

**Department Of Computer Science**  
**Veer Narmad South Gujarat University, Surat**

**A**

## **PROJECT REPORT**

**As A Partial Requirement**  
**For Degree Of**  
**Post-Graduation Diploma In Computer Application**  
(P.G.D.C.A – 2<sup>nd</sup> Semester)  
**YEAR : 2021 - 22**

# **“Precious Metal Care”**

Guided By :-

Mrs. Jayshri Patel

Submitted By :-

Dishant Mandaliya

Organization

DCS, Surat

Department of Computer Science  
***Veer Narmad South Gujarat University***

Udhna Magdalla Road, Vesu, Surat – 395007 (Gujarat) INDIA

## CERTIFICATE

*This is to certify that the project entitled* "Precious Metal Care"

*has been submitted by Mr. / Ms.* Dishant Mandaliya

*of M.C.A / PGDCA Semester II / IV / VI*

*Exam No.* 2021043083 *as a partial fulfillment of the course, for the*  
*Academic Year 2021-2022*

*Date:*

Internal Guide Name & Sign

PROJECT OF ~~MCA~~ / PGDCA

Academic Year 2021 - 22

Assessed by:

(Examiners)

*Professor & Head*  
*Dept. of Computer Science*

# ACKNOWLEDGEMENT

A Project Is Complete When It Starts Working For You , Rather Than You Working For It. So, I Would Like To Express My Sincere Thanks To All The Dignitaries Who Were Helpful In Making This Project A Great Joy And Turning It Into Successful Piece Of Work.

I Would Like To Take Opportunity To Thank My College **Department Of Computer Science, VNSGU, Surat** and our Head Of Department **Dr. Apoorva Desai** For Giving Me This Tremendous Opportunity To Work In The Real-Time Project.

**Mrs. Jayshri Patel** My Project Coordinator And **Mrs. Rinku Patel** Has Been Very Prudent To Me Throughout My College Studies. She Is The Person Who Has Been Giving Direction To My Work And The Shape To My Imagination. I Express MY Regards To Her From The Core Of MY Heart.

I Would Also Like To Acknowledge All My **Friends And Colleagues** For Their Help And Encouragement From Time To Time. The Constant Support And Encouragement Of My Friend is Deeply Appreciated. The Project Indeed Gave Challenging And Exhilarating Experience In Designing And Developing The Required System.

Finally, I Would Like To Thank My Parents Especially My Father **Mr. Amit Mandaliya** For Their Great Support Throughout The Project. I Owe A Special Debt To My Family & Friends For Their Supports Blessing And Encouragement For Me.

Dishant Mandaliya

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# **Introduction**

**Precious Metal Care** Is Desktop Based Jewellery Stock Management System Which Can Be Used Offline. This Project Presents A Review On Software Program “*Precious Metal Care*” Which Should Be Used For Management Of Stock And Keep Records Of Purchase From Supplier As Well As Sales To Customer In Day To Day Business.

It Maintains Stock Records With Category, Particulars, Size, Purity And Weight. Further , Making Easy To Use For Jewellery Shop With Retail Business Unit. It Can Also Calculate Price For Purchase Of Old Gold Ornaments From Customer Refurbishing Or Reselling Purpose.

We Can Search, Add, Delete, Update Various Details Related To Available Customer, Supplier, Purchase, Sales, Stock, And Also Maintain Order Book In This Software. This Project Has A Wide Utility From Jewellery Shop Owner Where Single User Manages Their Stock And Handles Its Daily Business Activity.

Jewellery Business Related To Gold And Silver Can Have Easy Managing Their Data And Calculating Prices And Wastage From Supplier Further, Additional Charges Can Also Be Shown In Bill.

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## *Project Profile*

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Project Title :-	Precious Metal Care
Organization :-	Veer Narmad South Gujarat University, Surat
Project Description :-	Jewellery Management Software
Front End :-	Visual Studio 2015(Vb.Net)
Back End :-	Ms. Access 2007 Or Other
Project Category :-	Windows Based Application
Operating System :-	Windows 10 And Above
Project Guide :-	Mrs. Jayshri Patel
Submitted By :-	Dishant Mandaliya

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## Scope

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- User can make payment to supplier at a single click.
- User can Add Description for Sales and Order Book.
- User can manage stock easily.
- Beginner's friendly software, easy to understand and manage stock, sales , purchase and order.

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## *Features :-*

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- Search, Add , Update, Delete data into software conveniently.
- Add Description for various data for future reference'
- Orders with nearest due dates can be known for early completion.
- Payment can be made at a single click to supplier.
- Beginner's friendly software, easy to understand and manage stock, sales, purchase and orderbook.
- Estimated Resale value for old jewellery can be easily calculated based on purity percentage.
- Detailed Additional charges can be applied at the time of sales. Foreg. :- diamonds, mina, jadtar etc.

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## *Objective :-*

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- To create easy usability for every person engaged into jewellery business.
- Here user can view orders to be made according to its delivery date.
- Simple Management of stock.
- Details of clients and customers can be stored easily and has and easy access to it.



# \*\*\*\*\*Enviroment Design\*\*\*\*\*

## ● Hardware Specification :-

Processor :-	Intel i3 or above
Ram :-	500 MB Ram and above
Hard Disk :-	Minimum 2Gb and above

## ● Software Specification :-

Operating Software :-	Windows 7 and above
Front End :-	Microsoft visual studio 2015
Back End :-	Microsoft Access 2013
Programming Language :-	VB.NET 2015

# DATA DICTIONARY

## Particulars

no	Field Name	Datatype	Constraints	Description
1	id	number	Primary key	Contains particulars id
2	Particulars_name	text		Contains particulars name/jewellery type

## Login

no	Field Name	Datatype	Constraints	Description
1	User_name	text		Contains user name
2	password	text		Contains login password data of user

## Js\_size

no	Field Name	Datatype	Constraints	Description
1	Size_id	number	Primary key	Contains size id
2	Js_size	number		Contains size of jewellery

## Category

no	Field Name	Datatype	Constraints	Description
1	Category_id	number	Primary key	Contains category id for jewellery
2	Category_name	text		Contains category for jewellery

## State\_select

no	Field Name	Datatype	Constraints	Description
1	State_id	number	Primary key	Contains state id
2	State_name	Long text		Constains all states of india

## Purity

no	Field Name	Datatype	Constraints	Description
1	Purity_id	number	Primary key	Contains purity id
2	Purity_vs	number		Contains purity in karat
3	Purity_value	number		Contains purity in percentage

## Order book

no	Field Name	Datatype	Constraints	Description
1	Order_id	text	Primary key	Contains order id
2	Order_receive	Date		Contains order date when received order
3	Customer_id	number	Foreign key	Contains details of customer
4	Description_ds	Long text		Contains description

## Purchase master

no	Field Name	Datatype	Constraints	Description
1	Purchase_masterid	text	Primary key	Contains purchase master id
2	Purchase_date	Date		Contains purchase date
3	Supplier_id	number	Foreign key	Contains supplier id
4	Description_ds	Long text		Contains description

## Sales master

no	Field Name	Datatype	Constraints	Description
1	Sales_id	text	Primary key	Contains sales id
2	Sales_date	date		
3	Customer_id	number	Foreign key	Contains customer id for details
4	Description_ds	Long text		Contains description

## Payment

no	Field Name	Datatype	Constraints	Description
1	Payment_id	number		Contains payment id
2	Supplier_id	number	Foreign key	Contains suppliers_id for details
3	Payment_date	date		Date when payment is made
4	Fine_payment	number		Amount of payment made in fine.

## Additional charges

no	Field Name	Datatype	Constraints	Description
1	Sales_ID	text		Contains sales_id for reference
2	Sales_date	date		Sales_date on which sales is made
3	Particulars_ps	Long text		Name of charges to be added in sales
4	Quantity_qs	number		Quantity of particulars
5	Price_ps	currency		Price_per piece of particular

## Customer

no	Field Name	Datatype	Constraints	Description
1	Customer_id	number	Primary key	Contains customer id
2	Customer_name	text		Contains Customer name
3	Address_ad	Long text		
4	Phone_number	number		
5	references	text		Person who gave References for shop

## Supplier

no	Field Name	Datatype	Constraints	Description
1	Supplier_id	number	Primary key	Contains supplier id
2	Supplier_name	text		
3	Contact_no	number		
4	Supplier_address	Long text		
5	Supplier_city	text		
6	State_id	number	Foreign key	Contains state id

## Stock\_table

no	Field Name	Datatype	Constraints	Description
1	Stock_id	number	Primary key	Contains stock id
2	Category_id	number	Foreign key	Contains category details'
3	Particulars_id	number	Foreign key	Contains particulars details'
4	Size_id	number	Foreign key	Contains size details'
5	Purity_id	number	Foreign key	Contains purity details'
6	Gross_weight	number		Contains gross weight
7	Less details	text		Contains details for weight
8	Less_weight	number		Contains value to reduce weight
9	Net_weight	number		Contains net weight

## Purchase\_item

no	Field Name	Datatype	Constraints	Description
1	Purchase_ID	text		Contains purchase id
2	Category_id	number	Foreign key	Contains category details'
3	Particulars_id	number	Foreign key	Contains particulars details'
4	Purity_id	number	Foreign key	Contains purity details'
5	Quantity_qt	number		Contains quantity
6	Purchase_percentage	number		Contains percentage value at which purchase is made
7	Total_weight	number		Contains total weight



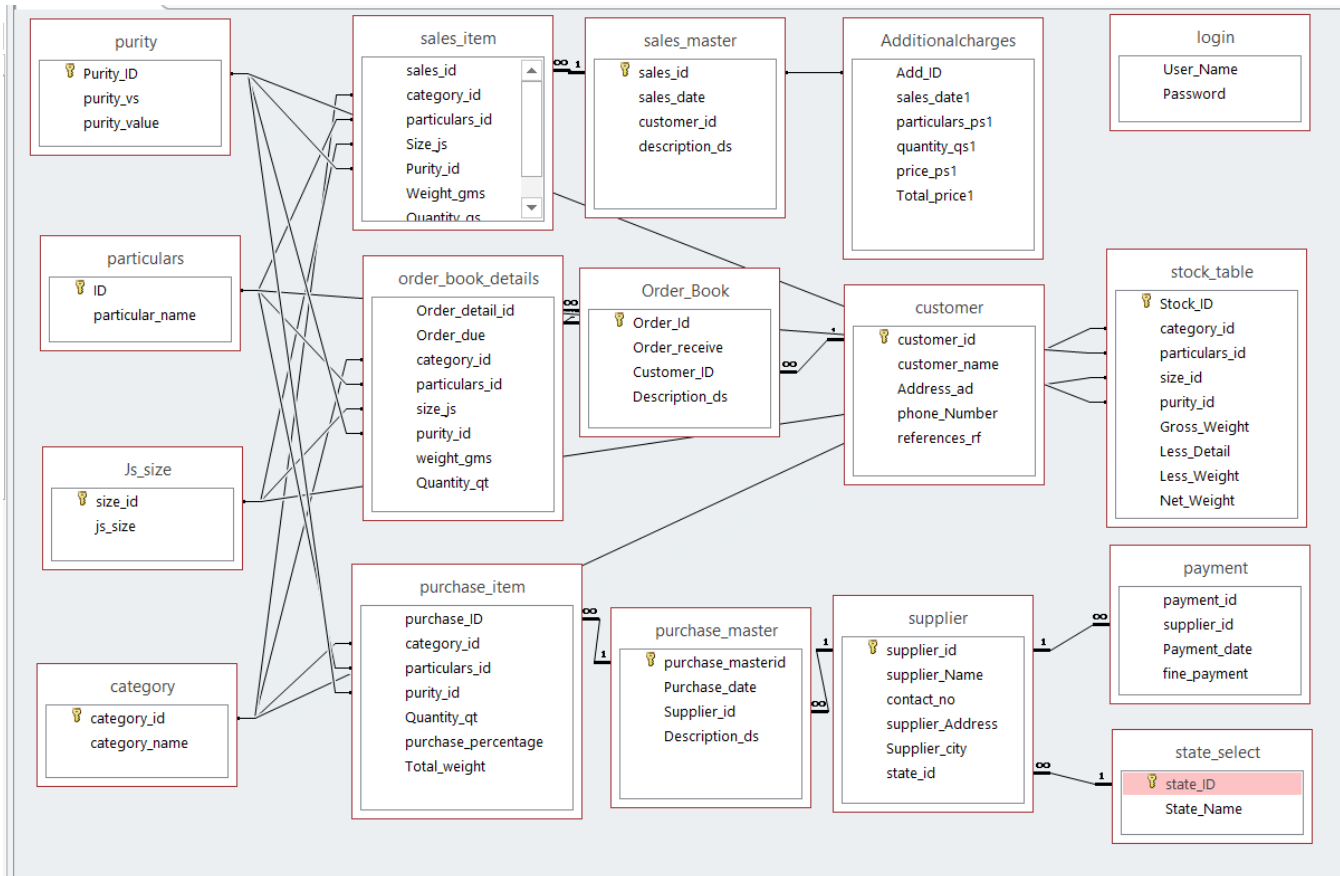
## Order book details

no	Field Name	Datatype	Constraints	Description
1	Order_detail_id	text		Contains order details id
2	Order_due	date		Contains order completion date
3	Category_id	number	Foreign key	Contains category details'
4	Particulars_id	number	Foreign key	Contains particulars details'
5	Size_id	number	Foreign key	Contains size details'
6	Purity_id	number	Foreign key	Contains purity details'
7	Weight_gms	number		Contains weight in grams
8	Quantity_qt	number		Contains quantity

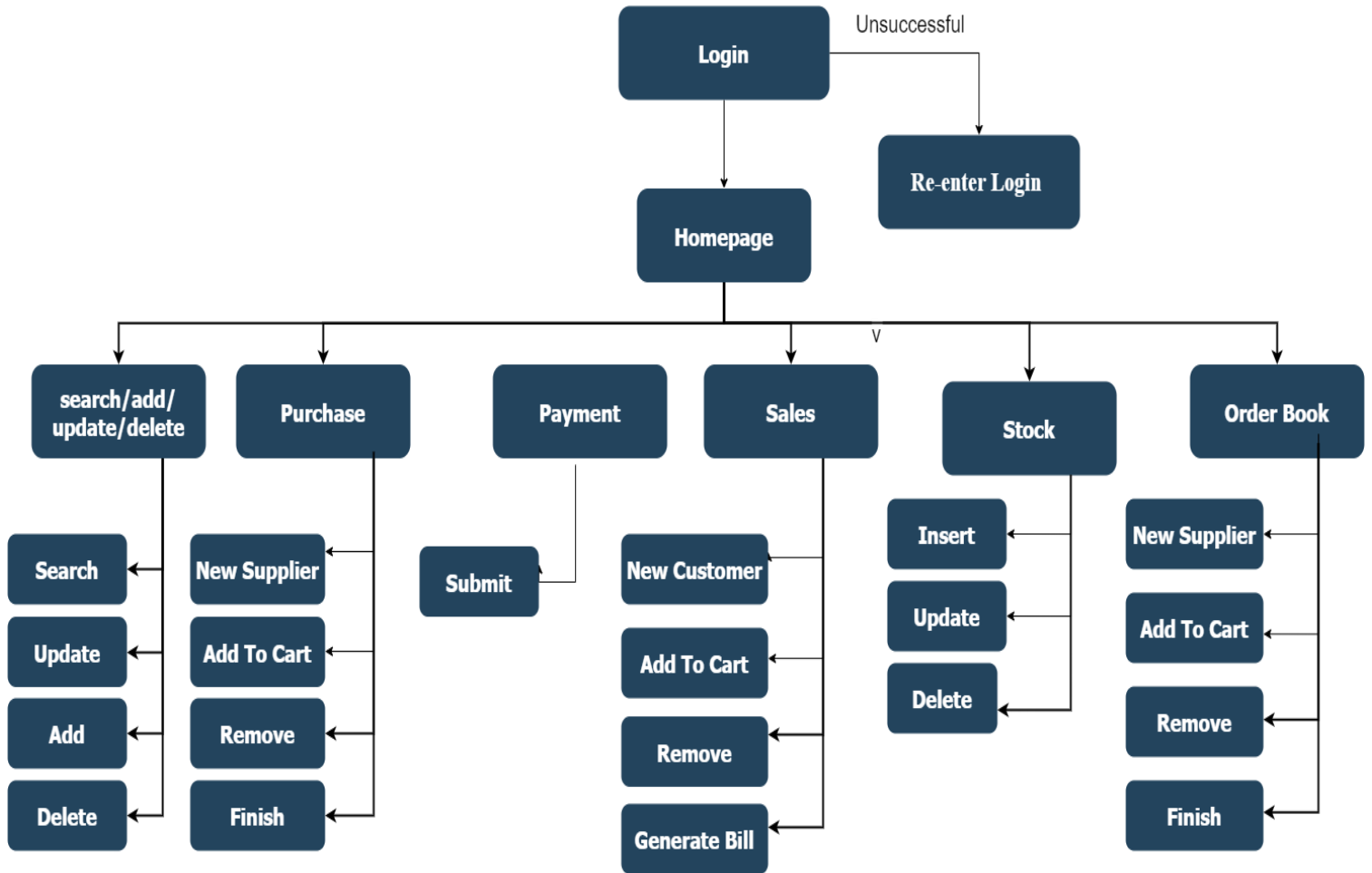
## Sales item

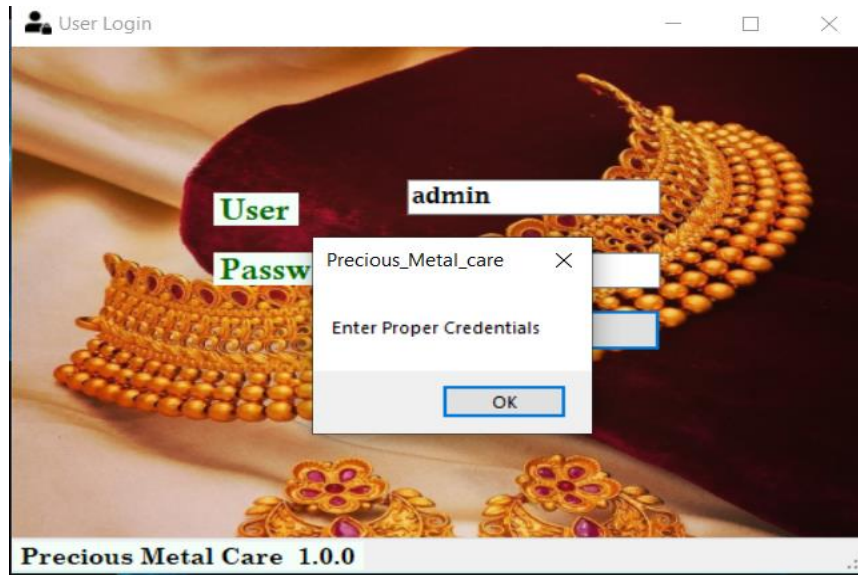
no	Field Name	Datatype	Constraints	Description
1	sales_id	text		Contains sales id
2	Category_id	number	Foreign key	Contains category details'
3	Particulars_id	number	Foreign key	Contains particulars details'
4	Size_id	number	Foreign key	Contains size details'
5	Purity_id	number	Foreign key	Contains purity details'
6	Weight_gms	number		Contains weight in grams
7	Quantity_qt	number		Contains quantity
8	Price_per_gram	number		Contains price per gram

# RELATIONSHIP MODEL

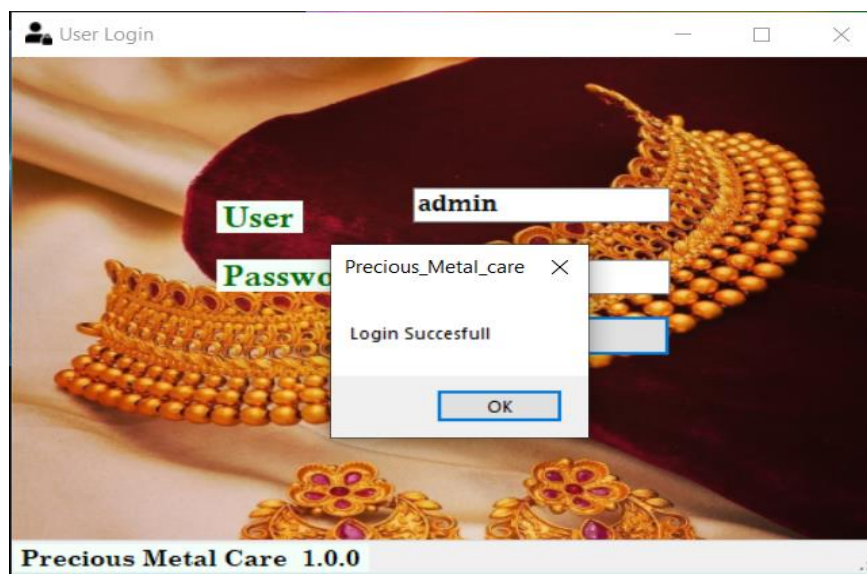


# SYSTEM WORK FLOW





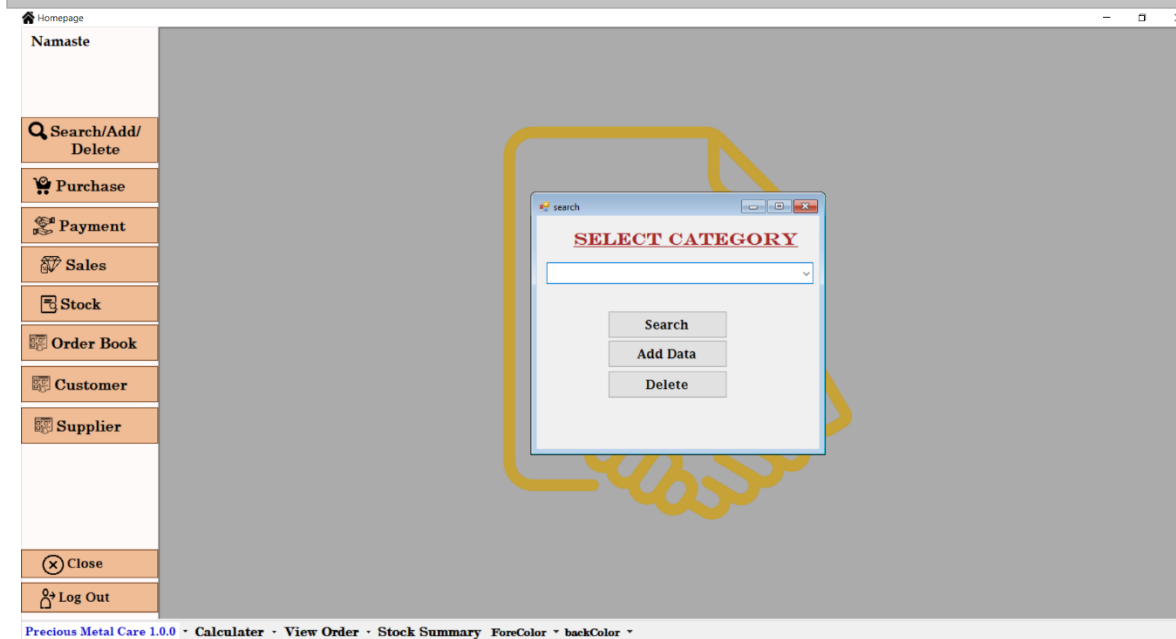
## Login Page



## Home Page (MDI Container)



## Search Add/Delete



- Select Category Like Purchase, Sales, Order\_Book , Supplier , Customer, Payment, Stock Can Be Used For Adding Data And Deleting Data Also Search Is Done Over Here.

## Search purchase

Homepage

Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

Precious Metal Care 1.0.0 • Calculator • View Order • Stock Summary ForeColor • backColor •

search1

ID  Name

Search

purchase_masterid	Purchase_date	supplier_Name	category_name	particular_name	purity_vs	Quantity_qt	purchase_percentage	Total_weight
P101	24-06-2022	Advitiya Sujeet	Gold	Ladies Ring	24	10	98	9.5
P102	08-04-2022	Aditi Musunur	Gold	Ladies Ring	22	7	98	35.5
P103	08-04-2022	Aditi Musunur	Gold	Ladies Ring	22	2	98	14
P106	08-04-2022	Advitiya Sujeet	Gold	Ladies Ring	22	2	98	45
P107	08-04-2022	Aprativiya Seshan	Silver	Ladies Ring	24	10	92	100
P102	08-04-2022	Aditi Musunur	Gold	Earrings	22	8	98	55.8
P104	08-04-2022	Aditi Musunur	Gold	Earrings	22	2	98	25

## Search purchase

Homepage

Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

Precious Metal Care 1.0.0 • Calculator • View Order • Stock Summary ForeColor • backColor •

search1

ID  Name

Search

purchase_masterid	Purchase_date	supplier_Name	category_name	particular_name	purity_vs	Quantity_qt	purchase_percentage	Total_weight
P101	24-06-2022	Advitiya Sujeet	Gold	Ladies Ring	24	10	98	9.5

- We Can Search Purchase Details Like Date, Supplier Name Etc. With Code And Supplier Name.

## Insert new data

Homepage

Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

Precious Metal Care 1.0.0 • Calculator • View Order • Stock Summary ForeColor • backColor •

search1

Particulars ☐ Purity ☐ Catagory ☐ Size

particular

Category

purity value

Add

ID	particular_name
1	Ladies Ring
2	Earrings
3	Necklace
4	Pendant
5	Pendant Set
6	Ladies Bracelet
7	Bangles
8	Kada

## Delete data

Homepage

Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

Precious Metal Care 1.0.0 • Calculator • View Order • Stock Summary ForeColor • backColor •

search1

ID

Delete

purchase_masterid	Purchase_date	supplier_Name	category_name	particular_name	purity_vs	Quantity_qt	purchase_percentage	Total_weight
P103	08-04-2022	Aditi Musunur	Gold	Ladies Ring	22	2	98	14

- Delete Record From Here. I.E. Sales, Purchase, Orders.



# Purchase

Homepage

Namaste

Search/Add/ Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

List of Purchase

TOTAL WEIGHT :-0.00

Purchase Code :-P10808-04-2022

Client Name :-Aditi MusunurPhone No :-9528085359New Supplier

category :-GoldParticulars :-Ladies RingAdd to cart

Purity :-24Total Weight (in gms) :-Remove

purchase percentage :-Quantity :-Finish

Description :-Payment

Precious Metal Care 1.0.0 · Calculator · View Order · Stock Summary ForeColor · backColor ·

- From Here The Purchase Of Jewellery From The Supplier Is To Be Made. We Can Also Add New Supplier And Its Details From Here And Check About The Payment Of That Supplier.

Purchase insert

Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

List of Purchase

Category	Particulars	purity	quantity	Purchase Percentage	Gross weight	Net Payable (Fine/Amount)
Gold	Ladies Ring	24	10	97	105	101.85

TOTAL WEIGHT :- 101.85

Purchase Code :- P108

Client Name :- Aditi Musunur

category :- Gold

Purity :- 24

purchase percentage :- 97

Description :- gold from aditi

08-04-2022

Inserted Successfully!

9528085359

Ladies Ring

Total Weight (in gms) :-

Quantity :-

Payment

Precious Metal Care 1.0.0 · Calculator · View Order · Stock Summary ForeColor · backColor

## payment

Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

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Supplier

Close

Log Out

payment

Aditi Musunur

10-06-2022

Total Fine Due 76.194

Amount

Fine Payment

Gold Price (per gram)

Submit

Precious Metal Care 1.0.0 · Calculator · View Order · Stock Summary ForeColor · backColor

- Payment To Supplier Can Be Done From Payment Page.

## Stock insert

[Homepage](#)  
Namaste

Search/Add/Delete

Purchase

Payment

Sales

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Order Book

Customer

Supplier

Close

Log Out

Available Stock

stock_id	category_name	particular_name	js_size	purity_vs	Gross_Weight	Less_Detail	Less_Weight	Net_Weight
7	Silver	Kada	13	16	22	jadtar	3	19
8	Silver	Ladies Bracelet	14	20	2	N/A	0	2
9	Gold	Necklace	14	18	9	jadtar, moti	5	4
10	Gold	Necklace	15	20	21	moti	2	19
11	Gold	Ladies Ring	13.5	16	6	diamonds	4	2
13	Gold	Bangles	13.5	16	15	jadtar	5	10
14	Gold	Pendant Set	14.5	20	15	moti	3	12
15	Gold	Kada	14	22	5	N/A	0	5
16	Silver	Earrings	14.5	20	25	N/A	0	25
17	Silver	Bangles	14.5	18	16	N/A	0	16
18	Silver	Ladies Ring	14	18	3	mina	1	2

19

category :-

Gold

Weight (in gms) :-

10

Update

Particulars :-

Ladies Ring

Less Detail :-

jadtar

Delete

Size :-

13

Less Amount(-) :-

2

Insert

Purity :-

24

Net Weight (in gms) :-

8

Precious\_Metal\_Care

Inserted Stock successfully

OK

Precious Metal Care 1.0.0 • Calculator • View Order • Stock Summary ForeColor • backColor •

## Stock

[Homepage](#)  
Namaste

Search/Add/Delete

Purchase

Payment

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Stock

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Supplier

Close

Log Out

Available Stock

stock_id	category_name	particular_name	js_size	purity_vs	Gross_Weight	Less_Detail	Less_Weight	Net_Weight
1	Silver	Earrings	16	22	18	diamonds	1	17
2	Silver	Ladies Ring	13.5	20	21	diamonds	6	15
3	Silver	Bangles	14.5	18	14	jadtar	1	13
4	Silver	Kada	13.5	16	17	moti	3	14
5	Gold	Earrings	15.5	20	3	N/A	0	3
6	Silver	Kada	16	18	21	moti	3	18
7	Silver	Kada	13	16	22	jadtar	3	19
8	Silver	Ladies Bracelet	14	20	2	N/A	0	2
9	Gold	Necklace	14	18	9	jadtar, moti	5	4
10	Gold	Necklace	15	20	21	moti	2	19
11	Gold	Ladies Ring	13.5	16	6	diamonds	4	2

19

category :-

Gold

Gross Weight (in gms) :-

Update

Particulars :-

Ladies Ring

Less Detail :-

Delete

Size :-

13

Less Amount(-) :-

Insert

Purity :-

24

Net Weight (in gms) :-

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- All The Stock Needs To Be Inserted From Stock Table For Easy Sales.

## Stock Update

[Homepage](#)  
Namaste

Search/Add/Delete

Purchase

Payment

Sales

Stock

Order Book

Customer

Supplier

Close

Log Out

Available Stock

stock_id	category_name	particular_name	js_size	purity_vs	Gross_Weight	Less_Detail	Less_Weight	Net_Weight
8	Silver	Ladies Bracelet	14	20	2	N/A	0	2
9	Gold	Necklace	14	18	9	jadtar, moti	5	4
10	Gold	Necklace	15	20	21	moti	2	19
11	Gold	Ladies Ring	13.5	16	6	diamonds	4	2
13	Gold	Bangles	13.5	16	15	jadtar	5	10
14	Gold	Pendant Set	14.5	20	15	moti	3	12
15	Gold	Kada	14	22	5	N/A	0	5
16	Silver	Earrings	14.5	20	25	N/A	0	25
17	Silver	Bangles	14.5	18	16	N/A	0	16
18	Silver	Ladies Ring	14	18	3	mina	1	2
19	Gold	Ladies Ring	13	24	10	jadtar	2	8

19

category :-

Gold

Particulars :-

Ladies Ring

Size :-

13

Purity :-

22

Weight (in gms) :-

10

Less Detail :-

jadtar

Less Amount(-) :-

2

Net Weight (in gms) :-

8

Update

Delete

Insert

Precious\_Metal\_care

Updated Successfully!

OK

Precious Metal Care 1.0.0

Calculator

View Order

Stock Summary

ForeColor

BackColor

[Homepage](#)  
Namaste

Search/Add/Delete

Purchase

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Order Book

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Close

Log Out

List of Sales

category_name	particular_name	stock	SumOfNet
Gold	Bangles	1	10
Gold	Earrings	1	3
Gold	Kada	1	5
Gold	Ladies Ring	1	2
Gold	Necklace	2	23
Gold	Pendant ...	1	12
Silver	Bangles	2	29
Silver	Earrings	2	42
Silver	Kada	3	51

TOTAL AMOUNT :-

0.00

S107

1

08-04-2022

Customer Name :-

Deep Mehta

Phone No. :-

9705716591

New Customer

category :-

Gold

Particulars :-

Ladies Ring

Add to cart

Size :-

13

Weight (in gms) :-

17

Remove

Purity :-

24

Quantity :-

1

Charges

Price per gram :-

Description :-

Generate Bill

Precious Metal Care 1.0.0

Calculator

View Order

Stock Summary

ForeColor

BackColor

- Sales Table From Where The Sales Is To Be Made To The Customer And Here Customer Details Can Also Be Added. Additional Charges I.E. Labour Charges, Diamonds Etc.

## Bill

Billings

**Precious Metal Care**  
102, Radhe Business Hub, Vesu,  
Surat - 395006

Email ID :- pmcinfo@gmail.com  
Contact No. :- 9898560126

Invoice To :- Deep Mehta  
9705716591

Invoice No. :- **S108**  
Date :- 10-06-2022

	Category	Particulars	size	purity	quantity	weight	Price per Gram	total amount
▶	Gold	Ladies Ring	22	13	1	8	1524	12070.08
	Additional charges	moti	N/A	N/A	15	N/A	110	1650
*								

**GRAND TOTAL :- 13720.08**

**Print**

- Final Bill At The Time When Sales Is Made Which Is Given To Customer.

## Order Book

Homepage  
Namaste

**List of Orders**

Order_Id	Order Due	category	particulars	size	purity	weight	quantity	Description :-
O103	10-06-2022 21:...	Gold	Ladies Ring	13	24	100	20	

**Order Details:**

Order Id: O103    Order Due: 10-06-2022    Order Due :- 10-06-2022

Customer Name :- Deep Mehta    Phone No :- 9705716591    New customer

Category :-    Particulars :-    Add to cart

Size :-    Weight (in gms) :-    Cancel Order

Purity :-    Quantity :-    Complete

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## supplier

Homepage  
Namaste

**Supplier's Details**

Supplier\_ID: 7

Supplier\_Name:

Contact:

Supplier\_Address:

City:    State: Andhra Pradesh

supplier_id	supplier_Name	contact_no	supplier_Address	Supplier_city
1	Aditi Musunur	9528085359	Surat City	surat
2	Aditya Sajeet	9989379310	Kamrej	surat
3	Ragavan Poduri	9845058898	Chorvasi	barodli
4	Aparivya Seethan	9915524533	Songadh	vallad
5	danhua	9898561203	adajan	puna
6	dars	9898561203	adajan	puna

Remove Supplier    Update Details    New Supplier

Precious Metal Care 1.0.0 · Calculator · View Order · Stock Summary ForeColor · backColor ·

- Order Taken Are Recorded In Order Book And Supplier Details Are Recorded In Supplier Page.

## Customer

Homepage  
Namaste

Search/Add/Delete

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Close

Log Out

Precious Metal Care 1.0.0 · Calculator · View Order · Stock Summary ForeColor · backColor

customer

Customer's Details

Customer\_ID 11

Customer\_Name

Address

Phone\_No

Reference

customer_i	customer_r	Address_ad	phone_Nu	references
1	Deep Me...	adajan	9705716...	anil
2	Dishant ...	adajan	9729319...	ramesh
3	Dhara S...	umra	9991316...	anil
4	ria panc...	udhna	9736595...	ramesh
5	pooja vis...	pal	9876158...	suresh
6	amisha	citylight	9180950...	raju
7	neha pas...	parvat p...	9187760...	raju
8	pranav ...	katargam	9424175...	okav

Remove Customer Update Details New customer

## calculater

Homepage  
Namaste

Search/Add/Delete

Purchase

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Close

Log Out

Precious Metal Care 1.0.0 · Calculator · View Order · Stock Summary ForeColor · backColor

calculator

☐ Gold ☐ Silver

Weight

Touch percentage

FINE

Current Price

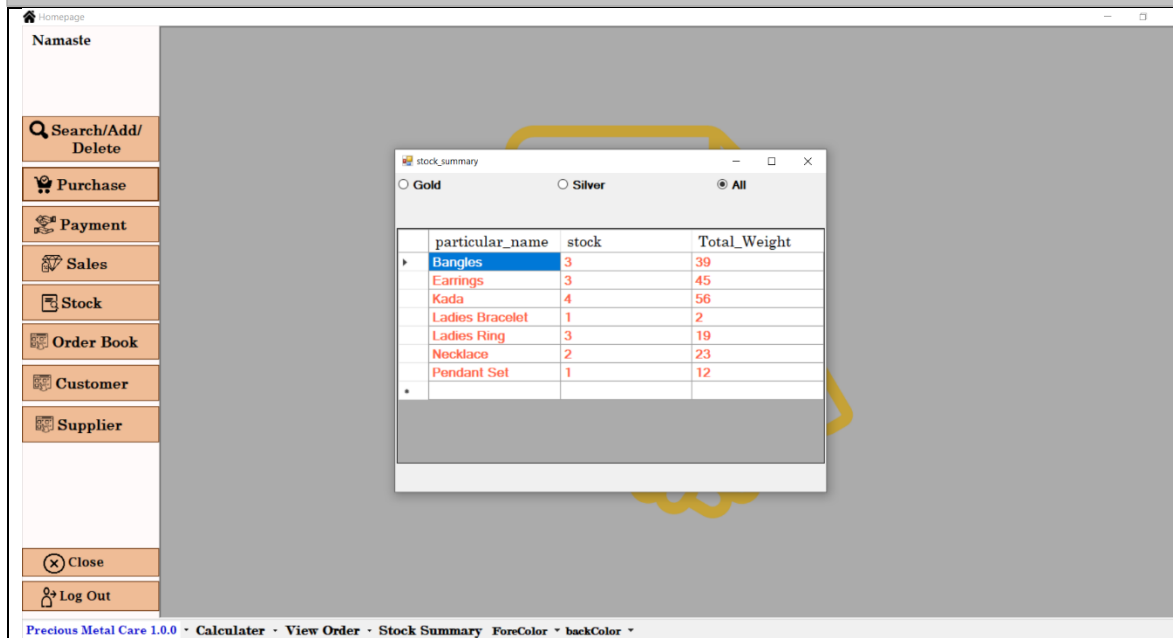
CASH AMOUNT

Clear

Carat (K)	24 K	22 K	20 K	18 K
Touch (apx.)	99.9	91.6	83.5	75

- Calculater Is Used For Calculation Of Gold And Silver Price For Resale Of Jewellery Or Buying Price As Per Carats And Purity. Chart Is Provided For Reference Of Purity.

## Stock summary



**stock\_summary**

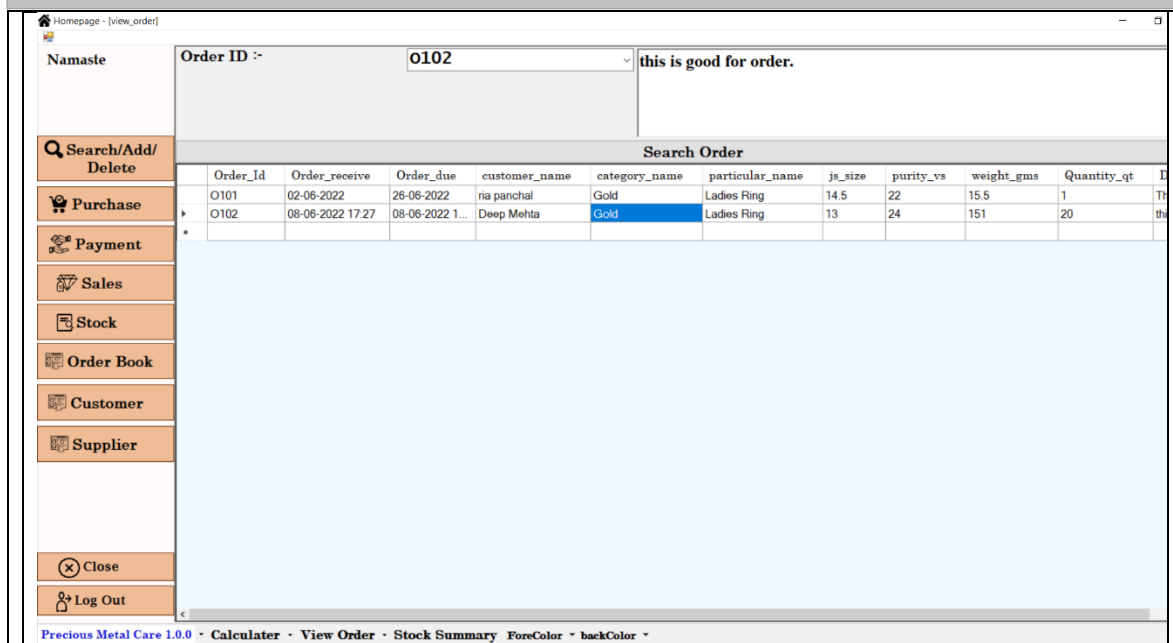
☐ Gold ☐ Silver ☒ All

particular_name	stock	Total_Weight
Bangles	3	39
Earrings	3	45
Kada	4	56
Ladies Bracelet	1	2
Ladies Ring	3	19
Necklace	2	23
Pendant Set	1	12

Close Log Out

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## View order



**Homepage · [view\_order]**

Namaste

Order ID :- **O102** this is good for order.

**Search Order**

Order_Id	Order_receive	Order_due	customer_name	category_name	particular_name	js_size	purity_vs	weight_gms	Quantity_qt
O101	02-06-2022	26-06-2022	ria panchal	Gold	Ladies Ring	14.5	22	15.5	1
O102	08-06-2022 17:27	08-06-2022 1...	Deep Mehta	Gold	Ladies Ring	13	24	151	20

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- Stock Summary Can Be Seen Over Above Page.
- Order Details As Per Due Dates Can Be Seen For Early Completion Of Order.



## Stock table Code

```
Imports System.Data.OleDb
Imports System.Configuration
Public Class stock_details
    Dim a, b, c, d As Double
    Dim comm As New
OleDbConnection(ConfigurationManager.ConnectionStrings("conn").ConnectionString)
    Dim adp As New OleDbDataAdapter
    Dim cmd As New OleDbCommand
    Dim ds As New DataSet
    Public dt1234 As New DataTable
    Public dt As New DataTable
    Private Sub stock_details_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
        autogenerate()
        display1()

        dt.Columns.Add("stock_id")
        dt.Columns.Add("category_id")
        dt.Columns.Add("particulars_id")
        dt.Columns.Add("size_id")
        dt.Columns.Add("purity_id")
        dt.Columns.Add("Gross_Weight")
        dt.Columns.Add("Less_Detail")
        dt.Columns.Add("Less_Weight")
        dt.Columns.Add("Net_Weight")
        Try
            load_data.datashow()
            ComboBox4.DataSource = dt10
            ComboBox4.DisplayMember = "category_name"
            ComboBox4.ValueMember = "category_id"

            ComboBox3.DataSource = dt11
            ComboBox3.DisplayMember = "purity_vs"
            ComboBox3.ValueMember = "purity_id"

            ComboBox1.DataSource = dt12
            ComboBox1.DisplayMember = "particular_name"
            ComboBox1.ValueMember = "id"

            ComboBox2.DataSource = dt13
            ComboBox2.DisplayMember = "js_size"
            ComboBox2.ValueMember = "size_id"
        Catch ex As Exception
            MsgBox(ex.Message)
        End Try
        'autogenerate()
    End Sub

    Function weight()
```

```

        a = Val(TextBox3.Text)
        b = Val(TextBox5.Text)
        d = (a - b)
        TextBox1.Text = d
        Return True
    End Function

    Private Sub TextBox3_TextChanged(sender As Object, e As EventArgs) Handles
        TextBox3.TextChanged
            weight()
        End Sub

    Private Sub TextBox5_TextChanged(sender As Object, e As EventArgs) Handles
        TextBox5.TextChanged
            weight()
        End Sub

    Function display()
        Try
            ds.Clear()
            Dim q As String
            q = "select * from stock_table order by stock_id"
            Dim adp As New OleDbDataAdapter(q, comm)
            adp.Fill(ds)
            DataGridView1.DataSource = ds.Tables(0)
        Catch ex As Exception
            MsgBox(ex.Message)
            MsgBox(ex.Source)
        End Try
        Return True
    End Function

    Function clear()
        TextBox4.Clear()
        TextBox5.Clear()
        TextBox1.Clear()
        TextBox3.Clear()
        Return True
    End Function

    Function autogenerate()
        Try
            Dim dt17 As New DataTable
            Dim q As String
            q = "select max (stock_id) from stock_table"
            Dim adp As New OleDbDataAdapter(q, comm)
            adp.Fill(dt17)
            Dim data As Integer = dt17.Rows(0).Item(0)
            'Dim d As String = data.Substring(2)
            Label1.Text = data + 1
            "'st" & Str(d + 1)
        Catch ex As Exception
            MsgBox(ex.Message)
            MsgBox(ex.Source)
        End Try
    End Function

```

```

        Return 0
    End Function
    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles
Button2.Click
        Try
            cmd = New OleDbCommand("insert into stock_table values(@stock_id,
@category_id,@particulars_id,@size,@purity,@Gross_Weight,@Less_Detail,@Less_Weight,@
Net_Weight)", comm)
            dt.Rows.Add(Label11.Text, ComboBox4.SelectedValue,
ComboBox1.SelectedValue, ComboBox2.SelectedValue, ComboBox3.SelectedValue,
TextBox3.Text, TextBox4.Text, TextBox5.Text, TextBox1.Text)
            cmd.Parameters.Add("stock_ID", OleDbType.Integer, 10, "stock_ID")
            cmd.Parameters.Add("category_id", OleDbType.Integer, 10, "category_id")
            cmd.Parameters.Add("particulars_id", OleDbType.Integer, 10,
"particulars_id")
            cmd.Parameters.Add("size_id", OleDbType.Integer, 10, "size_id")
            cmd.Parameters.Add("purity_id", OleDbType.Integer, 10, "purity_id")
            cmd.Parameters.Add("Gross_Weight", OleDbType.Double, 150,
"Gross_Weight")
            cmd.Parameters.Add("Less_Detail", OleDbType.VarChar, 100, "Less_Detail")
            cmd.Parameters.Add("Less_Weight", OleDbType.Double, 100, "Less_Weight")
            cmd.Parameters.Add("Net_Weight", OleDbType.Double, 50, "Net_Weight")
            adp.InsertCommand = cmd
            adp.Update(dt)
            MsgBox("inserted Stock succesfully")
            display1()
            clear()
            autogenerate()
        Catch ex As Exception
            MsgBox(ex.Message)
            MsgBox(ex.Source)
        End Try
    End Sub

```

```

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles
Button1.Click
        Dim msgresult As MsgBoxResult = MsgBox("Do you Really want to delete ?",
MsgBoxStyle.YesNo)
        If msgresult = MsgBoxResult.Yes Then
            Try
                Dim cmd As New OleDbCommand("delete * from stock_table where
stock_id=@stock_id", comm)
                Dim dr As DataRow
                dr = dt1234.Rows(DataGridView1.CurrentRow.Index)
                dr.Delete()
                cmd.Parameters.Add(New OleDbParameter("stock_id", OleDbType.Char,
50, "stock_id"))
                adp.DeleteCommand = cmd
                adp.Update(dt1234)
                MsgBox("Record deleted succesfully")
            End Try
        End If
    End Sub

```

```

        clear()
        autogenerate()

    Catch ex As Exception
        MsgBox(ex.Message)
        MsgBox(ex.Source)
    End Try
Else : msgresult = MsgBoxResult.No
    MsgBox("Thank You Visit Again!")

End If

End Sub

Private Sub DataGridView1_CellContentClick(sender As Object, e As
DataGridViewCellEventArgs) Handles DataGridView1.CellClick
    Try
        Label1.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(0)
        ComboBox4.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(1)
        ComboBox1.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(2)
        ComboBox2.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(3)
        ComboBox3.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(4)
        TextBox3.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(5)
        TextBox4.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(6)
        TextBox5.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(7)
        TextBox1.Text = dt1234.Rows(DataGridView1.CurrentRow.Index).Item(8)
    Catch ex As Exception
        MsgBox(ex.Message)
        MsgBox(ex.Source)

    End Try
End Sub
Private Sub checkconnectionstste()
    If (comm.State = ConnectionState.Open) Then
        comm.Close()
    End If
End Sub

Private Sub Button3_Click(sender As Object, e As EventArgs) Handles
Button3.Click
    Try
        Dim q As String
        checkconnectionstste()
        q = "UPDATE stock_table SET [category_id] = " &
Val(ComboBox4.SelectedValue) & ",[particulars_id] = " & Val(ComboBox1.SelectedValue)
& ", [size_id] = " & Val(ComboBox2.SelectedValue) & ", [purity_id] = " &
Val(ComboBox3.SelectedValue) & ", [Gross_Weight] = " & TextBox3.Text & ",
[Less_Detail] = '" & TextBox4.Text & "', [Less_Weight] = " & TextBox5.Text & ",
[Net_Weight] = " & TextBox1.Text & " WHERE [stock_id] = " & Val(Label1.Text) & ""

        cmd = New OleDbCommand(q, comm)
        cmd.Connection = comm
    
```

```

        comm.Open()
        cmd.ExecuteNonQuery()
        comm.Close()
        MsgBox("Updated Successfully!")
        display1()
    Catch ex As Exception
        MsgBox(ex.Message)
        MsgBox(ex.Source)
    End Try
End Sub
Function display1()
    Try
        dt1234.Clear()
        Dim q As String
        q = "SELECT stock_table.stock_id, category.category_name,
particulars.particular_name, Js_size.js_size, purity.purity_vs,
stock_table.Gross_Weight, stock_table.Less_Detail, stock_table.Less_Weight,
stock_table.Net_Weight FROM purity INNER JOIN (Js_size INNER JOIN (particulars INNER
JOIN (category INNER JOIN stock_table ON category.category_id =
stock_table.category_id) ON particulars.ID = stock_table.particulars_id) ON
Js_size.size_id = stock_table.size_id) ON purity.Purity_ID = stock_table.purity_id
order by stock_id"
        Dim adp As New OleDbDataAdapter(q, comm)
        adp.Fill(dt1234)
        DataGridView1.DataSource = dt1234

    Catch ex As Exception
        MsgBox(ex.Message)
        MsgBox(ex.Source)
    End Try

    Return True
End Function

Private Sub Button4_Click_1(sender As Object, e As EventArgs)
    display1()
End Sub

Private Sub Panel1_Paint(sender As Object, e As PaintEventArgs) Handles
Panel1.Paint

    End Sub

Private Sub TableLayoutPanel1_Paint(sender As Object, e As PaintEventArgs)
Handles TableLayoutPanel1.Paint

    End Sub
End Class

```

# Reports

search1

ID

Name

Search

	purchase_maste	Purchase_date	supplier_Name	category_name	particular_name	purity_vs	Quantity_qt	purchase_perce	Total_weight	Description_ds
▶	P102	08-04-2022	Aditi Musunur	Gold	Ladies Ring	22	7	98	35.5	
*	P102	08-04-2022	Aditi Musunur	Gold	Earrings	22	8	98	55.8	

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search1

ID

Name

Search

	purchase_maste	Purchase_date	supplier_Name	category_name	particular_name	purity_vs	Quantity_qt	purchase_perce	Total_weight	Description_ds
▶	P101	24-06-2022	Advitiya Sujeet	Gold	Ladies Ring	24	10	98	9.5	OK
	P102	08-04-2022	Aditi Musunur	Gold	Ladies Ring	22	7	98	35.5	
	P103	08-04-2022	Aditi Musunur	Gold	Ladies Ring	22	2	98	14	r6u
	P102	08-04-2022	Aditi Musunur	Gold	Earrings	22	8	98	55.8	
	P104	08-04-2022	Aditi Musunur	Gold	Earrings	22	2	98	25	r6u
	P105	08-04-2022	Advitiya Sujeet	Gold	Pendant	20	5	98	12	ok
	P105	08-04-2022	Advitiya Sujeet	Gold	Pendant	22	25	98	25	ok
	P105	08-04-2022	Advitiya Sujeet	Gold	Pendant	22	1	98	5	ok
	P105	08-04-2022	Advitiya Sujeet	Gold	Pendant	22	2	98	65	ok

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## *Future Enhancements*

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- *Add The Barcode System For Easy Sales.*
- *Reminders For Quantity Of Stocks .*
- *Gold Price Fetching From Internet.*