

**JAVA SWING BASED
CUSTOMIZED ERP
-SQL CONNECTIVITY USING JDBC**

A

Report

*Submitted in partial fulfilment of the
Requirements for the award of the Degree of*
BACHELOR OF TECHNOLOGY
IN
INFORMATION TECHNOLOGY

By

MD.ASADUDDIN<1602-20-737-024>

Under the Guidance of

B. Leelavathy



Department of Information Technology Vasavi

**College of Engineering (Autonomous) (Affiliated
to Osmania University)**

Ibrahimbagh, Hyderabad-31

2021-2022

BONAFIDE CERTIFICATE

This to Certify that the project report titled
“CUSTOMIZED ERP” project work of Mr.Asaduddin
bearing Roll.no:1602-20-737-024who carried out
this project under my supervision in the IV
semester for the academic year 2021-2022.

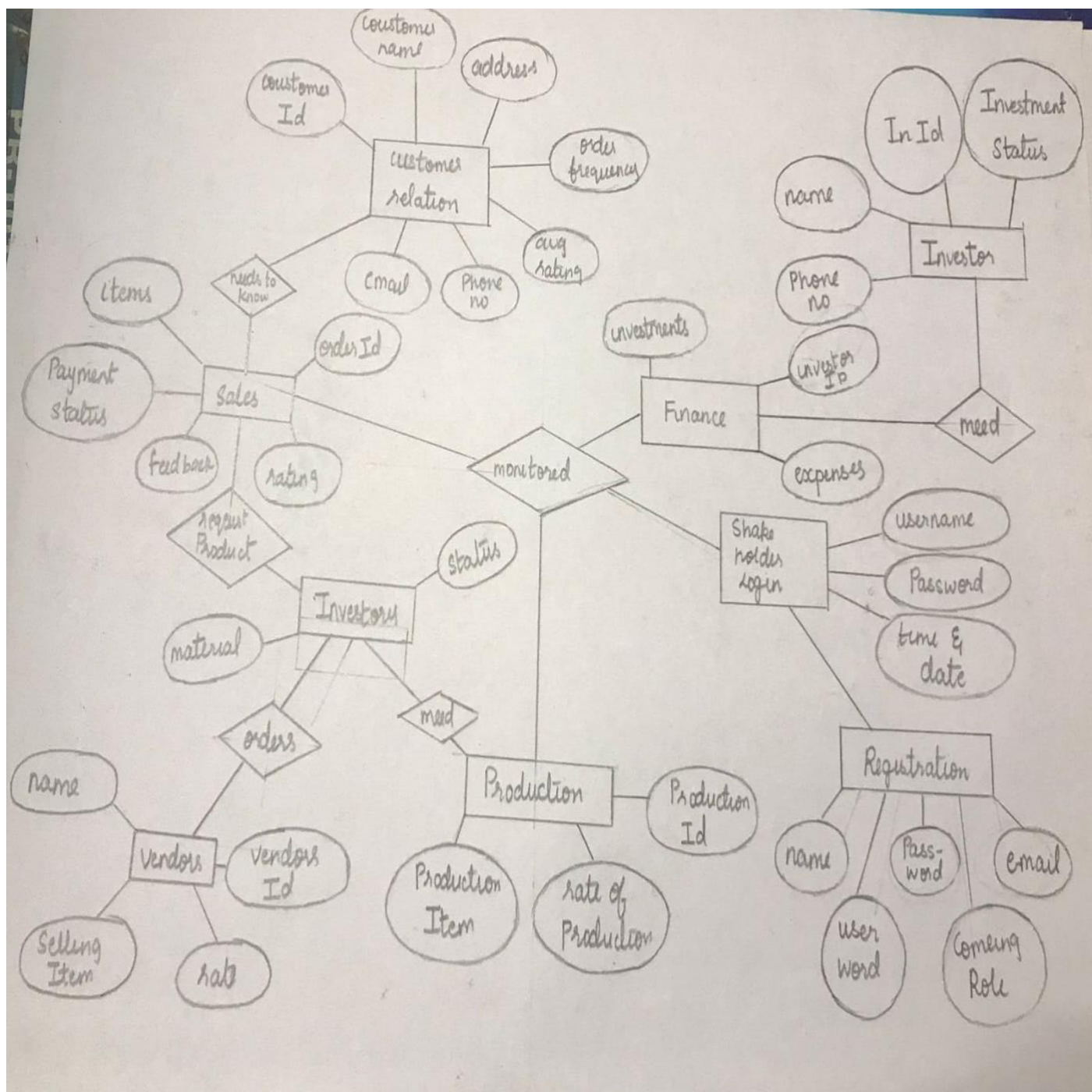
Signature
examiner

Signature external
internal examiner

CUSTOMIZED ERP

1602-20-737-024

MD.Asad



DDL COMMANDS:

1)Stakeholder:

create table stakeholder(sid number(5),username varchar2(20),password varchar2(20),name varchar2(20),primary key(sid));

```
SQL> desc stakeholder;
```

Name	Null?	Type
SID	NOT NULL	NUMBER(5)
USERNAME		VARCHAR2(20)
PASSWORD		VARCHAR2(20)
NAME		VARCHAR2(20)

2)Investor: create table investor(inid number(5),name varchar2(20),phone varchar2(20),investment_status
varchar2(20));

```
SQL> create table investor(inid number(5),name varchar2(20),phone varchar2(20),investment_status varchar2(20));

Table created.

SQL> desc investor;
Name                               Null?    Type
-----
INID                                NUMBER(5)
NAME                                VARCHAR2(20)
PHONE                              VARCHAR2(20)
INVESTMENT_STATUS                  VARCHAR2(20)
```

```
SQL> alter table investor add primary key(inid);
```

Table altered.

```
SQL> desc investor;
Name                               Null?    Type
-----
INID                                NOT NULL NUMBER(5)
NAME                                VARCHAR2(20)
PHONE                              VARCHAR2(20)
INVESTMENT_STATUS                  VARCHAR2(20)
```

3)finance: create table finance(inid number(5),expenses varchar2(20),investments
varchar2(20));

```
SQL> create table finance(inid number(5),expenses varchar2(20),investments varchar2(20));

Table created.

SQL> desc finance;
Name                               Null?    Type
-----
INID                                NUMBER(5)
EXPENSES                           VARCHAR2(20)
INVESTMENTS                        VARCHAR2(20)
```

4)customer_relation:

create table customer_relation(cid number(5),cname varchar2(20),address varchar2(50),order_frequency
number(5),avg_rating number(5),phone number(10),email varchar2(50));

```
SQL> alter table customer_relation add primary key(cid);
```

Table altered.

```
SQL> desc customer_relation;
Name                               Null?    Type
-----
CID                                NOT NULL NUMBER(5)
CNAME                             VARCHAR2(20)
ADDRESS                           VARCHAR2(50)
ORDER_FREQUENCY                   NUMBER(5)
AVG_RATING                        NUMBER(5)
PHONE                             NUMBER(10)
EMAIL                             VARCHAR2(50)
```

5)Sales:

```
create table sales(cid number(5),orderid number(5),items varchar2(20),payment_status varchar2(20),feedback
varchar2(50),rating number(5));
```

```
SQL> create table sales(cid number(5),orderid number(5),items varchar2(20),payment_status varchar2(20),feedback
varchar2(50),rating number(5));
```

Table created.

```
SQL> desc sales;
```

Name	Null?	Type
CID		NUMBER(5)
ORDERID		NUMBER(5)
ITEMS		VARCHAR2(20)
PAYMENT_STATUS		VARCHAR2(20)
FEEDBACK		VARCHAR2(50)
RATING		NUMBER(5)

```
SQL> alter table sales add primary key(orderid);
```

Table altered.

```
SQL> desc sales;
```

Name	Null?	Type
CID		NUMBER(5)
ORDERID	NOT NULL	NUMBER(5)
ITEMS		VARCHAR2(20)
PAYMENT_STATUS		VARCHAR2(20)
FEEDBACK		VARCHAR2(50)
RATING		NUMBER(5)

6)inventory:

```
create table inventory(material varchar2(20),need varchar2(20),status varchar2(20));
```

```
SQL> create table inventory(material varchar2(20),need varchar2(20),status varchar2(20));
```

Table created.

```
SQL> desc inventory
```

Name	Null?	Type
MATERIAL		VARCHAR2(20)
NEED		VARCHAR2(20)
STATUS		VARCHAR2(20)

7)vendor: create table vendor(vid number(5),name varchar2(20),selling_item varchar2(20),rate
number(5));

```
SQL> create table vendor(vid number(5),name varchar2(20),selling_item varchar2(20),rate number(5));
```

Table created.

```
SQL> desc vendor;
```

Name	Null?	Type
VID		NUMBER(5)
NAME		VARCHAR2(20)
SELLING_ITEM		VARCHAR2(20)
RATE		NUMBER(5)

8)production: create table production(pid number(5),pitem
varchar2(20),rate_of_prod number(5));

```
SQL> create table production(pid number(5),pitem varchar2(20),rate_of_prod number(5));
```

Table created.

```
SQL> desc production;
```

Name	Null?	Type
PID		NUMBER(5)
PITEM		VARCHAR2(20)
RATE_OF_PROD		NUMBER(5)

```
SQL> alter table production add primary key(pid);
```

Table altered.

```
SQL> desc production;
```

Name	Null?	Type
PID	NOT NULL	NUMBER(5)
PITEM		VARCHAR2(20)
RATE_OF_PROD		NUMBER(5)

DML COMMANDS:

1)Inserting into stakeholder:


```
SQL> insert into stakeholder values(101,'Andy_123','Andy@123','Andy Doe');
1 row created.

SQL> select *from stakeholder;

      SID USERNAME          PASSWORD          NAME
-----
      101 Andy_123          Andy@123          Andy Doe

SQL> insert into stakeholder values(102,'Rusty_123','Rusty@123','Rusty warner');
1 row created.

SQL> select *from stakeholder;

      SID USERNAME          PASSWORD          NAME
-----
      101 Andy_123          Andy@123          Andy Doe
      102 Rusty_123        Rusty@123        Rusty warner
```

2)inserting into investor:

```
SQL> insert into investor values(201,'Amith',987654321,'acceptable');
1 row created.

SQL> insert into investor values(202,'Vijay',985671234,'closed');
1 row created.

SQL> select *from investor;

      INID NAME          PHONE          INVESTMENT_STATUS
-----
      201 Amith          987654321          acceptable
      202 Vijay          985671234          closed
```

3)inserting into finance:

```
SQL> insert into finance values(201,25000,50000);
```

```
1 row created.
```

```
SQL> insert into finance values(202,50000,25000);
```

```
1 row created.
```

```
SQL> select * from finance;
```

INID	EXPENSES	INVESTMENTS
201	25000	50000
202	50000	25000

4)inserting into customer_relation:

```
SQL> insert into customer_relation values(301,'preethi','2-3-133,ananthangar,kphb colony,HYD',5,7.5,8688797940,'preethi@gmail.com');
```

```
1 row created.
```

```
SQL> insert into customer_relation values(302,'shravan','1-72,Gandhinagar,Mumbai',6,8.5,9381797920,'shravan@gmail.com');
```

```
1 row created.
```

```
SQL> select * from customer_relation;
```

CID	CNAME	ADDRESS	ORDER_FREQUENCY	AVG_RATING
301	preethi	2-3-133,ananthangar,kphb colony,HYD	5	8
302	shravan	1-72,Gandhinagar,Mumbai	6	9

CID	CNAME	PHONE	EMAIL
301	preethi	8688797940	preethi@gmail.com
302	shravan	9381797920	shravan@gmail.com

5)inserting into sales:


```
SQL> insert into sales values(401,'furniture','unpaid','good',8,301);
```

```
1 row created.
```

```
SQL> insert into sales values(402,'Appliances','paid','good',7,302);
```

```
1 row created.
```

```
SQL> select * from sales;
```

	ORDERID	ITEMS	PAYMENT_STATUS		
				RATING	CID
good	401	furniture	unpaid	8	301
good	402	Appliances	paid	7	302

6)inserting into inventory:

```
SQL> insert into inventory values('wood','2tonn','shipped');
```

```
1 row created.
```

```
SQL> insert into inventory values('fabric','1tonn','delivered');
```

```
1 row created.
```

```
SQL> select *from inventory;
```

MATERIAL	NEED	STATUS
wood	2tonn	shipped
fabric	1tonn	delivered

7)inserting into vendor:

```
SQL> insert into vendor values(501,'Raju','fabric',9);
```

```
1 row created.
```

```
SQL> insert into vendor values(502,'Rahul','steel',7);
```

```
1 row created.
```

```
SQL> select * from vendor;
```

VID	NAME	SELLING_ITEM	RATE
501	Raju	fabric	9
502	Rahul	steel	7

8)inserting into production:

```
SQL> insert into production values(601,'fabric',5000);
```

```
1 row created.
```

```
SQL> insert into production values(602,'steel',6000);
```

```
1 row created.
```

```
SQL> select * from production;
```

PID	PITEM	RATE_OF_PROD
601	fabric	5000
602	steel	6000

DBMS ASSIGNMENT – 2

CUSTOMIZED ERP

Implementation:

The UI has the following screens:

1)Stakeholder Table

Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

SID :

UserName :

Password :

Name :

Submit

Modify

Delete

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac MainUI1.java
C:\Users\ANUDEEP\Downloads>java MainUI1
```

Code:

```
import java.awt.*; import
java.awt.event.*; import
javax.swing.*;
```

```
class MainUI1 extends JFrame implements ActionListener
```

```
{
```

```
    StakeholderUI ob1;
```

```
    InvestorUI ob2;
```

```
    FinanceUI ob3;
```

```
    Customer_RelationUI ob4;
```

SalesUI ob5;

InventoryUI ob6;

VendorUI ob7;

ProductionUI ob8;

JButton submit,modify,delete,m1,m2,m3,m4,m5,m6,m7,m8;

JPanel p1,p2,p3,p4,p5,p6,p7,p8,pb;

JMenuBar mb;

public MainUI1()

{

setSize(600,550);

setLayout(null);

setVisible(true);

setTitle("Customized ERP");

ob1 = new StakeholderUI();

ob2 = new InvestorUI(); ob3 =

new FinanceUI(); ob4 = new

Customer_RelationUI(); ob5 = new

SalesUI(); ob6 = new InventoryUI();

ob7 = new VendorUI();

ob8 = new ProductionUI();

createPanels();

createMenu();

createButtons(); addComponents();

setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

}

void createPanels()

{

p1 = ob1.p;

p2 = ob2.p;

p3 = ob3.p;

p4 = ob4.p;

p5 = ob5.p;

```
        p6 = ob6.p;  
  
        p7 = ob7.p;  
  
        p8 = ob8.p;  
  
        pb = new JPanel(new FlowLayout(FlowLayout.CENTER,100,0));  
pb.setBounds(0,400,600,150);  
}
```

```
void createMenu()
```

```
{  
  
    mb = new JMenuBar();  
  
    m1 = new JButton("Stakeholder");  
m1.setFocusable(false);  
  
    m2 = new JButton("Investor");  
m2.setFocusable(false);  
  
    m3 = new JButton("Finance");  
m3.setFocusable(false);  
  
    m4 = new JButton("Customer_Relation");  
m4.setFocusable(false);  
  
    m5 = new JButton("Sales");  
m5.setFocusable(false);  
  
    m6 = new JButton("Inventory");  
m6.setFocusable(false);  
  
    m7 = new JButton("Vendor");  
m7.setFocusable(false);  
  
    m8 = new JButton("Production");  
m8.setFocusable(false);  
}
```



```
        m1.addActionListener(this);

        m2.addActionListener(this);

        m3.addActionListener(this);

        m4.addActionListener(this);

        m5.addActionListener(this);

        m6.addActionListener(this);

        m7.addActionListener(this);

        m8.addActionListener(this);
```

```
        mb.add(m1);

        mb.add(m2);

        mb.add(m3);

        mb.add(m4);

        mb.add(m5);

        mb.add(m6);

        mb.add(m7);

        mb.add(m8);
```

```
    }
```

```
    public void actionPerformed(ActionEvent e)
```

```
    {
```

```
        remove(p1);
```

```
        remove(p2);
```

```
        remove(p3);
```

```
        remove(p4);
```

```
        remove(p5);
```

```
        remove(p6); remove(p7);
```

```
        remove(p8);
```

```
        if(e.getSource()==m1)
```

```
            add(p1);
```

```
        else if(e.getSource()==m2)
```

```
            add(p2);
```

```
        else if(e.getSource()==m3)
```

```

        add(p3);

        else if(e.getSource()==m4)
            add(p4);
        else if(e.getSource()==m5)
            add(p5);
        else if(e.getSource()==m6)
            add(p6);
        else if(e.getSource()==m7)
            add(p7);
        else
            add(p8);
    }

    void createButtons()
    {
        submit = new JButton("Submit");
        submit.addActionListener(new ActionListener()
        {
            public void actionPerformed(ActionEvent e)
            {
                JOptionPane.showMessageDialog(new JFrame(),"Successfully
Inserted!","NOTICE",JOptionPane.INFORMATION_MESSAGE);
            }
        });

        modify = new JButton("Modify");
        modify.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                JOptionPane.showMessageDialog(new JFrame(),"Successfully
Modified!","NOTICE",JOptionPane.INFORMATION_MESSAGE);
            }
        });
    }

```

```

        delete = new JButton("Delete");

delete.addActionListener(new ActionListener()

    {

        public void actionPerformed(ActionEvent e)

        {

            JOptionPane.showMessageDialog(new JFrame(),"Successfully
Deleted!", "NOTICE",JOptionPane.INFORMATION_MESSAGE);

        }

    });

    pb.add(submit);

pb.add(modify);

pb.add(delete);

}

void addComponents()

{

    add(p1);

    add(p2);

    add(pb);

    setJMenuBar(mb);

}

public static void main(String a[])

{

    new MainUI1();

}

} import
javax.swing.*; class
StakeholderUI

{

    JTextField t1,t2,t3,t4;

    JLabel l1,l2,l3,l4;

    JPanel p;

    public StakeholderUI()

    {

```

```
        createComponents();  
addComponents();  
}
```

```
void createComponents()  
{  
    t1 = new JTextField();  
t1.setBounds(250,20,200,30);
```

```
    t2 = new JTextField();  
t2.setBounds(250,80,200,30);
```

```
    t3 = new JTextField();  
t3.setBounds(250,140,200,30);
```

```
    t4 = new JTextField();  
t4.setBounds(250,200,200,30);
```

```
    l1 = new JLabel("SID : ");  
l1.setBounds(100,20,100,30);
```

```
    l2 = new JLabel("UserName : ");  
l2.setBounds(100,80,100,30);
```

```
    l3 = new JLabel("Password : ");  
l3.setBounds(100,140,100,30);
```

```
    l4 = new JLabel("Name : ");  
l4.setBounds(100,200,100,30);
```

```
p = new JPanel(null);
```

```
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
        p.add(l4);
        p.add(t4);
    }
}
```

2)Investor Table

Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
INID :	<input type="text"/>						
Name :	<input type="text"/>						
Phone :	<input type="text"/>						
Investment_sta...	<input type="text"/>						
<div> <input type="button" value="Submit"/> <input type="button" value="Modify"/> <input type="button" value="Delete"/> </div>							

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac InvestorUI.java
C:\Users\ANUDEEP\Downloads>java InvestorUI
```

Code:

```
import javax.swing.*.*;

class InvestorUI
{
    JTextField t1,t2,t3,t4;
    JLabel l1,l2,l3,l4;
    JPanel p;

    public InvestorUI()
    {
        createComponents();
        addComponents();
    }

    void createComponents()
    {
        t1 = new JTextField();
        t1.setBounds(250,20,200,30);

        t2 = new JTextField();
        t2.setBounds(250,80,200,30);

        t3 = new JTextField();
```

```

        t3.setBounds(250,140,200,30);

        t4 = new JTextField();
        t4.setBounds(250,200,200,30);


        l1 = new JLabel("INID : ");
        l1.setBounds(100,20,100,30);

        l2 = new JLabel("Name : ");
        l2.setBounds(100,80,100,30);

        l3 = new JLabel("Phone : ");
        l3.setBounds(100,140,100,30);

        l4 = new JLabel("Investment_status : ");
        l4.setBounds(100,200,100,30);



        p = new JPanel(null);
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
        p.add(l4);
        p.add(t4);

    }
}

```

3)Finance Table

 Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
INID :		<input type="text"/>					
Expenses :		<input type="text"/>					
Investments :		<input type="text"/>					
<input type="button" value="Submit"/>		<input type="button" value="Modify"/>		<input type="button" value="Delete"/>			

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac FinanceUI.java
C:\Users\ANUDEEP\Downloads>java FinanceUI
```

Code:

```
import javax.swing.*;

class FinanceUI
{
    JTextField t1,t2,t3;
    JLabel l1,l2,l3;
    JPanel p;

    public FinanceUI()
    {
        createComponents();
        addComponents();
    }

    void createComponents()
    {
        t1 = new JTextField();
        t1.setBounds(250,20,200,30);

        t2 = new JTextField();
        t2.setBounds(250,80,200,30);

        t3 = new JTextField();
        t3.setBounds(250,140,200,30);
    }
}
```

```

        l1 = new JLabel("INID : ");
        l1.setBounds(100,20,100,30);

        l2 = new JLabel("Expenses : ");
        l2.setBounds(100,80,100,30);

        l3 = new JLabel("Investments : ");
        l3.setBounds(100,140,100,30);

        p = new JPanel(null);
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
    }
}

```

4)Customer_RelationTable

Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

CID :

CName :

Address :

Order_frequenc...

Avg_rating :

phone :

Email :

Submit Modify Delete

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac Customer_RelationUI.java
C:\Users\ANUDEEP\Downloads>java Customer_RelationUI
```

Code:

```
import javax.swing.*;

class Customer_RelationUI
{
    JTextField t1,t2,t3,t4,t5,t6,t7;
    JLabel l1,l2,l3,l4,l5,l6,l7;
    JPanel p;

    public Customer_RelationUI()
    {
        createComponents();
        addComponents();
    }

    void createComponents()
    {
        t1 = new JTextField();
        t1.setBounds(250,20,200,30);

        t2 = new JTextField();
        t2.setBounds(250,80,200,30);

        t3 = new JTextField();
        t3.setBounds(250,140,200,30);

        t4 = new JTextField();
```



```

        t4.setBounds(250,200,200,30);

        t5 = new JTextField();
        t5.setBounds(250,260,200,30);

        t6 = new JTextField();
        t6.setBounds(250,310,200,30);

        t7 = new JTextField();
        t7.setBounds(250,370,200,30);


        l1 = new JLabel("CID : ");
        l1.setBounds(100,20,100,30);

        l2 = new JLabel("CName : ");
        l2.setBounds(100,80,100,30);

        l3 = new JLabel("Address : ");
        l3.setBounds(100,140,100,30);

        l4 = new JLabel("Order_frequency : ");
        l4.setBounds(100,200,100,30);

        l5 = new JLabel("Avg_rating : ");
        l5.setBounds(100,260,100,30);

        l6 = new JLabel("phone : ");
        l6.setBounds(100,310,100,30);

        l7 = new JLabel("Email : ");
        l7.setBounds(100,370,100,30);


        p = new JPanel(null);
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
        p.add(l4);
        p.add(t4);
        p.add(l5);
        p.add(t5);
        p.add(l6);
        p.add(t6);
        p.add(l7);
        p.add(t7);

    }
}

```

5)Sales Table

Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

CID :

OrderID :

Items :

Payment_statu...

Feedback :

Rating :

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac SalesUI.java
C:\Users\ANUDEEP\Downloads>java SalesUI
```

Code:

```
import javax.swing.*.*;

class SalesUI
{
    JTextField t1,t2,t3,t4,t5,t6;
    JLabel l1,l2,l3,l4,l5,l6;
    JPanel p;

    public SalesUI()
    {
        createComponents();
        addComponents();
    }

    void createComponents()
    {
        t1 = new JTextField();
```

```

        t1.setBounds(250,20,200,30);

        t2 = new JTextField();
        t2.setBounds(250,80,200,30);

        t3 = new JTextField();
        t3.setBounds(250,140,200,30);

        t4 = new JTextField();
        t4.setBounds(250,200,200,30);

        t5 = new JTextField();
        t5.setBounds(250,260,200,30);

        t6 = new JTextField();
        t6.setBounds(250,310,200,30);


        l1 = new JLabel("CID : ");
        l1.setBounds(100,20,100,30);

        l2 = new JLabel("OrderID : ");
        l2.setBounds(100,80,100,30);

        l3 = new JLabel("Items : ");
        l3.setBounds(100,140,100,30);

        l4 = new JLabel("Payment_status : ");
        l4.setBounds(100,200,100,30);

        l5 = new JLabel("Feedback : ");
        l5.setBounds(100,260,100,30);

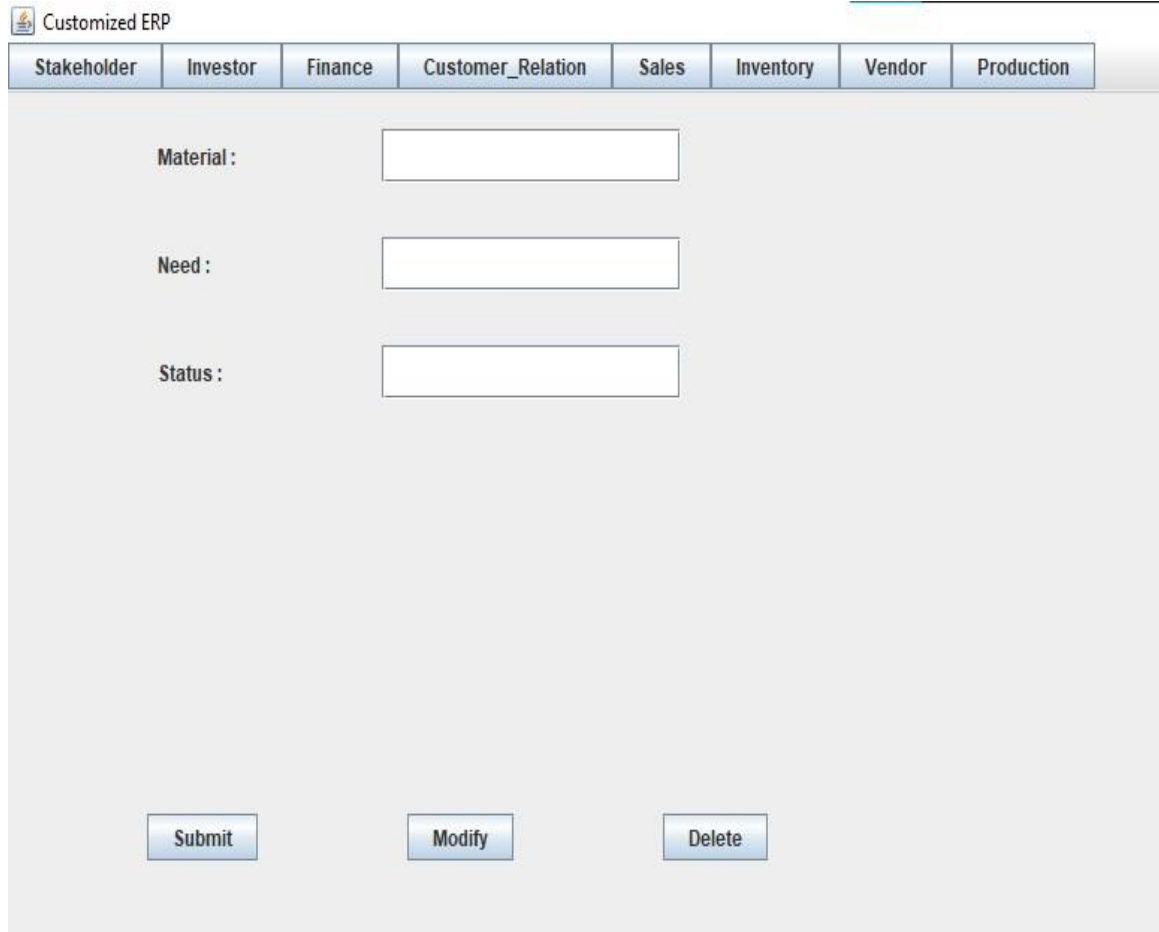
        l6 = new JLabel("Rating : ");
        l6.setBounds(100,310,100,30);

        p = new JPanel(null);
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
        p.add(l4);
        p.add(t4);
        p.add(l5);
        p.add(t5);
        p.add(l6);
        p.add(t6);
    }
}

```

6)InventoryTable



Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

Material :

Need :

Status :

Compilation

```
C:\Users\ANUDEEP\Downloads>javac InventoryUI.java
C:\Users\ANUDEEP\Downloads>java InventoryUI
```

Code:

```
import javax.swing.*;

class InventoryUI
{
    JTextField t1,t2,t3;
    JLabel l1,l2,l3;
    JPanel p;

    public InventoryUI()
    {
        createComponents();
        addComponents();
    }

    void createComponents()
    {
        t1 = new JTextField();
        t1.setBounds(250,20,200,30);

        t2 = new JTextField();
        t2.setBounds(250,80,200,30);
```

```
t3 = new JTextField();  
t3.setBounds(250,140,200,30);
```

```
l1 = new JLabel("Material : ");  
l1.setBounds(100,20,100,30);
```

```
l2 = new JLabel("Need : ");  
l2.setBounds(100,80,100,30);
```

```
l3 = new JLabel("Status : ");  
l3.setBounds(100,140,100,30);
```

```
p = new JPanel(null);  
p.setBounds(0,0,600,400);
```

```
}
```

```
void addComponents()
```

```
{
```

```
    p.add(l1);
```

```
    p.add(t1);
```

```
    p.add(l2);
```

```
    p.add(t2);
```

```
    p.add(l3);
```

```
    p.add(t3);
```

```
}
```

```
}
```


7) Vendor Table

Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

VID :

Name :

Selling_Item :

Rate :

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac VendorUI.java  
C:\Users\ANUDEEP\Downloads>java VendorUI
```

Code:

```
import javax.swing.*;

class VendorUI
{
    JTextField t1,t2,t3,t4;
    JLabel l1,l2,l3,l4;
    JPanel p;

    public VendorUI()
    {
        createComponents();
        addComponents();
    }

    void createComponents()
    {
        t1 = new JTextField();
        t1.setBounds(250,20,200,30);

        t2 = new JTextField();
        t2.setBounds(250,80,200,30);

        t3 = new JTextField();
```

```

        t3.setBounds(250,140,200,30);

        t4 = new JTextField();
        t4.setBounds(250,200,200,30);


        l1 = new JLabel("VID : ");
        l1.setBounds(100,20,100,30);

        l2 = new JLabel("Name : ");
        l2.setBounds(100,80,100,30);

        l3 = new JLabel("Selling_Item : ");
        l3.setBounds(100,140,100,30);

        l4 = new JLabel("Rate : ");
        l4.setBounds(100,200,100,30);


        p = new JPanel(null);
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
        p.add(l4);
        p.add(t4);
    }
}

```

8) Production table:

Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

PID :

Pitem :

Rate of prod :

Compilation:

```
C:\Users\ANUDEEP\Downloads>javac ProductionUI.java  
C:\Users\ANUDEEP\Downloads>java ProductionUI
```

Code:

```
import javax.swing.*.*;  
  
class ProductionUI  
{  
    JTextField t1,t2,t3;  
    JLabel l1,l2,l3;  
    JPanel p;  
  
    public ProductionUI()  
    {  
        createComponents();  
        addComponents();  
    }  
  
    void createComponents()  
    {  
        t1 = new JTextField();  
        t1.setBounds(250,20,200,30);  
  
        t2 = new JTextField();  
        t2.setBounds(250,80,200,30);  
  
        t3 = new JTextField();  
        t3.setBounds(250,140,200,30);
```

```

        l1 = new JLabel("PID : ");
        l1.setBounds(100,20,100,30);

        l2 = new JLabel("Pitem : ");
        l2.setBounds(100,80,100,30);

        l3 = new JLabel("Rate of prod : ");
        l3.setBounds(100,140,100,30);

        p = new JPanel(null);
        p.setBounds(0,0,600,400);
    }

    void addComponents()
    {
        p.add(l1);
        p.add(t1);
        p.add(l2);
        p.add(t2);
        p.add(l3);
        p.add(t3);
    }
}

```

Inserting

Customized ERP

Stakeholder

Investor

Finance

Customer_Relation

Sales

Inventory

Vendor

Production

SID :

1

UserName :

Andy_123

Password :

Andy@123

Name :

Andy_Doe

Submit

Modify

Delete

NOTICE

Successfully Inserted!

OK

Modifying

Customized ERP

Stakeholder

Investor

Finance

Customer_Relation

Sales

Inventory

Vendor

Production

INID :

201

Name :

Amith

Phone :

9876543210

Investment_sta...

Closed

Submit

Modify

Delete

NOTICE

Successfully Modified!

OK

Deleting



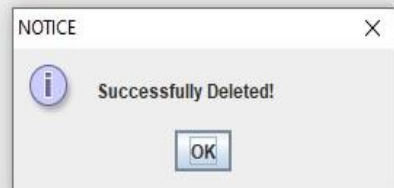
Customized ERP

Stakeholder	Investor	Finance	Customer_Relation	Sales	Inventory	Vendor	Production
-------------	----------	---------	-------------------	-------	-----------	--------	------------

INID :

Expenses :

Investments :



LINKS:

<https://github.com/ASADUDDIN-24/DBMS-PROJECT>

Results: I had successfully completed PROJECT on “CUSTOMIZED ERP”

Discussion and future Work:

This application provides customized ERP to the stakeholder as per his requirements

CONCLUSION:

Thus, a Java SWING based **CUSTOMIZED ERP** is created which is connected to the Oracle 11g database. Therefore, all the entries and details are directly updated on their respective tables created in the database

