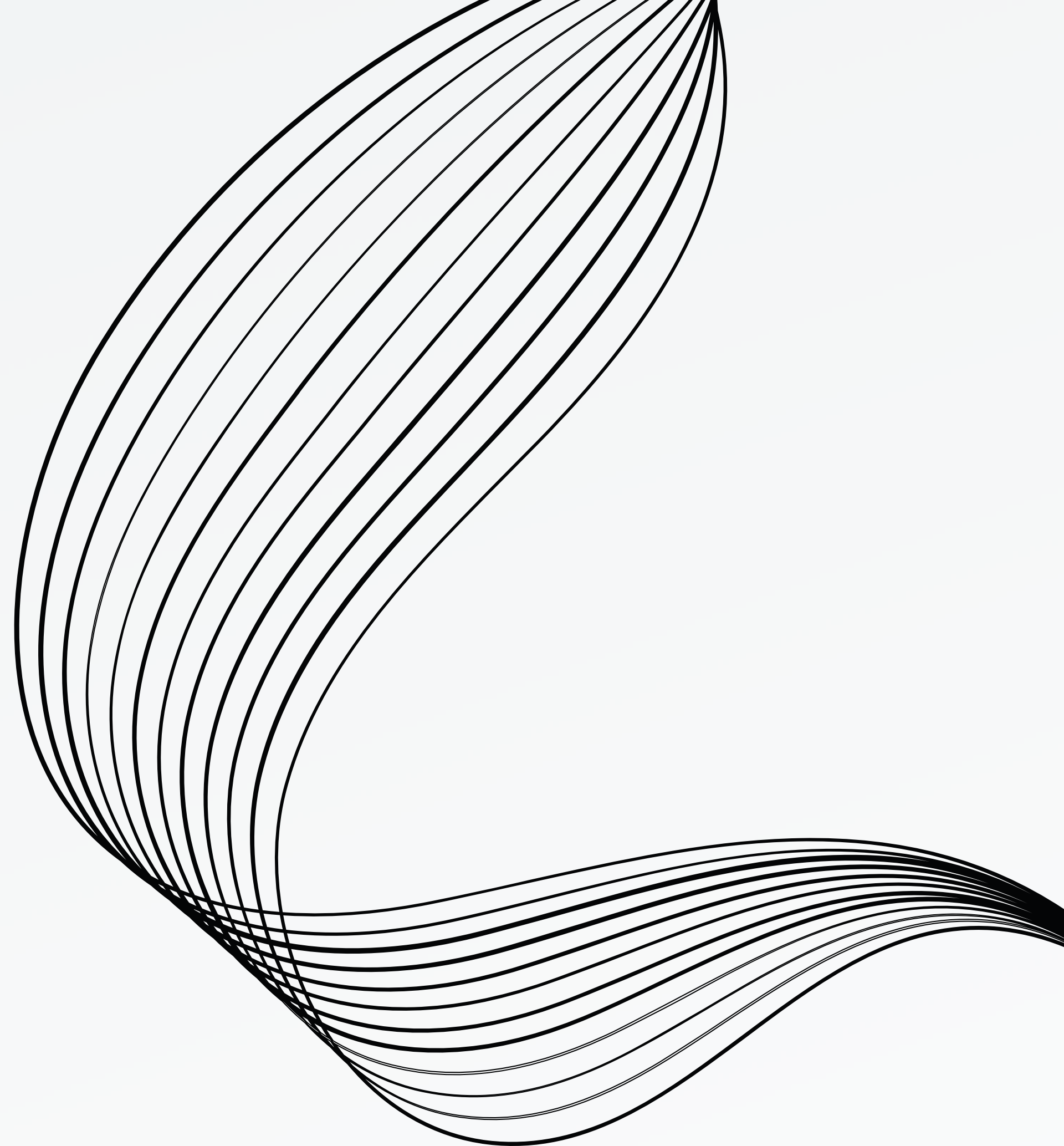
ENG

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13-03-2024

STOCK ADJUSTMENT

Manage the stock adjustment operations, adjust stock either by increasing the quantity or decreasing the same.

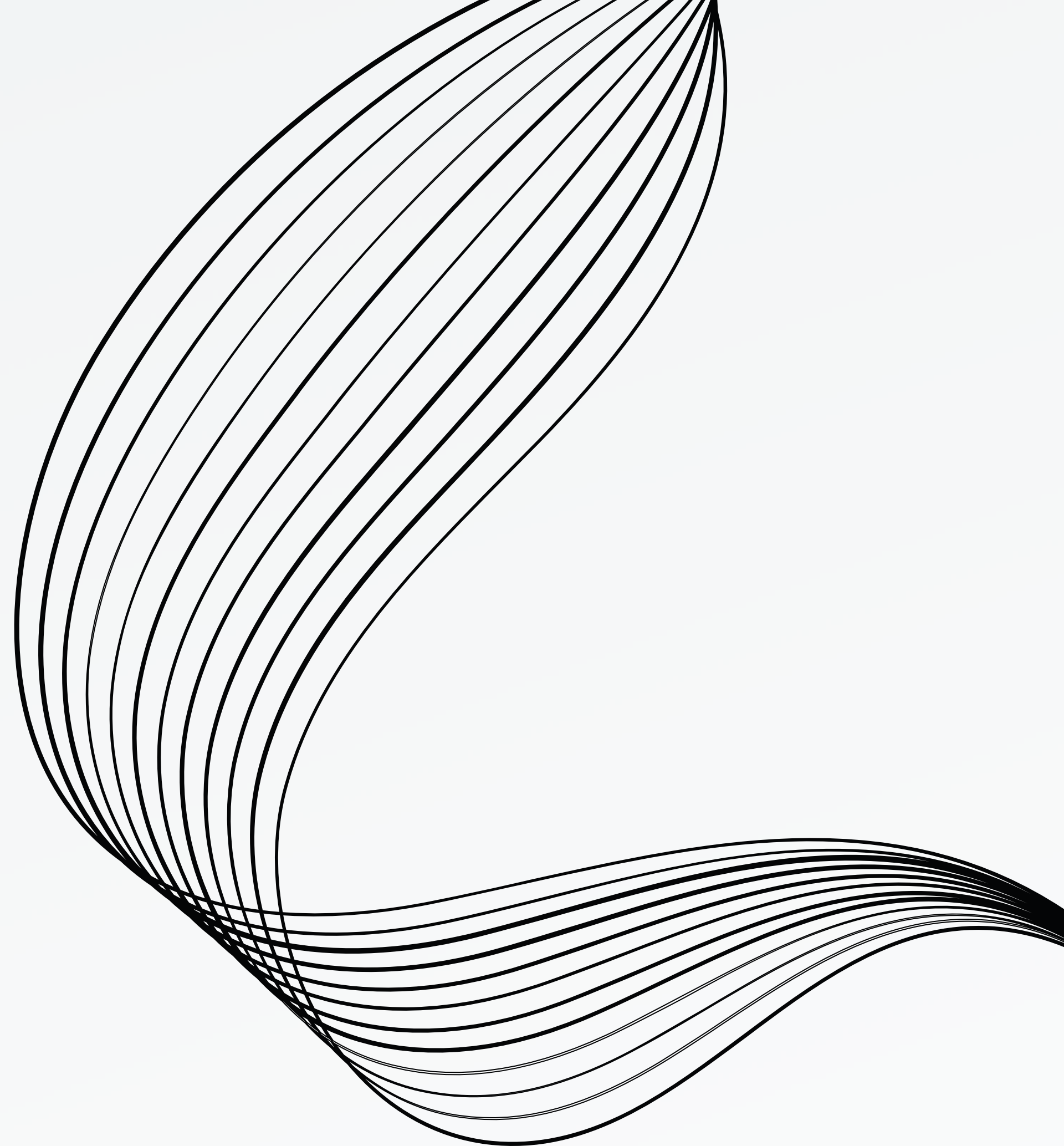


Stock Adjustment

Search here		DYNAMIC SEARCH		Off				
#	PCODE	BARCODE	DESCRIPTION	BRAND	CATEGORY	PRICE	STOCK ON HAND	
1	P0015	0015024228	ABSOLUTE Pure Distilled Drinking Water	ABSOLUTE	Wines & Beers	85.00	142	➤
2	P0022	XYXYXYXY	Butter cake	PANDA OGGY	PANDA FOOD	100.00	115	➤
3	P0017		Coca-Cola 1liter	COCA-COLA	Wines & Beers	35.00	104	➤
4	P0007	0015024447	Coca-Cola Zero 1.5L	COCA-COLA	Beverages	62.00	190	➤
5	P0021	B101101101	Cold Drink	PANDA OGGY	PANDA FOOD	100.00	134	➤
6	P0010	1111111111	LOTTE Korea Rich Butter Taste European Waffle 40g	LOTTE	Breakfast, Choco & Snacks	59.00	106	➤
7	P0003	1111222255	NESCAFÉ 3-in-1 Creamy White 29 g	NESCAFÉ	Beverages	5.80	127	➤
8	P0002		NESCAFÉ Blend and Brew Original 28g	NESCAFÉ	Beverages	5.70	185	➤
9	P0001	0015764910						

SALES HISTORY

Provides a visual report for sales history from different cashiers, and overall all cashier also using the date filter. Also provides a print preview for the same.



FileEditViewGitProjectBuildDebugTestAnalyzeToolsExtensionsWindowHelp

Search (Ctrl+Q)

POS System

Sign in

Sales History

FILTER BY DATE (FROM - TO)

01-01-2024

13-03-2024

All Cashier

Print Preview

0.00

#	INVOICE #	PCODE	DESCRIPTION	PRICE	QTY	DISC.	TOTAL
1	202401221022	P0015	ABSOLUTE Pure Distilled Drinking Water	85.00	20	0.00	1700.00
2	202401221024	P0001	NESCAFÉ Dolce Gusto Capsule Cappuccino 200 g/ 7.05 OZ	432.00	2	0.00	864.00
3	202401221025	P0015	ABSOLUTE Pure Distilled Drinking Water	85.00	1	0.00	85.00
4	202401221026	P0017	Coca-Cola 1liter	35.00	1	0.00	35.00
5	202401221027	P0015	ABSOLUTE Pure Distilled Drinking Water	85.00	2	0.00	170.00
6	202401221028	P0003	NESCAFÉ 3-in-1 Creamy White 29 g	5.80	12	0.00	69.60
7	202401231001	P0015					

LOGOUT

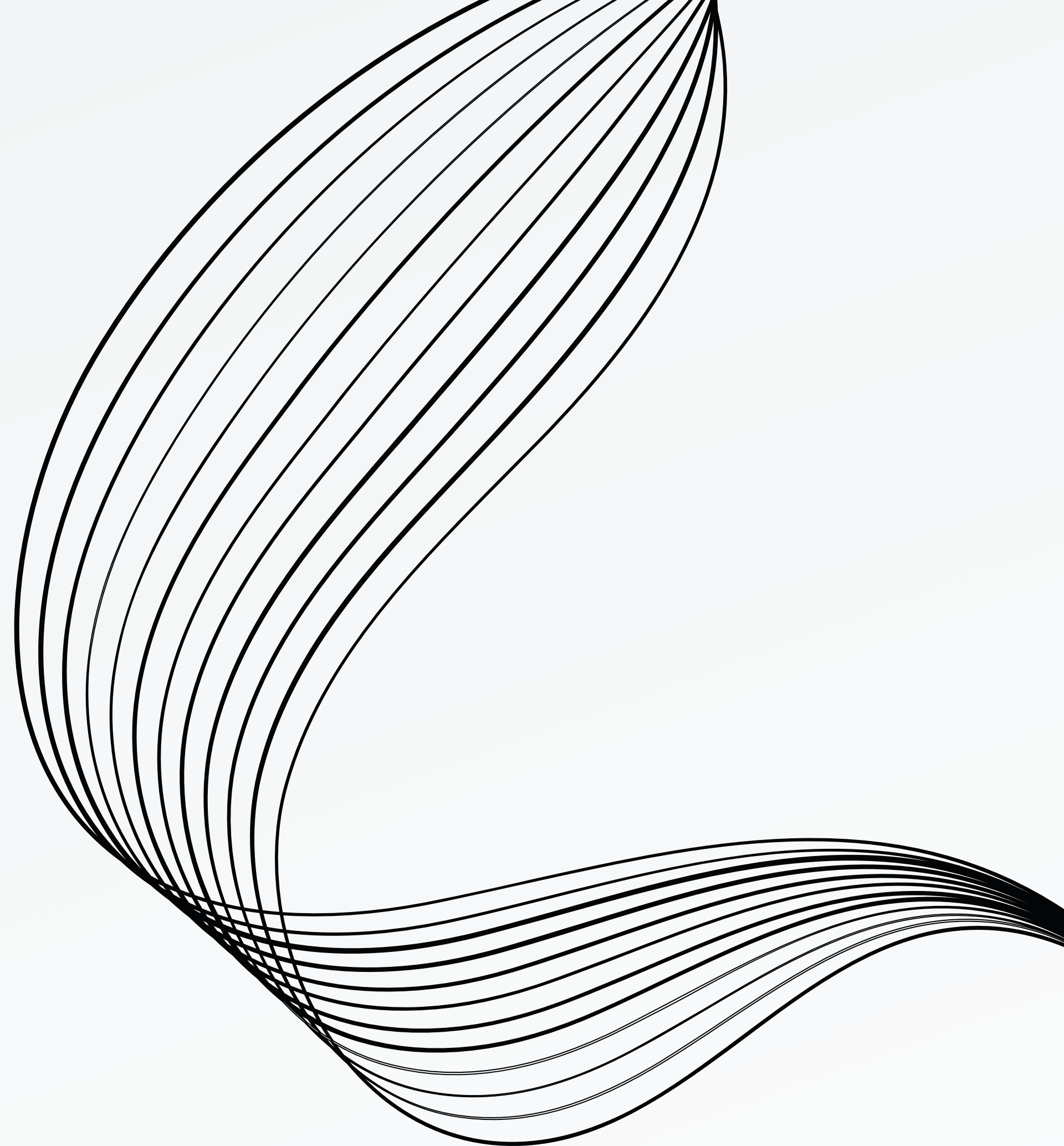
Ready

↑ 1 99° POS SYSTEM main

26°C Haze 01:53 13-03-2024

OVERALL RECORDS

*Provides, visual reports for Top 10
Selling, Sold Item, Critical Item,
Inventory List, Cancelled Orders and
stock in history, with a common date
filtering option and different others.*




File

Obj

Cor

☰



Abdul Sattar

System Administrator

DASHBOARD

PRODUCT

VENDOR

STOCK ENTRY

STOCK ADJUSTMENT

CATEGORY

BRAND

RECORDS

SALES HISTORY

STORE SETTINGS

USER SETTINGS

LOGOUT

RECORDS

TOP SELLING

SOLD ITEMS

CRITICAL STOCKS

INVENTORY LIST

CANCELLED ORDER

STOCK IN HISTORY

FILTER BY

01-01-2024

13-03-2024

SORT BY QTY

LOAD DATA

PRINT PREVIEW

#	PCODE	DESCRIPTION	QTY	TOTAL SALES
1	P0001	NESCAFÉ Dolce Gusto Capsule Cappuccino 200 g/ 7...	92	39,528.00
2	P0003	NESCAFÉ 3-in-1 Creamy White 29 g	40	232.00
3	P0015	ABSOLUTE Pure Distilled Drinking Water	35	2,975.00
4	P0007	Coca-Cola Zero 1.5L	29	

Series1

Optimal IMPROVEMENTS

● Separate Client Software

Designing a separate software for cashier and system administrator module can reduce the memory usage.

● Cloud Based Database

Using cloud based database reduce data loss risk and increase accessibility.

● Server Administrator

In case of multiple stores, a single user can be made responsible to watch activities of all stores.

Team F3

CONTACT

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431401





THANK YOU

Thank you all for your time and attention.



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