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INTRODUCTION TO EXPORT SYSTEM:

For optimal export processes, you need robust functionality for managing your products Support for export system helps you record and track materials on the basis of both quantity and value.

Keeping record of the goods that were exported to customer is tedious task. Many of the times the records are misplaced and often lead to confusion. Using this software we can reduce the work of keeping records, details of the quantity of products, order details, and client details are kept in well structured manner.

SOFTWARE REQUIREMENT ANALYSIS:

PROJECT PLANNING AND ANALYSIS:

Today Organizations are maintaining most of their day-to-day transactions data in the register's work is done manually (i.e. maintained in registers) so different employees are appointed for the maintenance of registers containing all the information related to the organization.

It is very time consuming and is also not error free in some situations. In existing manual system databases calculations are difficult to perform so report generation as very much difficult.

PLANING:

To enhance the working of such organization we have planned to build a software which can be used by the organisation to pay the employee with no error and low human power will be required for maintaining the records of the employees using the software than the register system.

MAIN MOTIVE:

The proposed will also prevent unauthorized access to the system. At the very beginning, the password is to be entered by the user and if it is correct only then the permission to use the software is given to user.

USER:

A person who knows how to operate a computer system and has a little interaction with the C programming language.

SOFTWARE DEVELOPMENT PROCESS MODEL USED:

COMPONENT BASED MODEL:

This model was used by us to complete the software rapidly and easily. We found some components from our previous project and some using internet.

Phases defined under the development of the project are:

• Requirement Analysis:

This was done for understanding of the project and was done by the use of internet as we are some students of science and didn't know about the payroll system.

• Designing:

In this phase we divided the software into small modules such that no module was affecting the work of another module.

• Construction:

In this we used some components from our libraries to speed up the project and constructed the new part that was required to complete the software. eg. The password section was copied from the previous software.

• Testing:

First the module level and then the system level testing was done.

• Deployment:

The software was delivered and feedback were asked and changes were made according to the requirement.

SOFTWARE REQUIREMENTS:

Operating system: Windows 98, XP,and all new versions.

Specific application:

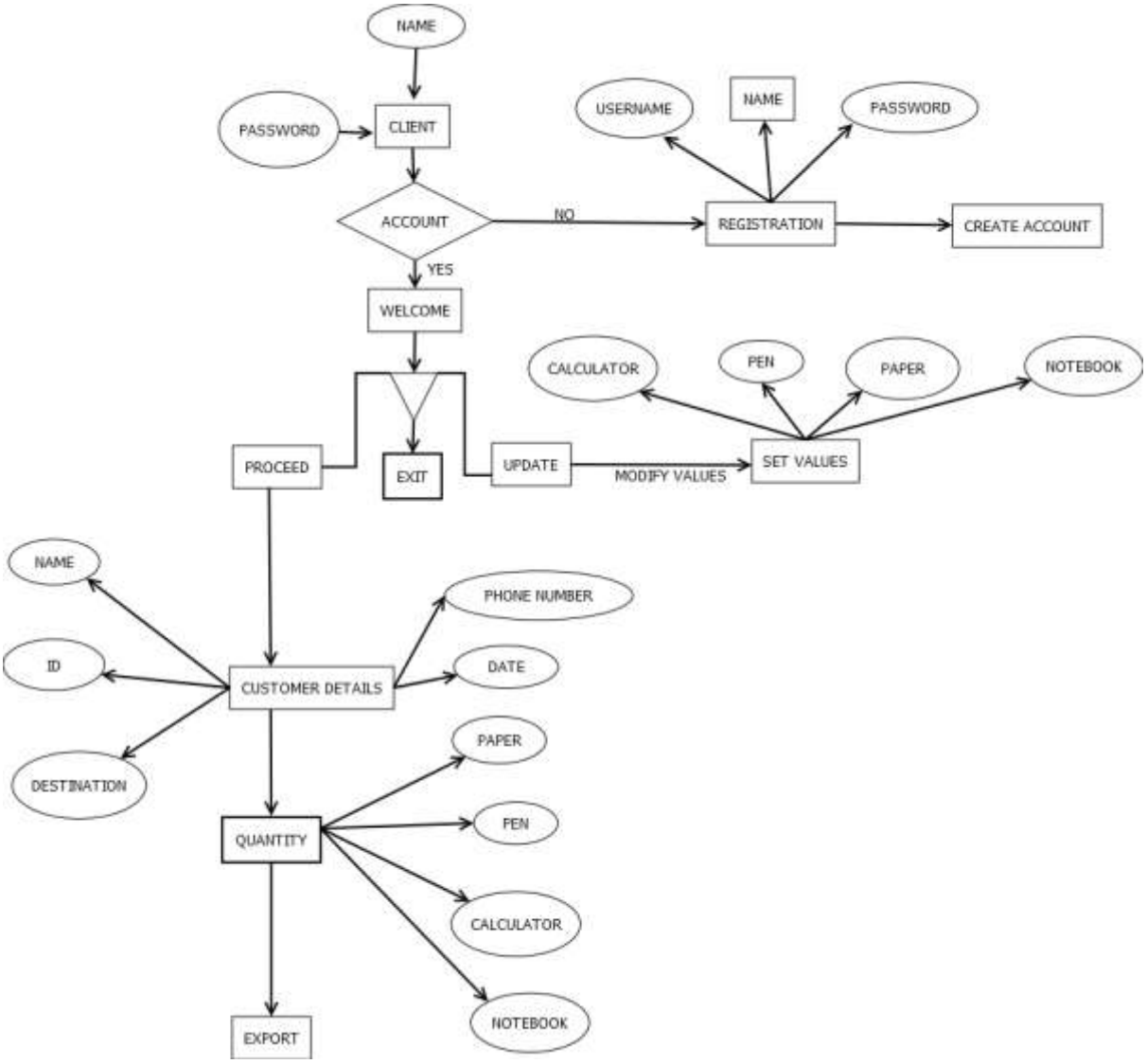
A compiler of JAVA is required. JAVA Eclipse is referred as the software is made using the same compiler.

HARDWARE REQUIREMENTS:

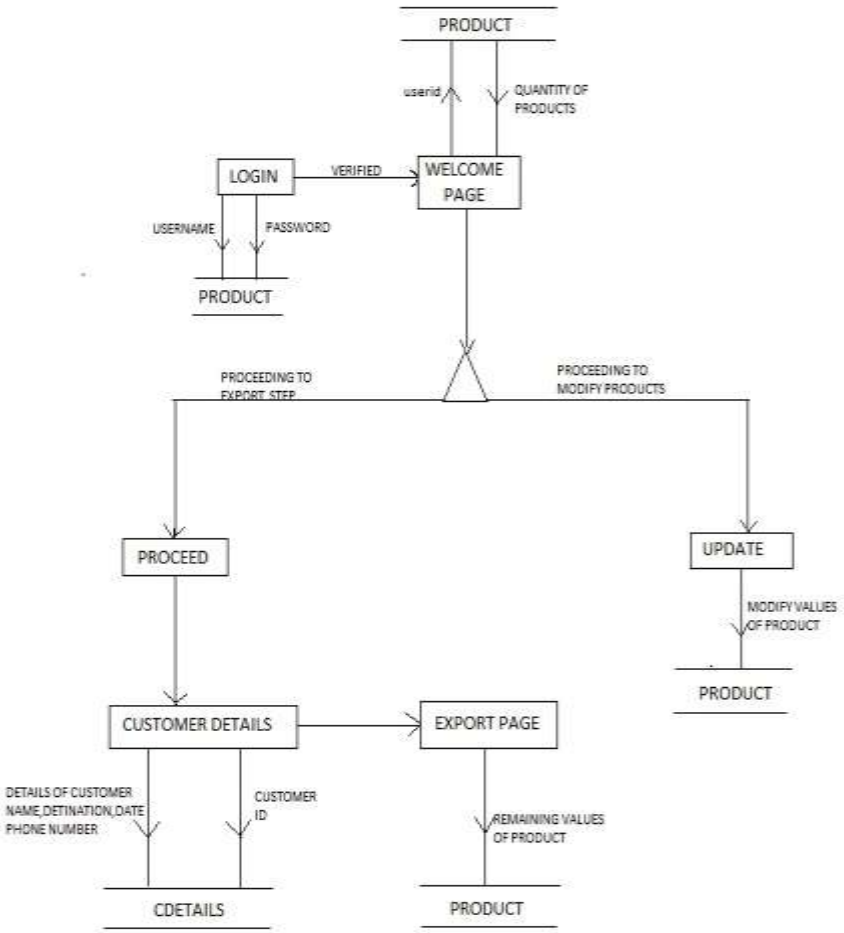
A computer system that has the capacity to install all the above application.

- > 500 MB RAM
- Storage according to the size of your organisation. i.e. number of employees.

ER DIAGRAM


NAME
PASSWORD
CLIENT
USERNAME
NAME
PASSWORD
ACCOUNT
NO
REGISTRATION
CREATE ACCOUNT
YES
WELCOME
CALCULATOR
PEN
PAPER
NOTEBOOK
PROCEED
EXIT
UPDATE
MODIFY VALUES
SET VALUES
NAME
PHONE NUMBER
ID
DATE
CUSTOMER DETAILS
PAPER
DESTINATION
QUANTITY
PEN
CALCULATOR
NOTEBOOK
EXPORT

DATA FLOW DIAGRAM



Data Dictionary:-

In this project we have used only one object that stores the basic information about the employee.

The data about the employee is as follows:

Sr. No.	Variable Name	Data Type	Uses
1	fname	String	Stores the first name of employee
2	lname	String	Stores the last name of employee
3	eid	Integer	Stores the employee id of employee
4	doj	Structure	Stores the date of joining of employee
5	desig	Integer	Stores the designation of employee
6	basepay	Long int	Stores the basic salary of employee

Coding:-

```
package payroll;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
```

LOGIN BUTTON

```
{
String uname=t1.getText();
    String n=t2.getText();
    int q=Integer.parseInt(n);
     try {
        Class.forName("com.mysql.jdbc.Driver");
       Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/abhi","root","root");
       Statement stmt=conn.createStatement();
       String query="select uid,uname from Products;";
       ResultSet rs=stmt.executeQuery(query);
       int i=0;
        while(rs.next()) {
       int p=rs.getInt("uid");
       String s=rs.getString("uname");
       if ((p==q)&&(s.equals(uname)))
       {++i;}}
          if(i==1)
          {new welcome(n).setVisible(true);
          this.dispose();
          }
         else
```

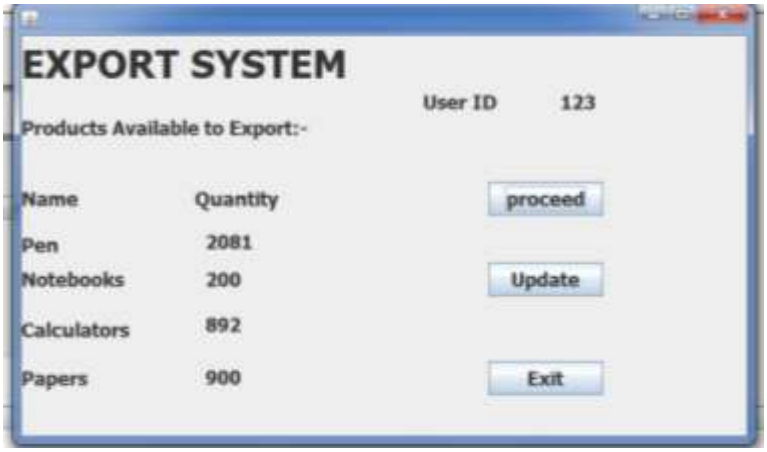
```
        JOptionPane.showMessageDialog(null,"incorrect");
         //model.addRow(new Object[] {m,n});
         rs.close();
         stmt.close();
         conn.close();}
       catch(Exception e){
         JOptionPane.showMessageDialog(null,"Error in connectivity");
    } }
```

REGISTER BUTTON

```
new register().setVisible(true);
```

EXIT BUTTON

this.dispose();



PROCEED BUTTON

```
String t;
     t=l1.getText();
         new customer_details(t).setVisible(true);
         this.dispose();
```

UPDATE BUTTON

```
String t;
     t=l1.getText();
         new updateproducts(t).setVisible(true);
```

this.dispose();

EXIT BUTTON

System.exit(0);

PROCEED BUTTON

```
{ String date,month,year,phoneNum,custId,Destination,name,uid;
    uid=jLabel10.getText();
    int uidj;
    uidj=Integer.parseInt(uid);
    date=t1.getText();
    month=t6.getText();
    year=t7.getText();
  phoneNum=t2.getText();
    custId=t3.getText();
  int custIdj,datej,monthj,yearj;
  datej=Integer.parseInt(date);
  monthj=Integer.parseInt(month);
  yearj=Integer.parseInt(year);
   custIdj=Integer.parseInt(custId);
    Destination=t4.getText();
    name=t5.getText();
    PreparedStatement pstmt=null;
     try {
```

```
Class.forName("com.mysql.jdbc.Driver");

Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/abhi","root","root");

pstmt=conn.prepareStatement("insert into cdetails
values('"+custIdj+"','"+Destination+"','"+name+"','"+uid+"','"+datej+"','"+monthj+"','"+yearj+
"','"+phoneNum+"');");

pstmt.executeUpdate();

JOptionPane.showMessageDialog(null,"Record Updated Sucessfully");

conn.close();

String t;

t=jLabel10.getText();

new Exportpage(t).setVisible(true);

}

catch(Exception e){


JOptionPane.showMessageDialog(null,"Error in connectivity");

}

}
```

EXIT BUTTON

```
System.exit(0);
```

EXPORT BUTTON

```
String r,t,m,n;
```

```
r=j1.getText();
t=j2.getText();
m=j3.getText();
n=j4.getText();
 int pen,Ntbook,calci,papers;
      pen=Integer.parseInt(r);
      Ntbook=Integer.parseInt(t);
     calci=Integer.parseInt(m);
     papers=Integer.parseInt(n);
int p,nt,c,pa;
p=0;
nt=0;
c=0;
pa=0;
{int id;
String s;
 s=jLabel7.getText();
      id=Integer.parseInt(s);
      try {
         Class.forName("com.mysql.jdbc.Driver");
       Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/abhi","root","root");
       Statement stmt=conn.createStatement();
       String query="select pen,Note_Books,Calculators,Papers from Products where
uid="+s+";";
       ResultSet rs=stmt.executeQuery(query);
       while(rs.next()) {
       p=rs.getInt("pen");
       nt=rs.getInt("Note_Books");
       c=rs.getInt("Calculators");
       pa=rs.getInt("Papers");
```

```
        }
        rs.close();
        stmt.close();
        conn.close();
        int d1,d2,d3,d4;
        d1=0;
        d2=0;
        d3=0;
        d4=0;
if((pen<=p)&&(Ntbook<=nt)&&(calci<=c)&&(papers<=pa))
  {
    d1=p-pen;
    d2=nt-Ntbook;
    d3=c-calci;
    d4=pa-papers;
    jLabel11.setText(""+d1);
    jLabel12.setText(""+d2);
    jLabel13.setText(""+d3);
    jLabel14.setText(""+d4);
    Statement stmt=conn.createStatement();
    }
  else
  {JOptionPane.showMessageDialog(null,"wrong input");
  }}
 catch(Exception e){
        JOptionPane.showMessageDialog(null,"Error in connectivity");
    }}
```

CREATE ACCOUNT BUTTON

```
{String name,password,username,rpassword;
name=t1.getText();
password=t3.getText();
username=t2.getText();
rpassword=t4.getText();
if(password.contentEquals(rpassword))
{  try {
 int pass;
 int passd;
 pass=Integer.parseInt(password);
        Class.forName("com.mysql.jdbc.Driver");
      Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/abhi","root","root");
      Statement stmt=conn.createStatement();
      String query="select uid from Products;";
      ResultSet rs=stmt.executeQuery(query);
      int i=0;
      while(rs.next())
      { passd=rs.getInt("uid");
        if(passd==pass)
           {++i;
         JOptionPane.showMessageDialog(null,"type another Password");
```

```
            break;
            }}
          if(i==0)
          { String cmd;
          cmd="insert into register values('"+name+"','"+password+"','"+username+"');";
           stmt.executeUpdate(cmd);
           JOptionPane.showMessageDialog(null,"Account created");
           int x;
           x=0;
           String comd;
            comd="insert into products
values('"+password+"','"+x+"','"+x+"','"+x+"','"+x+"','"+x+"','"+username+"');";
            stmt.executeUpdate(comd);
            JOptionPane.showMessageDialog(null,"Now you can login");
            this.dispose();
           }
       }
         catch(Exception e){
        JOptionPane.showMessageDialog(null,"Error in connectivity");
    }
}
else
{
    JOptionPane.showMessageDialog(null,"type Password carfully");
}}
```

UPDATE BUTTON

```
{String pen,Notebk,calci,papers;
      pen=t1.getText();
      Notebk=t2.getText();
      calci=t3.getText();
papers=t4.getText();
int penj,Notebkj,calcij,papersj;
int p,nt,cal,pa;
p=0;
nt=0;
cal=0;
pa=0;
penj=Integer.parseInt(pen);
Notebkj=Integer.parseInt(Notebk);
calcij=Integer.parseInt(calci);
papersj=Integer.parseInt(papers);

 String uid;
      uid=jLabel12.getText();
      int uidj;
       uidj=Integer.parseInt(uid);
try {
         Class.forName("com.mysql.jdbc.Driver");
```

```
        Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/abhi","root","root");

        Statement stmt=conn.createStatement();

        String query="select pen,Note_Books,Calculators,Papers from Products where
uid="+uidj+";";

        ResultSet rs=stmt.executeQuery(query);

        while(rs.next()) {

           p=rs.getInt("pen");

        nt=rs.getInt("Note_Books");

        cal=rs.getInt("Calculators");

        pa=rs.getInt("Papers");}

        p=p+penj;

        jLabel6.setText(""+p);

        nt=nt+Notebkj;

        jLabel7.setText(""+nt);

        cal=cal+calcij;

        jLabel8.setText(""+cal);

        pa=pa+papersj;

        jLabel9.setText(""+pa);

        JOptionPane.showMessageDialog(null,"Updating new Data..");

        String comd="update Products set
pen='"+jLabel6.getText()+"',Note_Books='"+jLabel7.getText()+"',Calculators='"+jLabel8.get
Text()+"',Papers='"+jLabel9.getText()+"'where uid="+uidj+";";

    stmt.executeUpdate(comd);

      JOptionPane.showMessageDialog(null,"Saved in Rcord");

        jLabel3.setText(rs.getString("Note_Books"));

        jLabel4.setText(rs.getString("Calculators"));

        jLabel5.setText(rs.getString("Papers"));*/

        rs.close();

        stmt.close();

        conn.close();

        String t;
```

```
    t=jLabel12.getText();
       new welcome(t).setVisible(true);
       this.dispose();
}
        catch(Exception e){
       JOptionPane.showMessageDialog(null,"Error in connectivity");
    }
}
```