



Sudha

PATNA WOMEN'S COLLEGE

Autonomous College

PATNA UNIVERSITY

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Title of the Project

“LIQUID MILK MANAGEMENT SYSTEM”

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SESSION:- 2016-2019

B.A/B.Sc. in Computer Applications

Submitted to the Department of Computer Science

In partial fulfilment of the requirements

For the award of the degree



Sudha

A Project Report On

“LIQUID MILKMANAGEMENT SYSTEM”

Sponsored By:

VAISHAL PATLIPUTRA DUGDH
UTPADAK SAHKARI SANGH LTD.

Feeder Balancing Dairy Complex,
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Submitted to:

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CERTIFICATE OF APPROVAL

This is to certify that, the Project Entitled "**LIQUID MILK MANAGEMENT SYSTEM**" embodies the original work done by KRITTIKA (Roll- 39), ANIMA KUMARI (Roll-40) & NEHA KUMARI (Roll-41) "Department Of Computer science (B.A./B.Sc. in Computer Applications)" Session 2016-2019 of **Patna Women's College** is worthy of consideration, for the partial fulfillment of Project, for the award of degree in Computer Applications from Patna University.

.....
INTERNAL

.....
EXTERNAL

.....
HEAD OF THE DEPARTMENT



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ACKNOWLEDGEMENT

Acknowledgement is the most beautiful page in any project's final pages. More than a formality, this appears to us the best opportunity to express our gratitude.

We would humbly express our gratitude to **Mr. Sudhir Kumar Singh**, MD, Center Head, PDP Patna.

We want to express our sincere thanks towards PATNA DAIRY PROJECT, PHULWARISHARIF, PATNA, for giving us an opportunity for the SOFTWARE DEVELOPMENT which gives us a pleasureable experience. With the blessings of God's grace and Great Teamwork. We was able to satisfactorily complete the project.

We would like to thank **Mr. Suresh Kumar, MIS Head** for his guidance, supervision and posing the Confidet in us and assigning the work to Develop the Project.

We are also greatful to **Mrs. Manisha Prashad, HOD (BCA)** and other faculty members for their consistent guidance and support throughout the Project.

And Of course, a very big thanksto our Project Guide **Mr. Rahul Singh** for his Technical Support during this project.



PREFACE

This Project training is the Development of Software, under the demand of “B.A./B.Sc. in Computer Applications” course to undergo ON-THE-JOB TRAINING in the final year. The objective of the training is that, I should experience the practical work and gain the knowledge to develop the quality of a working environment.

Project Training

ON JOB TRAINING(Internship)



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INTRODUCTION TO PATNA DAIRY PROJECT (PHULWARISHARIF, PATNA)





PDP

was started at 1st october, 1981 through the National Dairy Development Board (NDB). NDB handed over the arrangements of Patna Dairy Project (PDP) to Vaishal Patliputra Dugdh Utpadak Sahkari Sangh Ltd. (VPDUSS) with effect from 1st july, 1988.

MANAGING DIRECTOR (Sudhir Kr Singh)



The project is the brain child of Sudhir Kr Singh. He is also heading other several organisations. He is also an office bearer of industrialist apex body called Bihar Industries Association. He has a vast experience in working In Steam Engineering, Industrial Automation & Instrumentation, Heat Recovery & Energy Conservation Systems & Power Generation Systems.

PROJECT GUIDE AT PDP



Mr. Suresh Kumar {MIS at PDP}



Sudha

INTRODUCTION TO

Liquid Milk

Management System

(PROJECT)



In this Project, we discussed about the Software whose main work is to Maintain Daily Supply of the milk as per Daily & Monthly Demands of Distributors and Retailers.



All tasks are carried out by the system as per the processes defined by the management team. For this, the organization maintains two types of authorization that is :

ADMINISTRATOR

USER/GUEST

The whole system in general was known as the LIQUID MILK MANAGEMENT SYSTEM.



LIQUID MILK MANAGEMENT SYSTEM for **PATNA DAIRY PROJECT** is basically designed for managing the supply & marketing of milk of the company described above. In this system, Main Product Records, Product Records and Distributor_Master Entry are maintained very strictly because it is very important to secure and restrict the unauthentic user. Other jobs like Zone_Master Entry, Retailer_Master Entry, Crad_Transaction Entry, Demand_Table Entry or any Report generation can be done by users, who are registered and are given a specific username and password.



OBJECTIVE

- To make the interface user friendly.
- To make the system secure by adding login details.
- To make the system self sustainable such that the physical work can be avoided.
- To acquire knowledge about management practices which will be useful for us in future.
- To enhance the facilities of existing system.
- Customer satisfaction and implementation of new technology.
- On the whole the system should be profitable than the previous non computerized system.



TOOLS AND ENVIRONMENTS



OPERATING SYSTEM

WINDOWS 8.1 Pro



FRONT END

JAVA



BACK END

ORACLE 10g

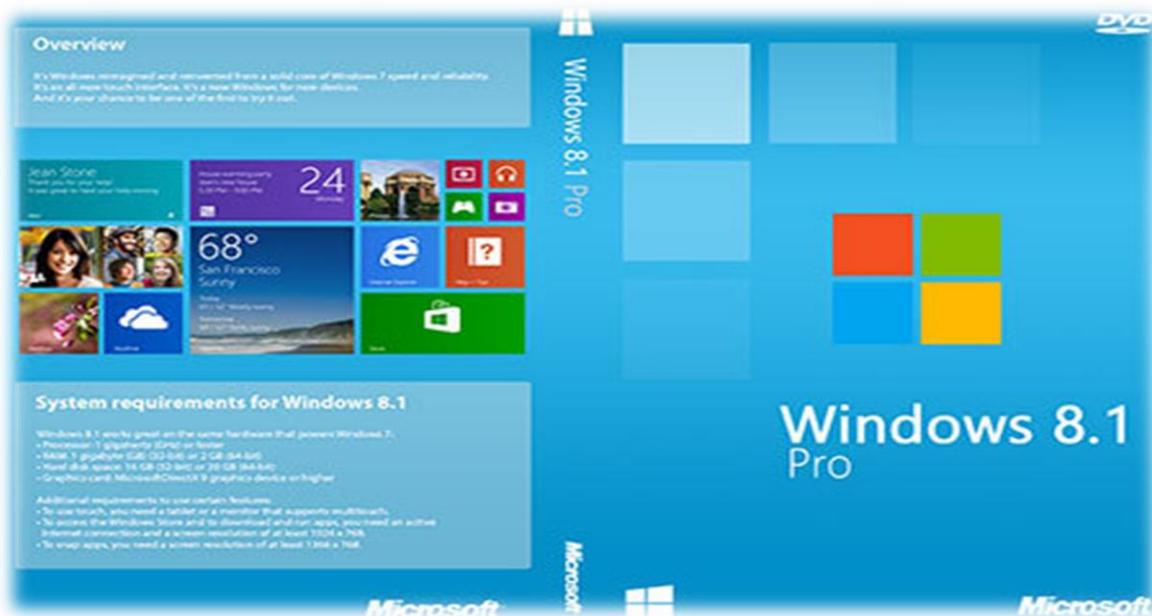


JDBC DRIVERS

JDBC 7



WONDOWS 8.1 Pro



Windows 8.1 is a personal computer Operating System developed by Microsoft. It is a part of the Windows NT family of operating systems. Windows 8.1 was released to manufacturing on August 27, 2013, and became generally available on October 17, 2013.

Some of the new features introduced in Windows 8.1 include the following:

- ❖ Desktop Tweaks.
- ❖ Cloud Capabilities.
- ❖ Bing Smart Search.
- ❖ Multi Window Mode.
- ❖ Keyboard Gesture and Auto Predict.
- ❖ Easier Configuration.
- ❖ Remote Desktop (Host).



Windows 8.1 Pro is available in 3 different editions, of which the 8.1, 8.1 Pro and 8.1 Enterprise were available at retail in most countries, and as pre-loaded software on new computers.

Windows 8.1 Pro is the operating system intended for small and medium-sized businesses. It provides abilities such as joining corporate domains, participating in Group Policy, allowing involvement in Work Place Join and Work Folders, encryption and more. You can find a good list of business features in the IT Guide to Windows 8.1. Note that some of the new business features in Windows 8.1 Pro require a server running Windows Server 2012 R2 somewhere in the organization.

About PC

- + Intel i3 Processor
- + 15.6" HD LCD
- + 4GB DDR3 Memory
- + 1TB Hardisk
- + DVD-Super Multi DL drive
- + 6-cell Li-ion battery



JAVA



Java is a set of several computer software and specifications developed

by Sun Microsystems, later acquired by Oracle Corporation that provides a system for developing application software and deploying it in a cross-platform computing environment. Java is used in a wide variety of computing platforms from embedded devices and mobile phones to enterprise servers and supercomputers.

While less common, Java applets run in secure, sandboxed environments to provide many features of native applications and can be embedded in HTML pages.

General Purpose

Java capabilities are not limited to any specific application domain rather it can be used in various application domain and hence it is called General Purpose Programming Language.



Class Based

Java is a Class Based/Oriented Programming Language which means Java supports inheritance feature of Object-Oriented Programming Language.

Object Oriented

Java is Object-Oriented means software developed in Java are combination of different types of object.

Platform Independent

A java code will run on any JVM (JAVA VIRTUAL MACHINE). Literally we can run same Java Code on Window JVM LINUX JVM, Mac JVM or any other JVM practically and get same result every time.

Distributed

Java Supports Distributed System which means we can access files over Internet just by calling the methods.

Portable

A Java program when compiled produce bytecodes. Bytecodes are magic. These bytecodes can be transferred via network and can be executed by any JVM, hence came the concept of 'Write once, Run Anywhere(WORA)'.



NETBEANS



NetBeans is a software development platform written

in Java. The NetBeans Platform allows applications to be developed from a set of modular software components called *modules*. Applications based on the NetBeans Platform, including the NetBeans integrated development environment(IDE), can be extended by third party developers.

The NetBeans IDE is primarily intended for development in Java, but also supports other languages, in particular PHP, C/C++ and HTML5.



VERSIONS OF NETBEANS

- NetBeans IDE 7.0 was released in April 2011. On August 1, 2011, the NetBeans Team released NetBeans IDE 7.0.1, which has full support for the official release of the Java SE 7 platform.
- NetBeans IDE 7.3 was released in February 2013 which added support for HTML5 and web technologies.
- NetBeans IDE 7.4 was released on October 15, 2013.
- NetBeans IDE 8.0 was released on March 18, 2014.
- NetBeans IDE 8.1 was released on November 4, 2015.
- NetBeans IDE 8.2 was released on October 3, 2016.



ORACLE



Oracle Corporation is the largest software company whose primary business is database products.

Historically, Oracle has targeted high-end workstations and minicomputers as the server platforms to run its database systems. Its relational database was the first to support the SQL language, which has since become the industry standard.

Along with Sun Microsystems, Oracle has been one of the leading champions of network computers. Over the last 27 years, Oracle has made tremendous improvements in its core database product. Now, that product is not only the world's most reliable and performing database, but also part of a complete software infrastructure for enterprise computing. With each new release comes a sometimes dizzying display of new capabilities and features, sometimes leaving developers, IT managers, and even seasoned DBAs wondering which new features will benefit them most.



Oracle Database 10g offers many new tools that help DBAs work more efficiently (and perhaps more enjoyably), freeing them for more strategic, creative endeavors not to mention their nights and weekends. Oracle Database 10g really is that big of a deal for DBAs.

In Accelerates **Oracle 10g SQL** Programming training we learn how to create, retrieve, and manipulate objects in Oracle 10g Structured Query Language (SQL). We will also be introduced to Oracle 10g database features and tools. We also develop deeper insight into relational database design and RDBMS operation; learn concepts and specific SQL syntax for extended Oracle data types learn analysis and tuning techniques to increase SQL performance, and master advanced features of Oracle® SQL for large data sets and data warehouses.



Miscellaneous Features, Documentation, and Tooling Support

The NetBeans IDE, which is the software development kit (SDK) of the NetBeans Platform, provides many templates and tools, such as the award winning Matisse GUI Builder that enables you to very easily design your application's layout.





EXISTING SYSTEM

The existing system is a tedious process whose functional areas and activities is the basis of our software development. All processes, like managing the records of customers, markets, orders, calculating the company balance etc.. are done on excel sheet. It needed a lot of man effort and very cumbersome task to manage.

Every time when report is needed to be printed, due to lack of a digitized system it takes more time than necessary to process the data and print the report. There is always the risk of errors while processing the data and hence the company is at a risk, as the monetary concerns always linger.

In this long run where everything is at the tip of finger and destination is at foot step, existing system is very time consuming system.

LIMITATIONS

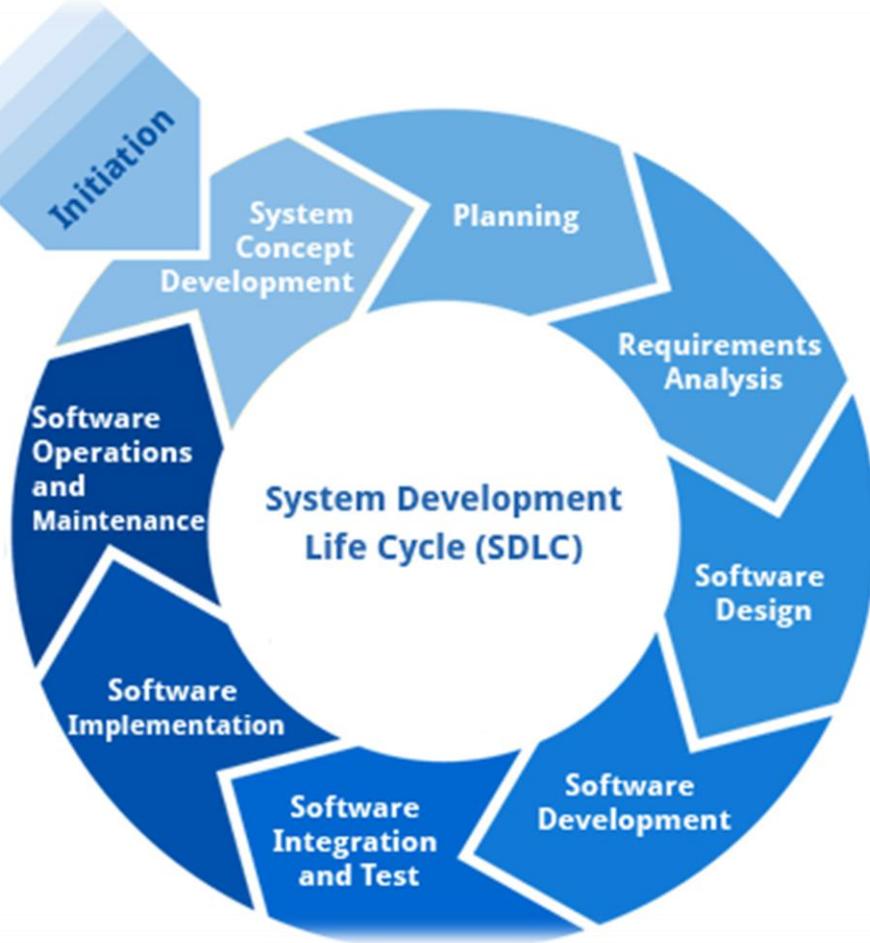
- **Time consuming**
- **Delay at each step**
- **Inappropriate procedural flow**
- **Limited report**
- **Less security**
- **Inefficient method of record keeping**
- **Lack of integrity**
- **Lack of accuracy**



PROPOSED SYSTEM

- After conducting a preliminary investigation on the existing system of the company and carefully analyzing the system and the requirements we proposed a Liquid Milk management system.
- It will be a Desktop based dynamic Application Software.
- Accurate.
- Less time taking and comprehensive.
- Reduction in duplication of records.
- There will be a main menu with the details about the entry form, service form, process button & the report. The entry form contains details about all the master table as well as transaction table and the service form provides services to modify and the search all the master table.
- There will a menu of card in which the user or admin enter monthly the details of producr demand by the distributor and also there will a menu of demand in which the user or admin enters (on daily basis also on shift) the details of product demand by the distributor and then proceed for process to check the demand details and then to calculation to calculate the over all demand for one shift and then proceed for report generation.
- The generated report will then be printed by confirmation, which would print the details which would be later transferred to the distributor and the marketing office.

SDLC



System **D**evelopment **L**ife **C**ycle is a birth to matured process called **SDLC**.

A system begins (in born) with decision to analysis user requirement. There are various software development approaches defined and designed which are used/employed during development process of software, these approaches are also referred as "Software Development Process Models".



Waterfall model, Incremental model, V-model, Iterative model, RAD model, Agile model, Spiral model, Prototype model etc. Each process model follows a particular life cycle in order to ensure success in process of software development.

Software life cycle models describe phases of the software cycle and the order in which those phases are executed. Each phase produces deliverables required by the next phase in the life cycle. Requirements are translated into design. Code is produced according to the design which is called development phase. After coding and development the testing verifies the deliverable of the implementation phase against requirements.

PHASES OF SDLC

1. Planning

- Preliminary investigation
- Feasibility study

1**Planning**

The purpose of this first phase is to find out the scope of the problem and determine solutions. Resources, costs, time, benefits and other items should be considered here.



2. System analysis

**2****Systems Analysis & Requirements**

The second phase is where teams consider the functional requirements of the project or solution. It's also where system analysis takes place—or analyzing the needs of the end users to ensure the new system can meet their expectations.

3. System Design

3**Systems Design**

The third phase describes, in detail, the necessary specifications, features and operations that will satisfy the functional requirements of the proposed system which will be in place.



4. Software coding

**4****Development**

Now the real work begins! The development phase marks the end of the initial section of the process. Additionally, this phase signifies the start of production. The development stage is also characterized by instillation & change.

5. System testing

5**Integration & Testing**

This phase involves systems integration and system testing (of programs and procedures)—normally carried out by a Quality Assurance (QA) professional—to determine if the proposed design meets the initial set of business goals.



6. Implementation

6**Implementation**

The sixth phase is when the majority of the code for the program is written, and when the project is put into production by moving the data and components from the old system and placing them in the new system via a direct cutover.

7**Operations & Maintenance**

The last phase is when end users can fine-tune the system, if they wish, to boost performance, add new capabilities or meet additional user requirements.





PRELIMINARY INVESTIGATION



Preliminary Investigation is one of the activities which is done under system development life cycle. SDLC is the well defined process by which a system is conceived, developed and implemented. There is some problem which arises in the existing system due to which there is a need require to develop a new system and outline the functional requirement for the project. When the real problem of the existing system is identified by the analyst then only any work is done, unless it will lead to wastage of effort at a later stage. It determines the boundaries of the project by taking into consideration the limitation of the available resources in PDP with the help of the feasibility study. The main objective is to design a system, so that it automates the functionalities of PDP.

In the existing system many works regarding equipments are done manually which is quite cumbersome to handle all management of such big organization. In this software I have applied my best effort to handle all jobs regarding the milk product. In this software I have tried to handle the details of a distributor, product or its sale etc.. Thus, through my software I have tried to reduce the problem from the existing system. Various reports based in the data entered by the user at office are generated. These reports are helpful in Manpower management decisions.

The benefits of the new proposed system:-

- It will reduce the workload of an operator.
- Now organization is implied in structured in ordered manner.
- System is accurate, timely and comprehensive.
- According to the need of the future the system can be changed because it is flexible.
- It provides high level of security and user level access.
- There are no chance of duplicity to be ordered by updating at one place.
- Now it is able to generate various reports anytime.
- It will avoid the errors if occurs.
- Backup details of supply according to shift wise.



FEASIBILITY STUDIES

In case the system proposal is acceptable to the management, the next phase is to examine the feasibility of the system. The feasibility study is basically the test of the proposed system in the light of its workability, meeting user's requirements, effective use of resources and of course, the cost effectiveness.

To present, as pointed out earlier, most of the work done manually. And there is no denying the fact that computers would quicken the work, if a solution is developed prudently. So, the first question that whether computerization is necessary is not so important. The main concern was then regarding the selection of software/hardware/mode of working/interface.

So, the types of feasibility studies we done in our software are as below:

ECONOMICAL FEASIBILITY

Major cost at this point of time would be incurred towards acquiring an RDBMS package only. The dairy management and the concerned authorities in order to get this much facility is ready to all the basic software according to the requirement. No extra software or hardware needs to be acquired other than explained in the heading "proposed system structure".

Major Benefits Expected From this system are:

- Increased speed of work with many of the mundane task being automatically done.
- Less time consuming.
- More accurate. Certainly, computers are less prone to error than human being.
- More flexible.
- As benefits expected far outweigh the cost to be incurred, the new system is very much economically feasible.



TECHNICAL FEASIBILITY

HARDWARE:-Hardware selected has been examined against the processing capacity, and memory requirement at both client and server ends and found satisfactory for current as well as new future workload.

SOFTWARE:-Cost benefits analysis for this part was challenging. Some option were there regarding the selection of DBMS package, front end tools, etc. .

INTERFACE:-Hardware available can easily support the demand of graphical user Interface is a natural choice.

BACK END:-When some database handling is to be considered, RDBMS are the best bet these days. But the choice was between SQL server and Oracle. The detailed explanation about Oracle in next section is self-explanatory reagarding this aspect.

FRONT END:-Again, as front end, after selection of Oracle as backend, the feasible option left were Visual Basic, JAVA, V.B. , .Net. Since JAVA was better and casier solution for the software so as the front end tool JAVA was decided upon.

OPERATIONAL FEASIBILITY

As the old system was paper based, so if any type of calculation is needed to be performed such that preparing report of any particular year, calculation on bill, etc.. It would be very cumbersome process to find the related records from the number of registers on the department but the new system is computerized desktop based system. So, all these work become so easy after the implementation of proposed system. So, the proposed system is operationally feasiable.

TIME FEASIBILITY

The existing system were paper based. So, the records of demand of products, selling of products, calculation of bill, payments record, etc.. all are maintained in registered which were very time consuming and hectic process. But our proposed system is computerized and a desktop based application. So, every mentioned step becomes so easy that each can be done only by just clicking. Thus the proposed system is very less time consuming as compared to old existing system. Hence, our proposed system is also time feasiable.



SYSTEM ANALYSIS

System analysis is a process of studying the system, its components and

its inter relatedness for the purpose of finding problems areas and finding the remedial solution and to suggest to the management with the intent of improving the quality of the product.



ENTITYRELATIONS HIP DIAGRAM

An Entity Relationship model, also called an entity-relationship(ER) diagram, is a graphical representation of entities and their relationships to each other, typically used in computing in regard to the organization of data within databases or information systems. An entity is a piece of data-an object or concept about which data is stored.

An entity–relationship model is the result of using a systematic process to describe and define a subject area of business data. It does not define business process; only visualize business data.

The data is represented as components (*entities*) that are linked with each other by *relationships* that express the dependencies and requirements between them, such as: *one building may be divided into zero or more apartments, but one apartment can only be located in one building.*

Entities may have various properties (*attributes*) that characterize them.

Diagrams created to entities, attributes, and relationships graphically are called entity–relationship diagrams.



SYMBOLS FOR ERD



Entity



Attribute



Relationship



Weak Entity



Multivalued Attribute



Weak Relationship

Elements in ER diagrams

There are three basic elements in ER Diagram: entity, attribute, relationship. There are more elements which are based on the main elements. They are weak entity, multi valued attribute, derived attribute, weak relationship, and recursive relationship. Cardinality and ordinality are two other notations used in ER diagrams to further define relationships.

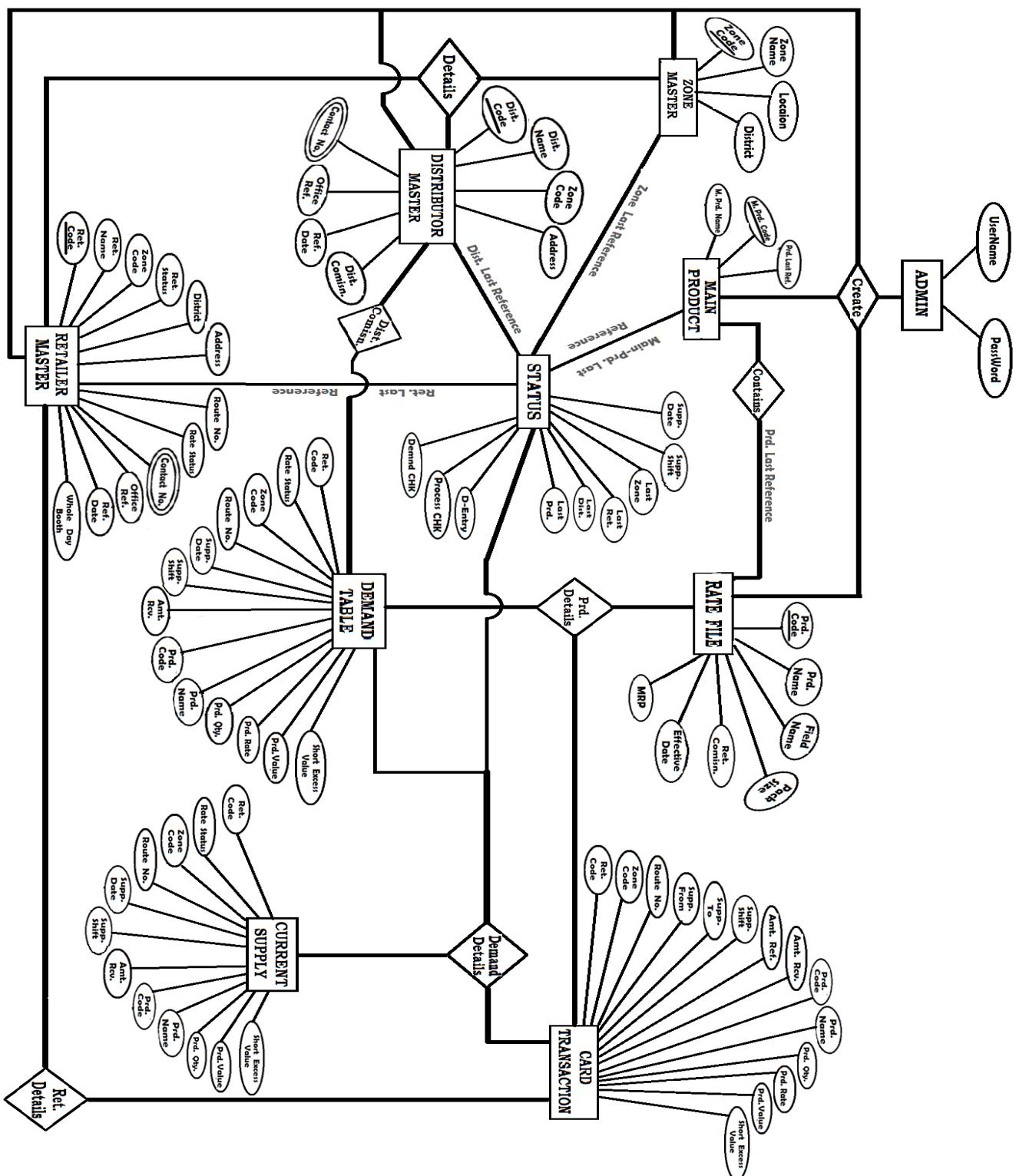


STEPS FOR ERD:-

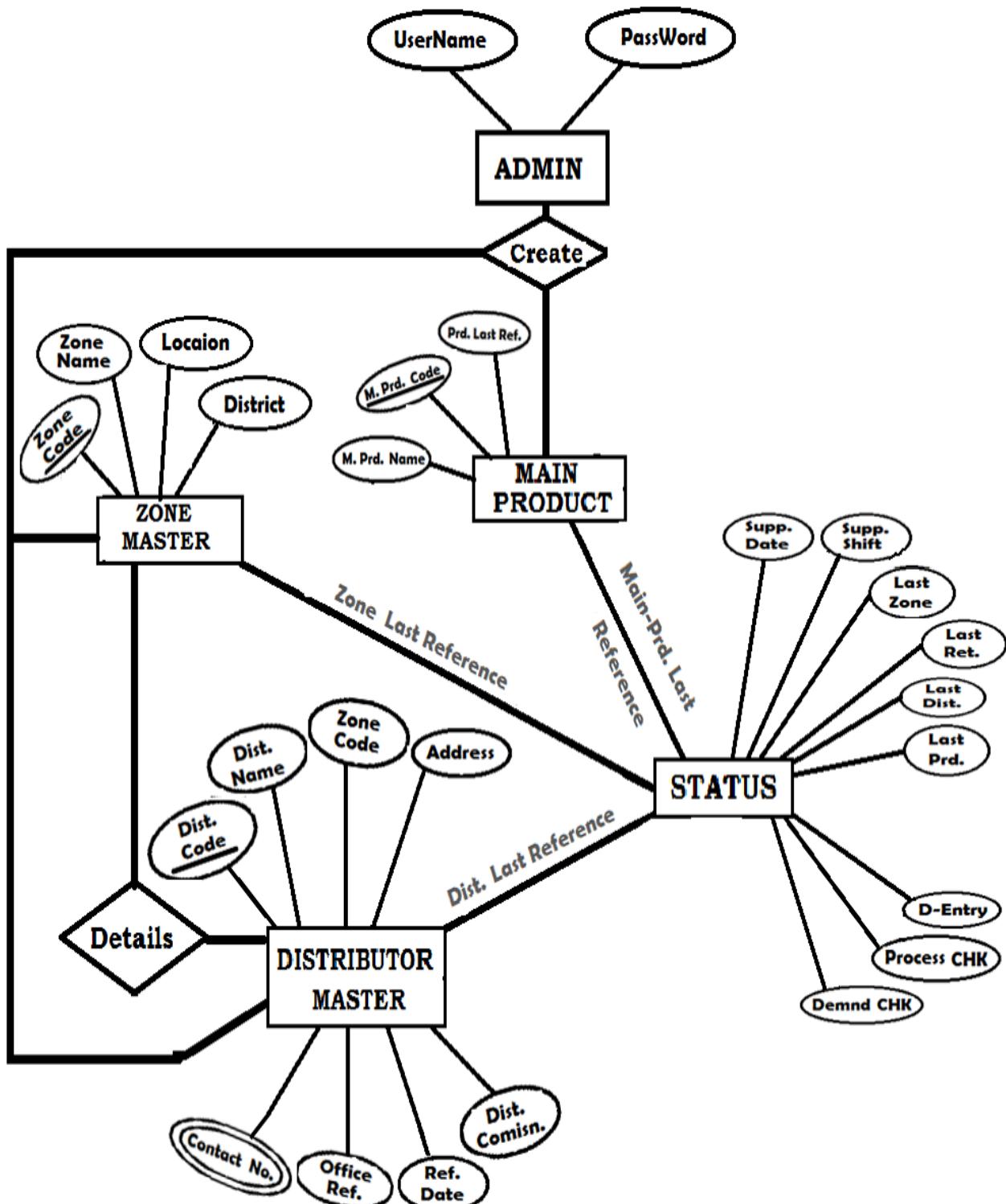
1. Admin allocates zone to the distributor.
2. Each zone contains only one/single.
3. One distributor can contain more than one zone.
4. Each zone contains many retailers.
5. Retailers demands Date and Shift wise from Distributor;
6. Distributor demands for main product from Admin; maintained in demand table.
7. Retailers demands for main product from Admin, in advance for a month; maintained in card Transaction.
8. Each Main Product contains product with pack size, price and Retailer commission.
9. Current Supply stores demand of current Date and Shift from Demand Table and Card Transaction.
10. Distributors pay money for the product to the Admin.



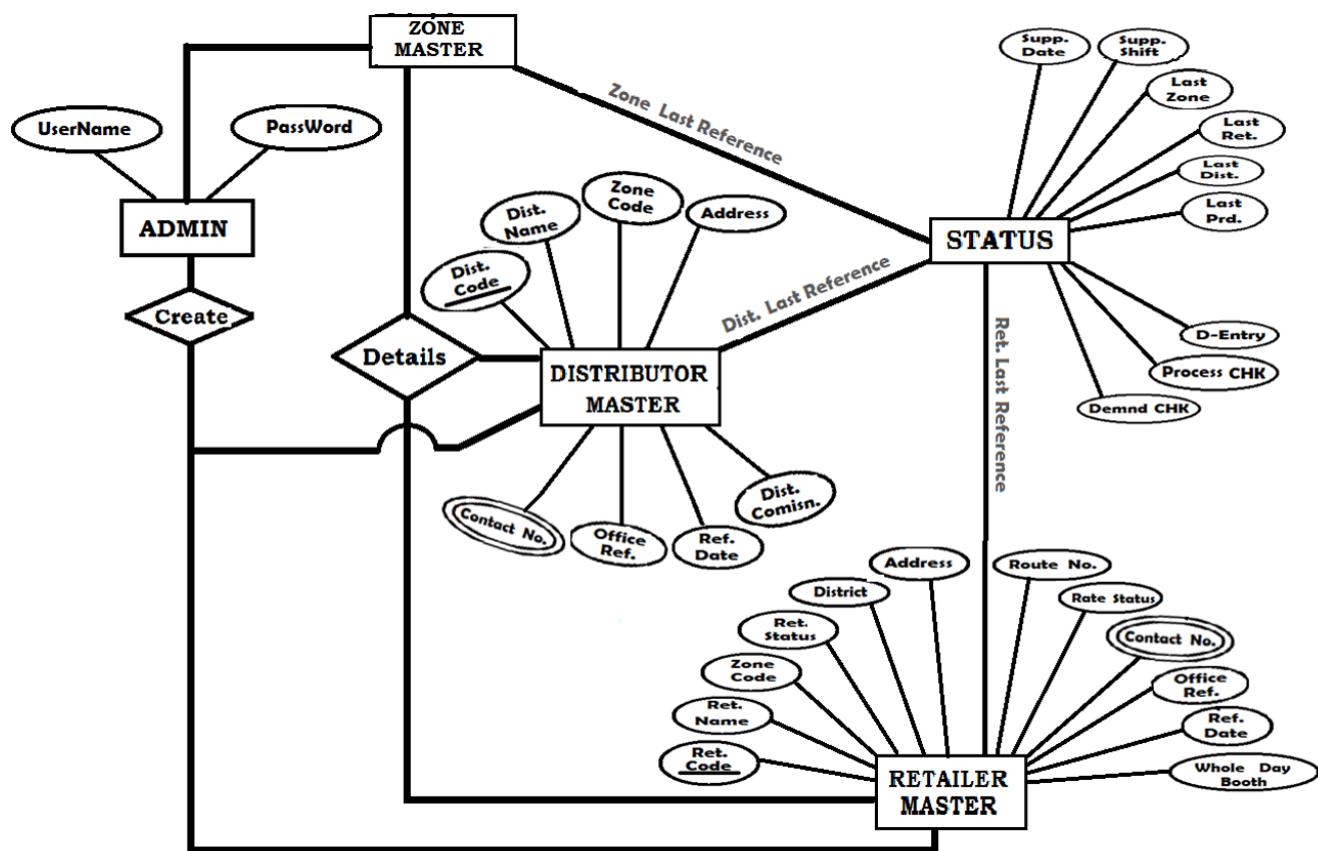
ENTITY RELATIONSHIP DIAGRAM



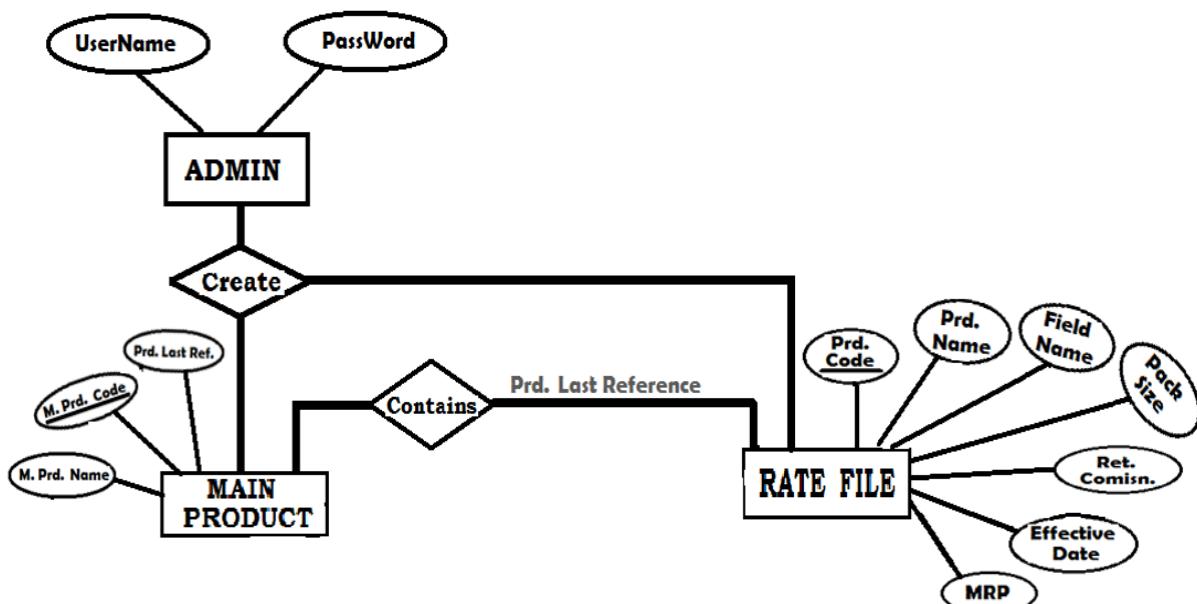
1ST PART



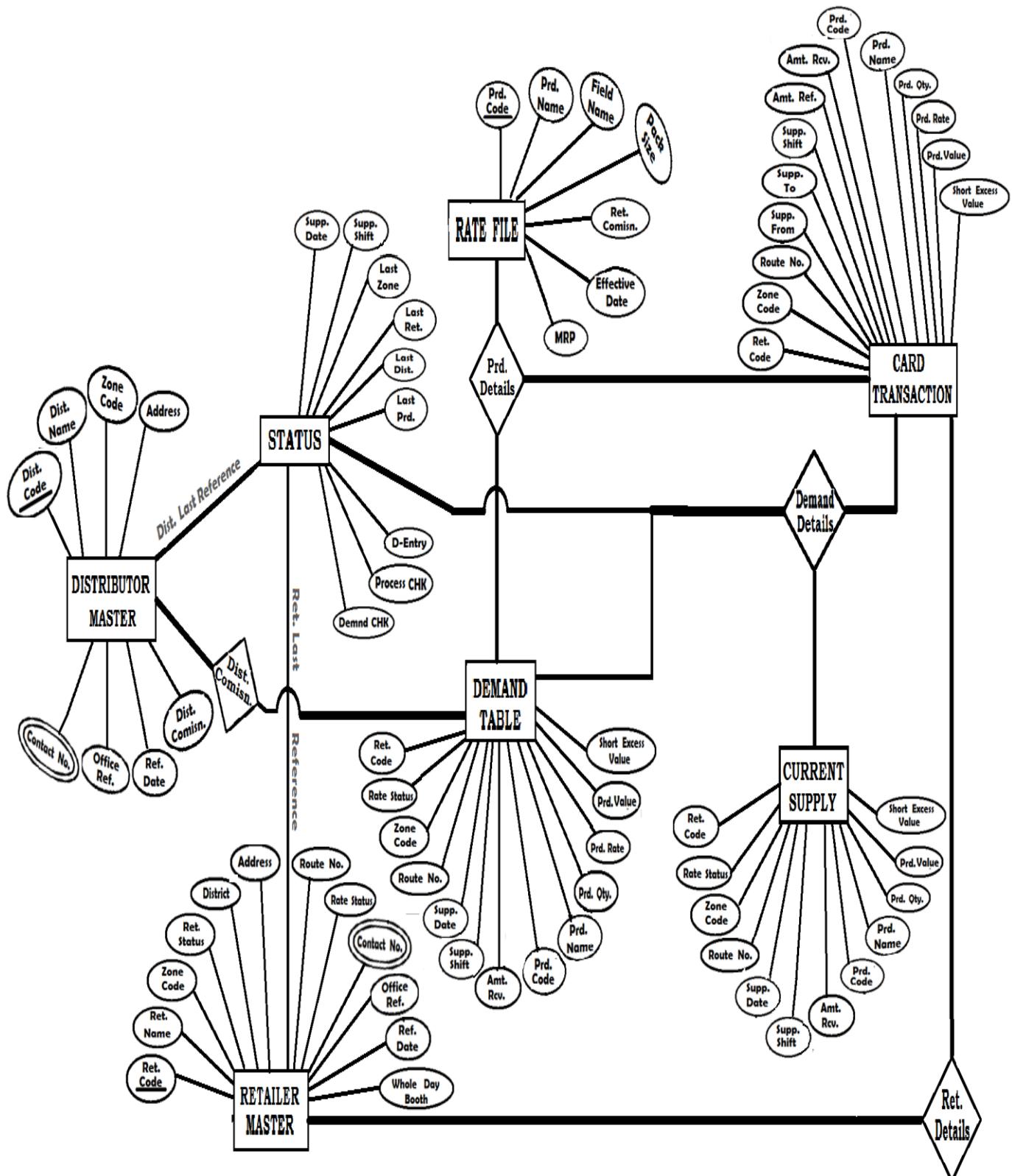
2ND PART



3RD PART



4TH PART





DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a graphical representation of the "flow" of data through an information system, modeling its *process* aspects. A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated.

DFDs can also be used for the visualization of data processing (structured design).

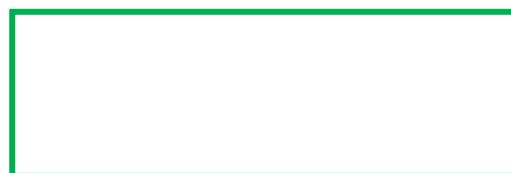
A DFD shows what kind of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of process or information about whether processes will operate in sequence or in parallel (which is shown on a flowchart).

HISTORY

Data flow diagrams were proposed by Larry Constantine, the original developer of structured design, based on Martin and Estrin's "Data Flow Graph" model of computation. Starting in the 1970s, data flow diagrams (DFD) became a popular way to visualize the major steps and data that involved in software system processes. DFDs were usually used to show data flows in a computer system, although they could in theory be applied to business process modeling. DFD were useful to document the major data flows or to explore a new high-level design in terms of data flow.

SYMBOLS REPRESENT

ENTITY



FLOW OF DATA



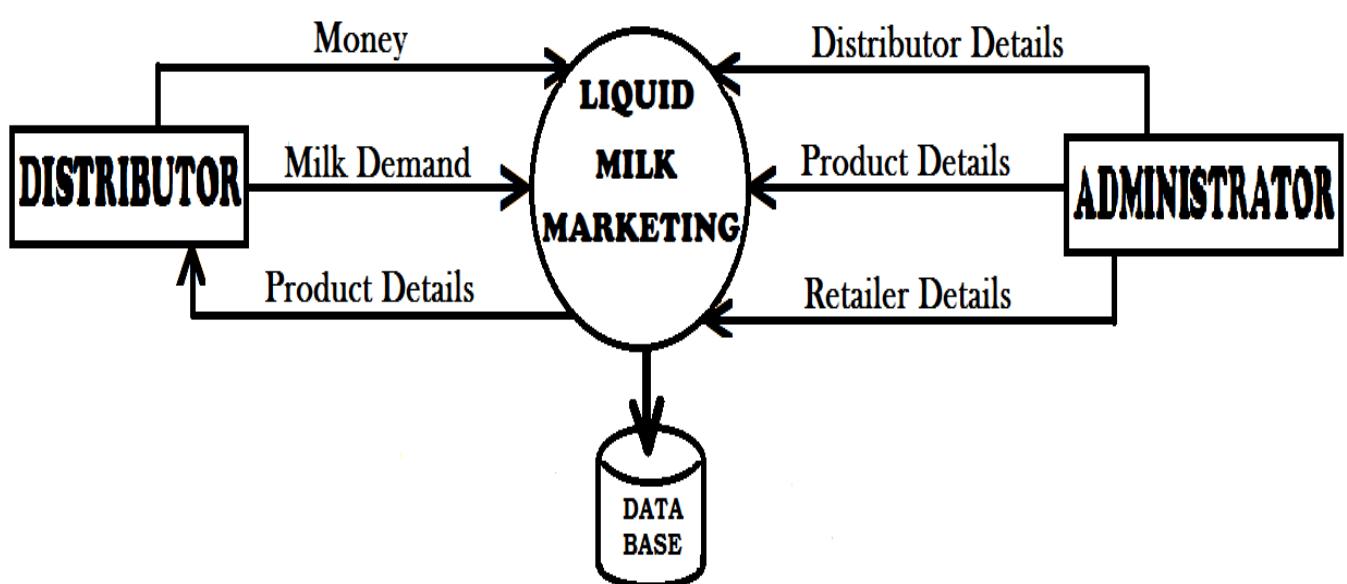
PROCESS



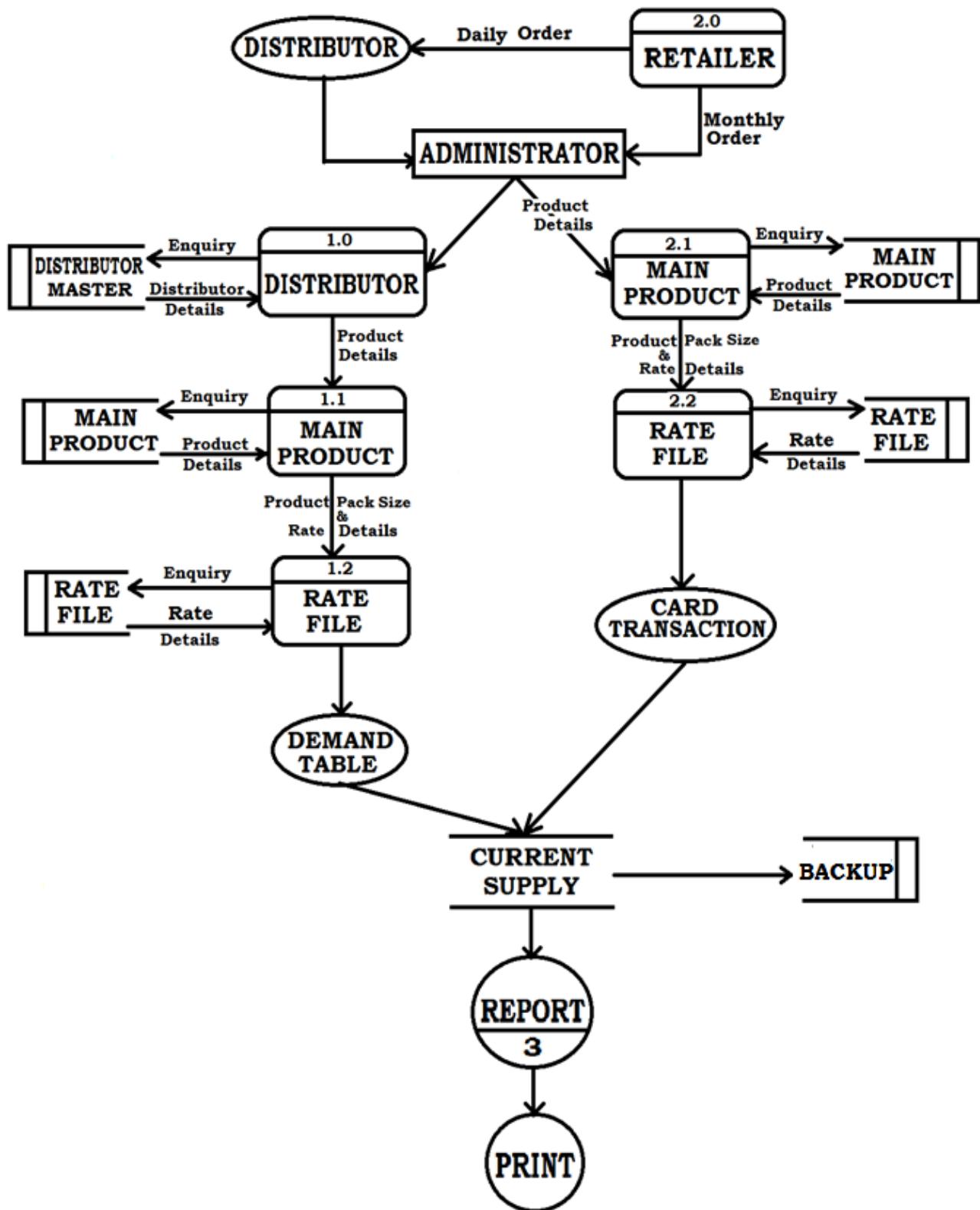
DATA STORE



O-LEVEL

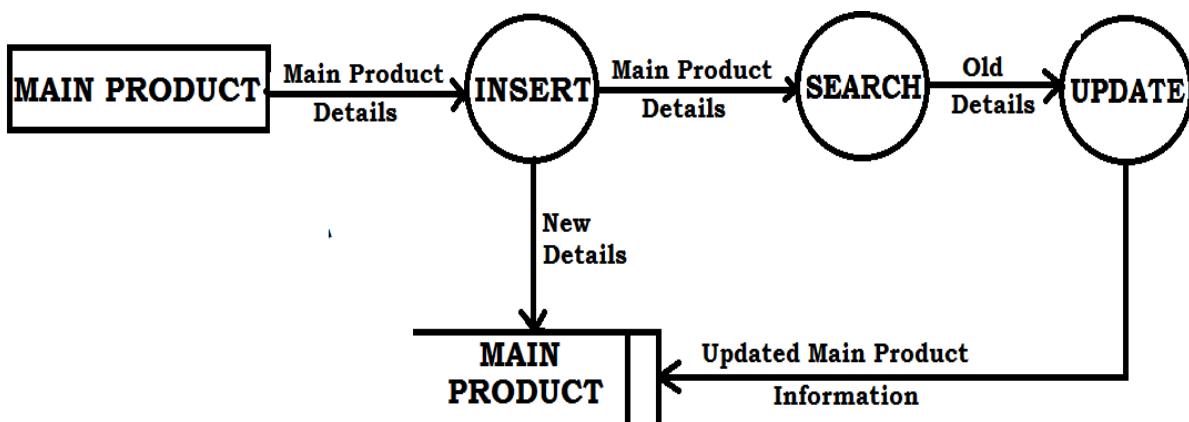


1st LEVEL

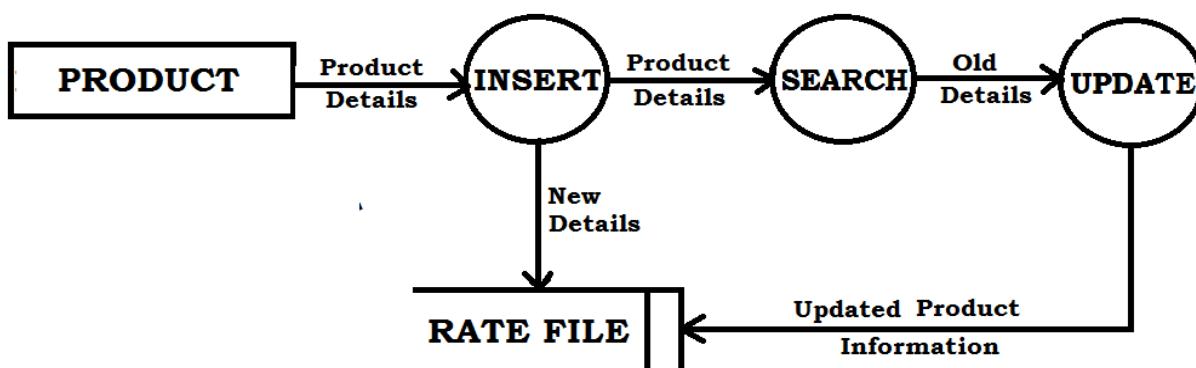


2nd LEVEL

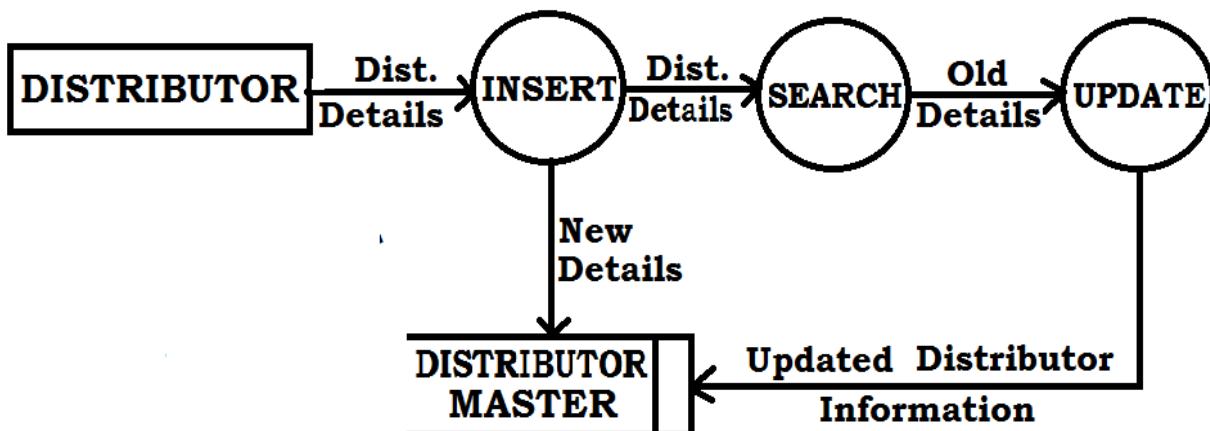
OF MAIN PRODUCT



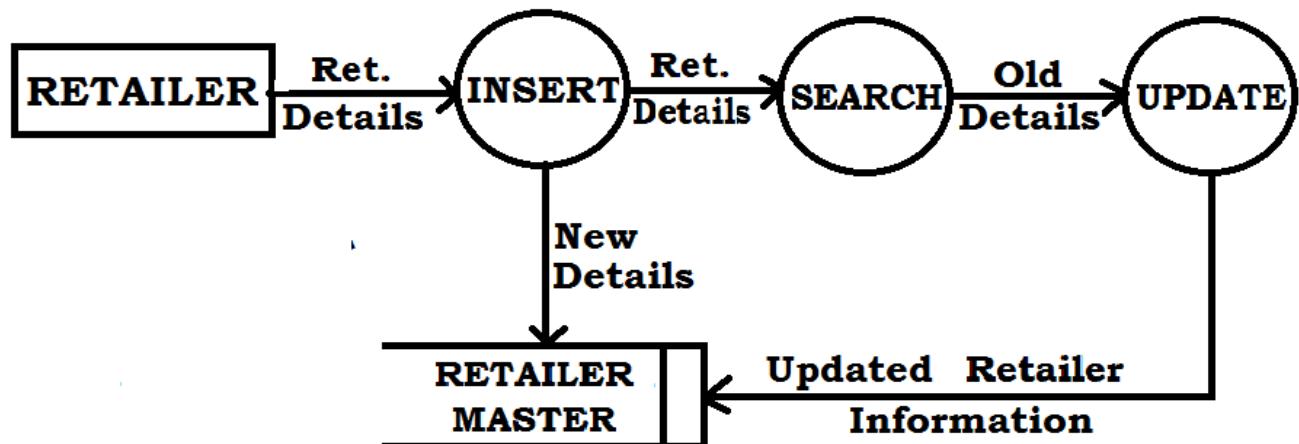
OF PRODUCT



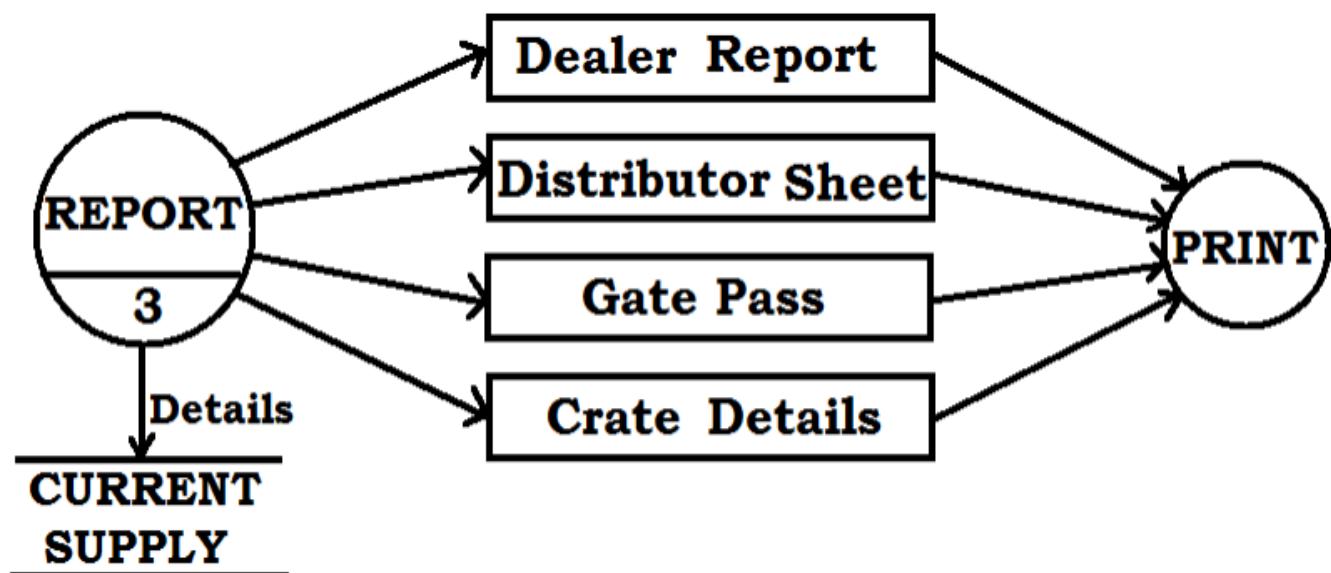
OF DISTRIBUTOR



OF RETAILER



OF REPORT





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RUN TIME WINDOW

SPLASH WINDOW



SUDHA DAIRY PROJECT

**LIQUID MILK
MANAGEMENT
SYSTEM**

DEVELOPED BY -

ANIMA KUMARI

KRITTIKA

NEHA KUMARI

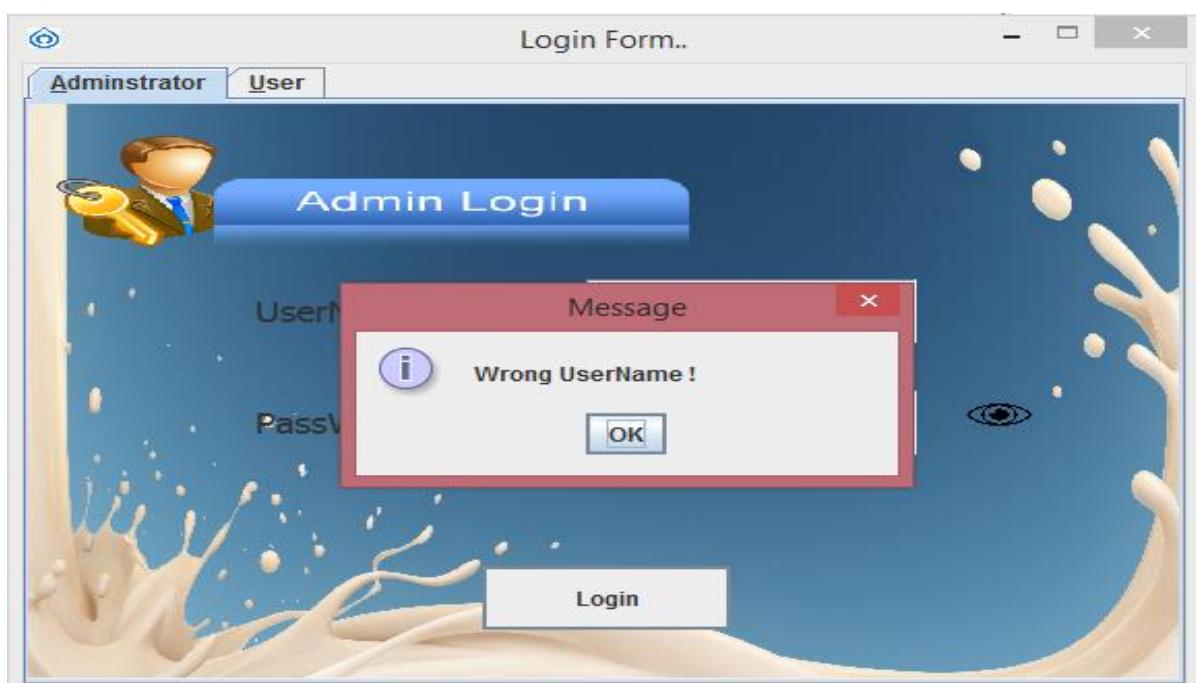
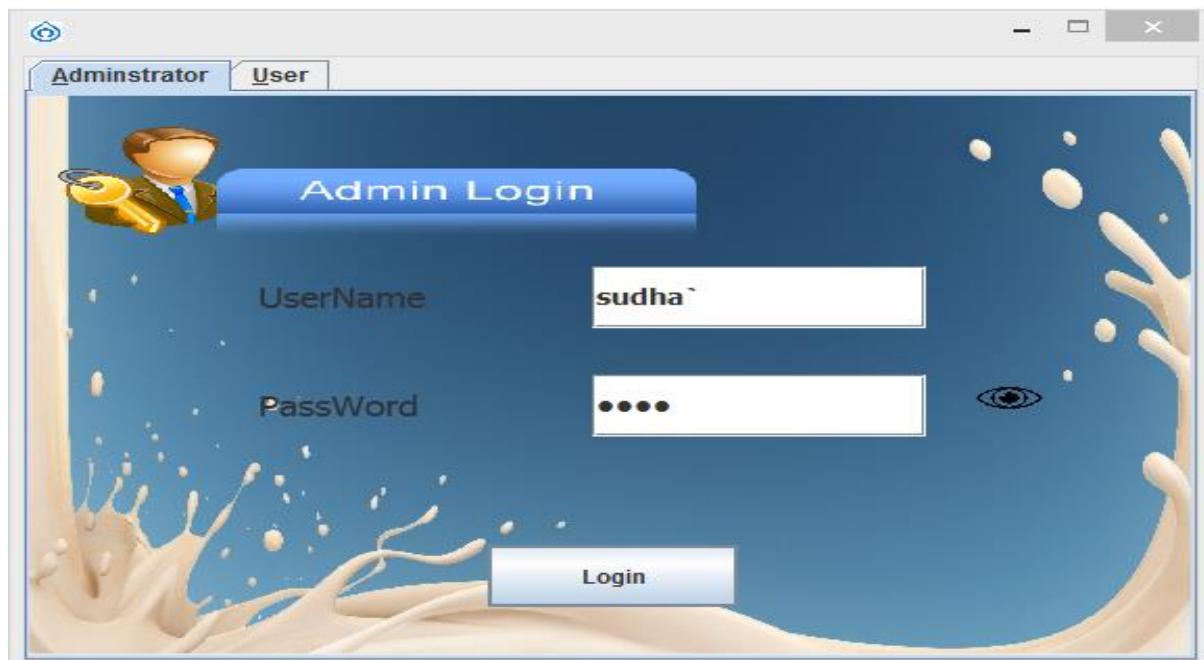
39%



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LOGIN WINDOW...

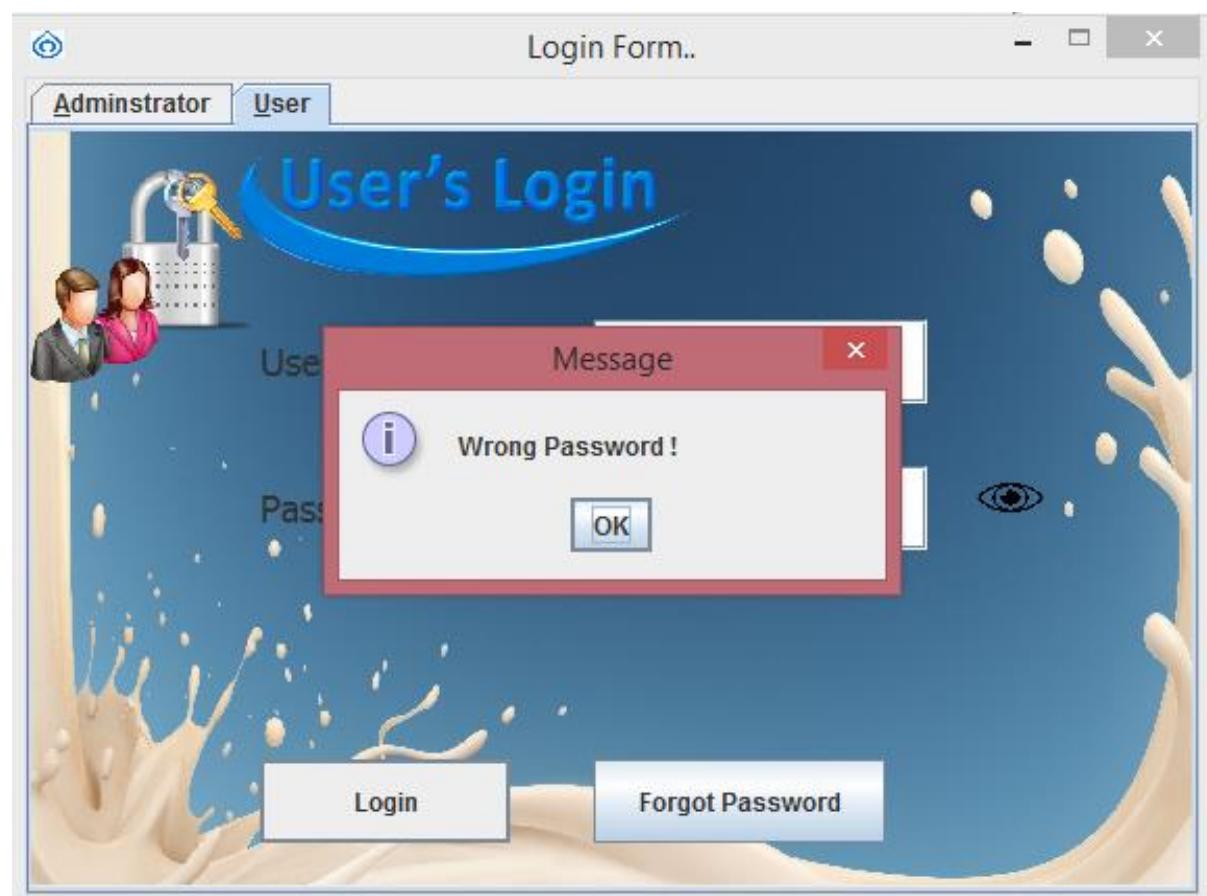
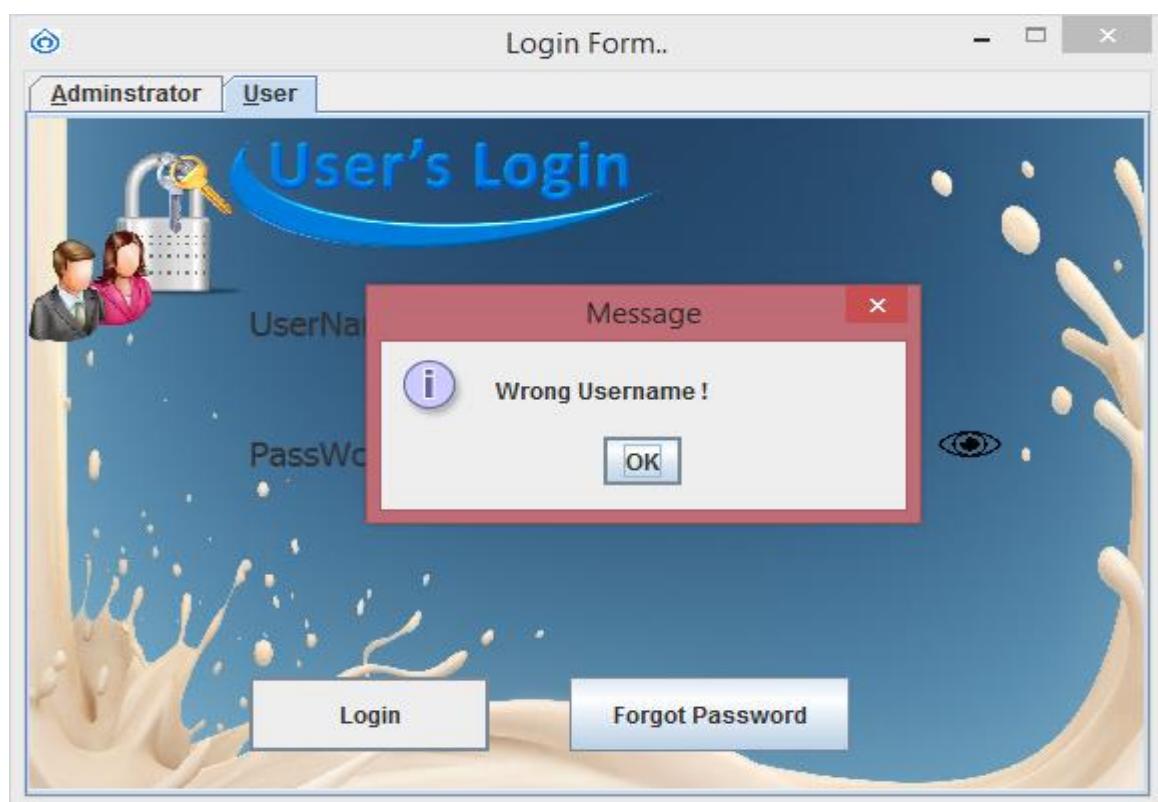
LOGIN AS ADMINISTRATOR...!!





LOGIN AS USER

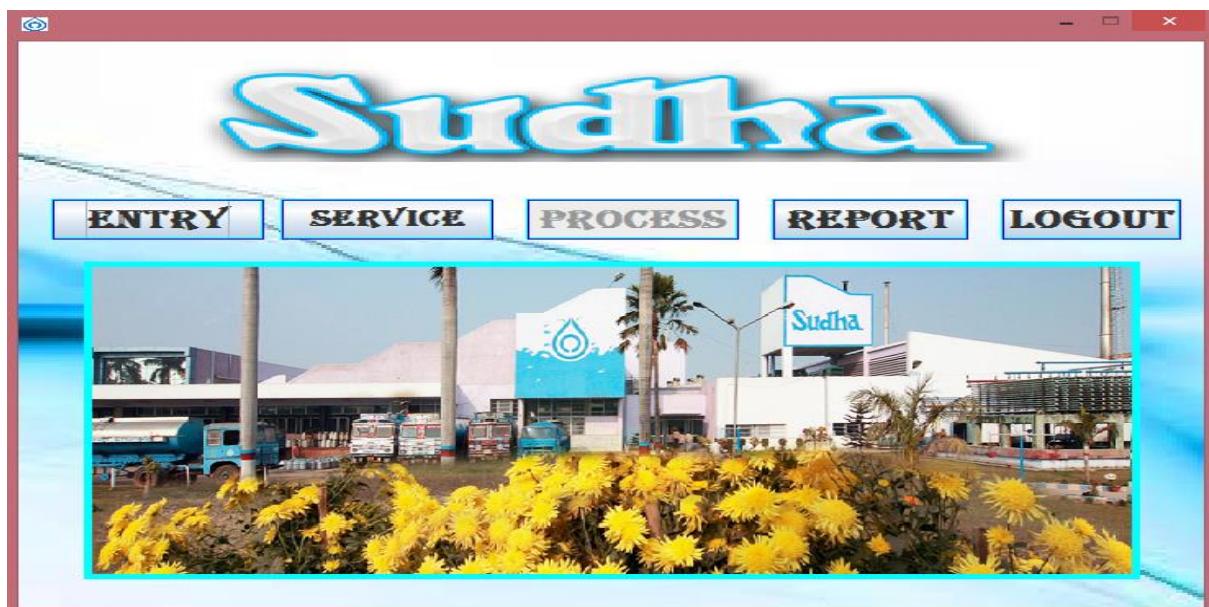






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MAIN WINDOW.....



ADMIN FORM.....!





CHANGE PASSWORD FORM

The screenshot shows a Windows-style application window titled "Change Password Form..". Inside, there's a title "CHANGE PASSWORD". Below it are three input fields: "User Name" containing "animal", "New Password", and "Confirm Password", each with an "eye" icon to the right. At the bottom is a "Change" button.

**IF ADMIN WANTS TO CHANGE THE
PASSWORD of user...!!!**

Click on change password(ADMIN FORM)

The screenshot shows the same application window as before, but with an error message dialog box in the foreground. The dialog has a red border and contains an info icon, the text "Message", "Invalid UserName", and an "OK" button. The main window's "User Name" field still shows "anim".

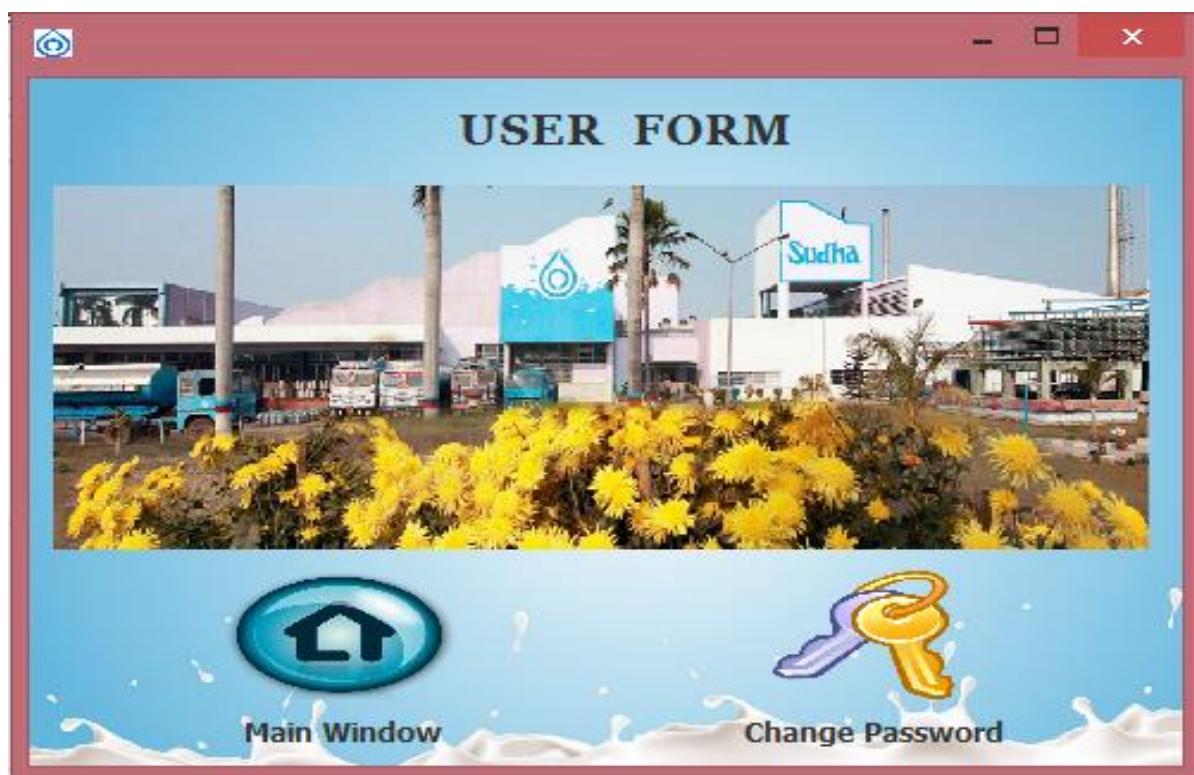




Sudha



USER FORM





TO CHANGE USER'S PASSWORD

* Click on change password (User Form)

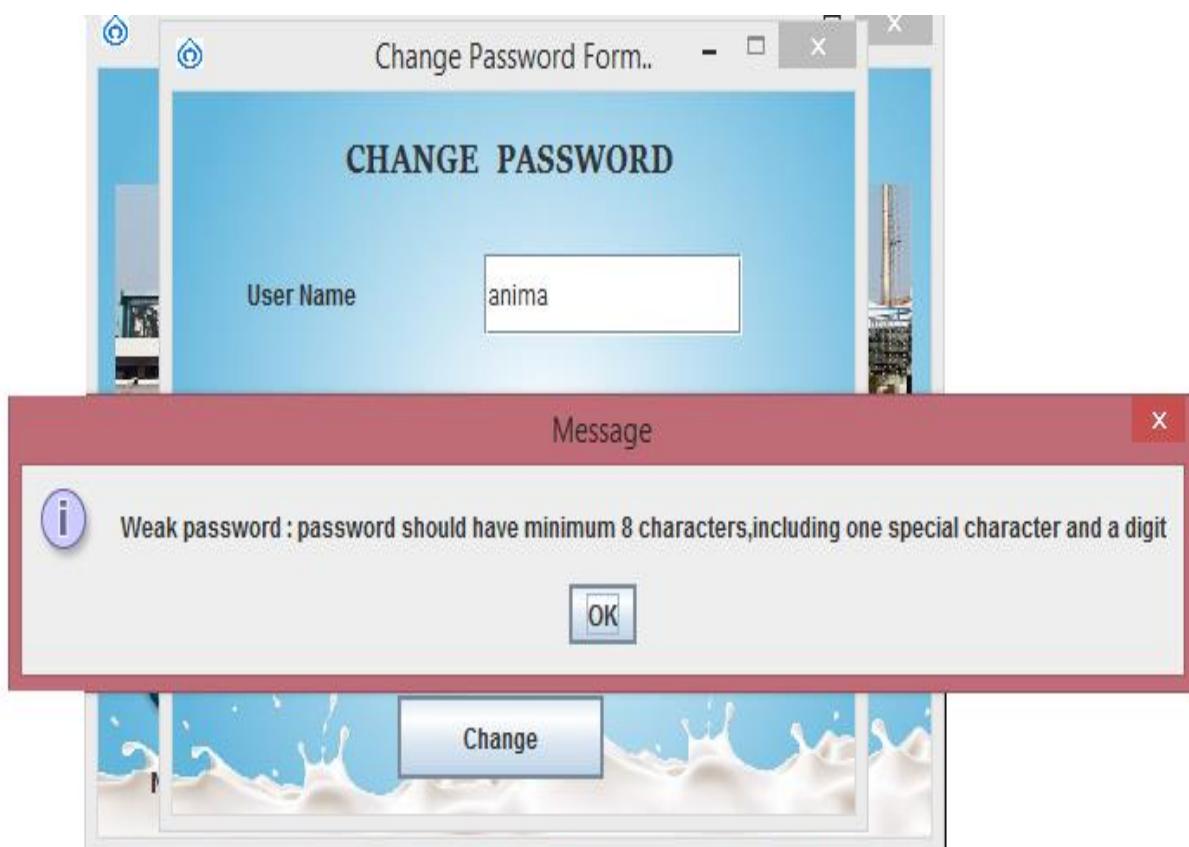


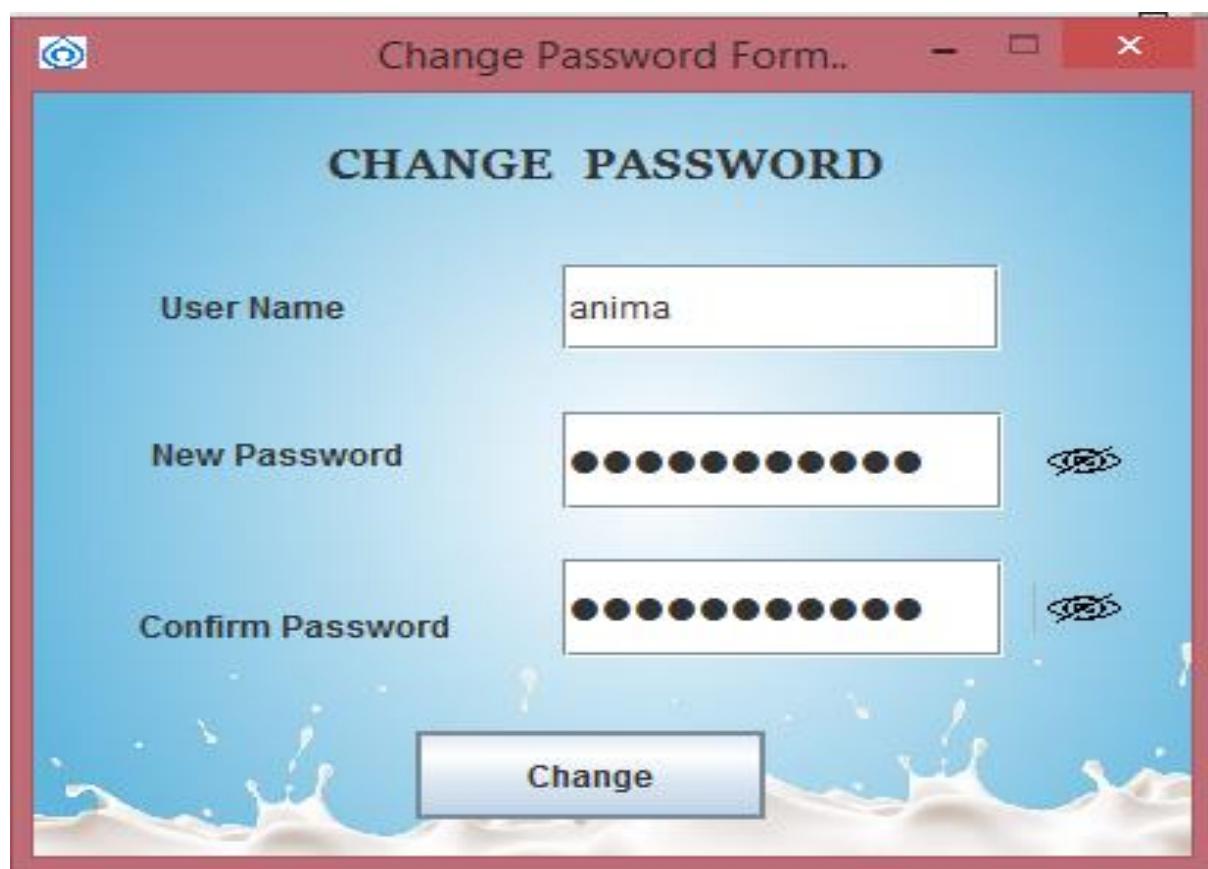




TO RECOVER USER'S PASSWORD...!!









**IF ADMIN WANTS TO CREATE A NEW
USER..!!**

(SIMPLY CLICK ON NEW USER!!)





Create User Form

Create User

User Name: sudha

Message:

i New password and confirm password must be same

OK

Aadhar No.

Create User Form

Create User

User Name: sudha

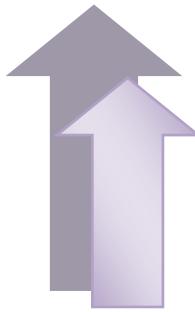
New Password: 

Confirm Password: 

your first locality:



Sudha



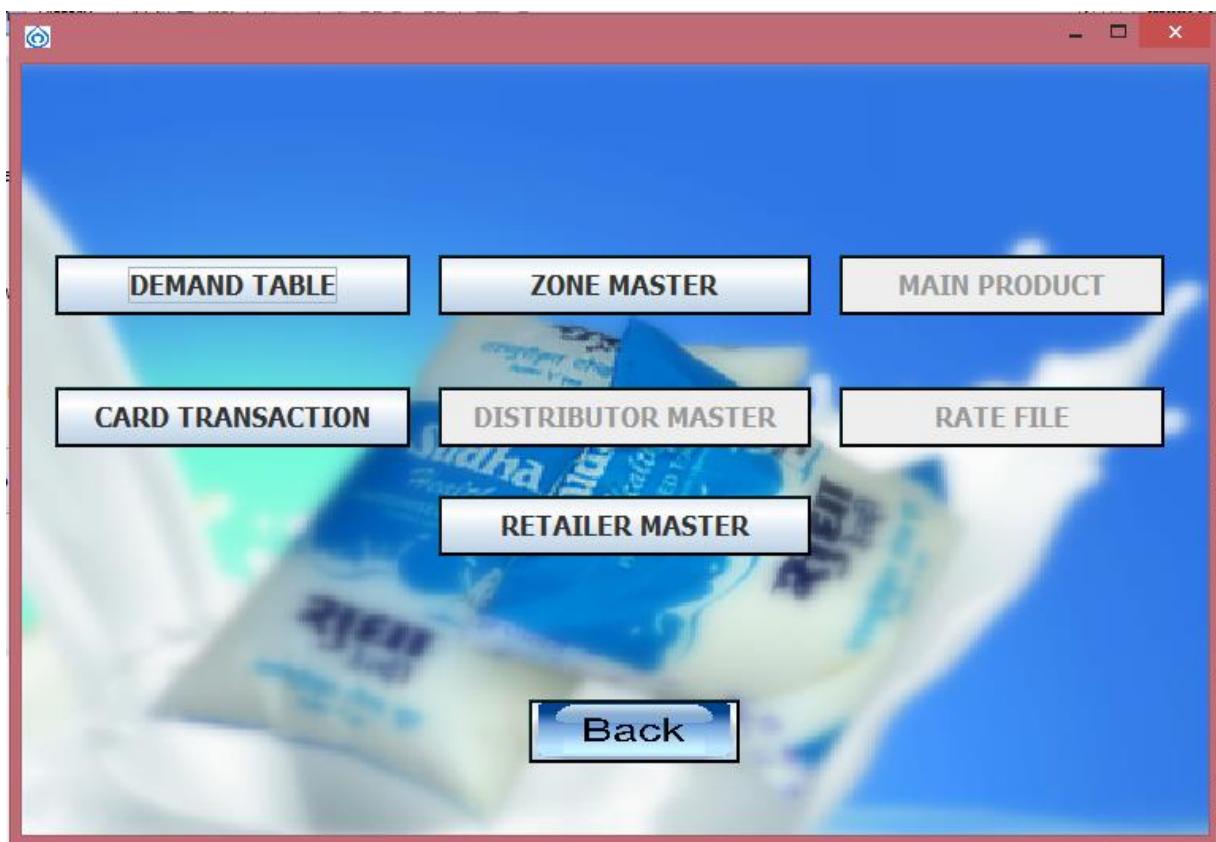
SUCCESSFULLY CREATED!



Sudha

ENTRY FORMS...!

AFTER USER'S LOGIN..



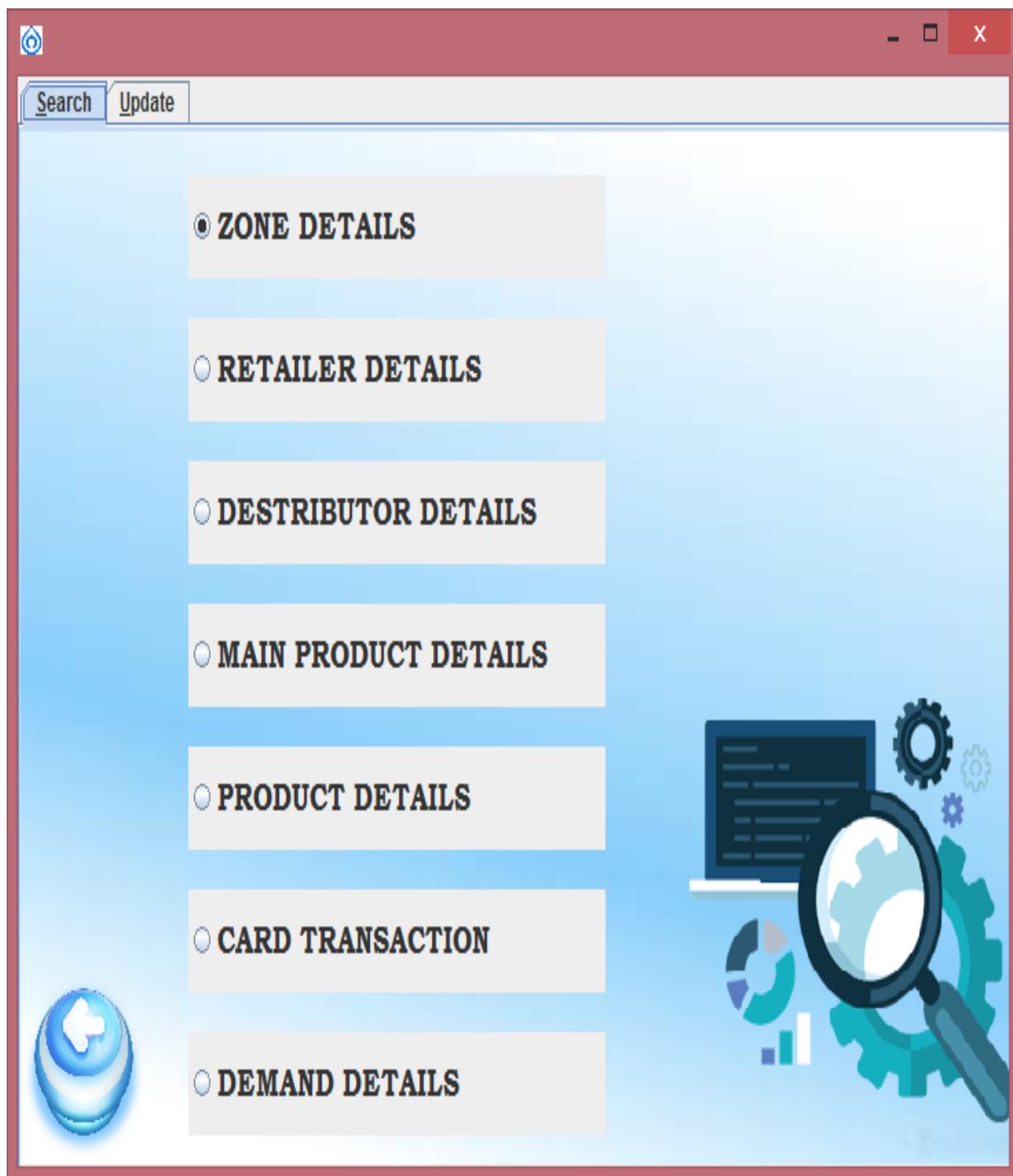
CLICK ON A BUTTON

**USER CAN INSERT RECORDS AS PER COMPANY
REQUIREMENT**



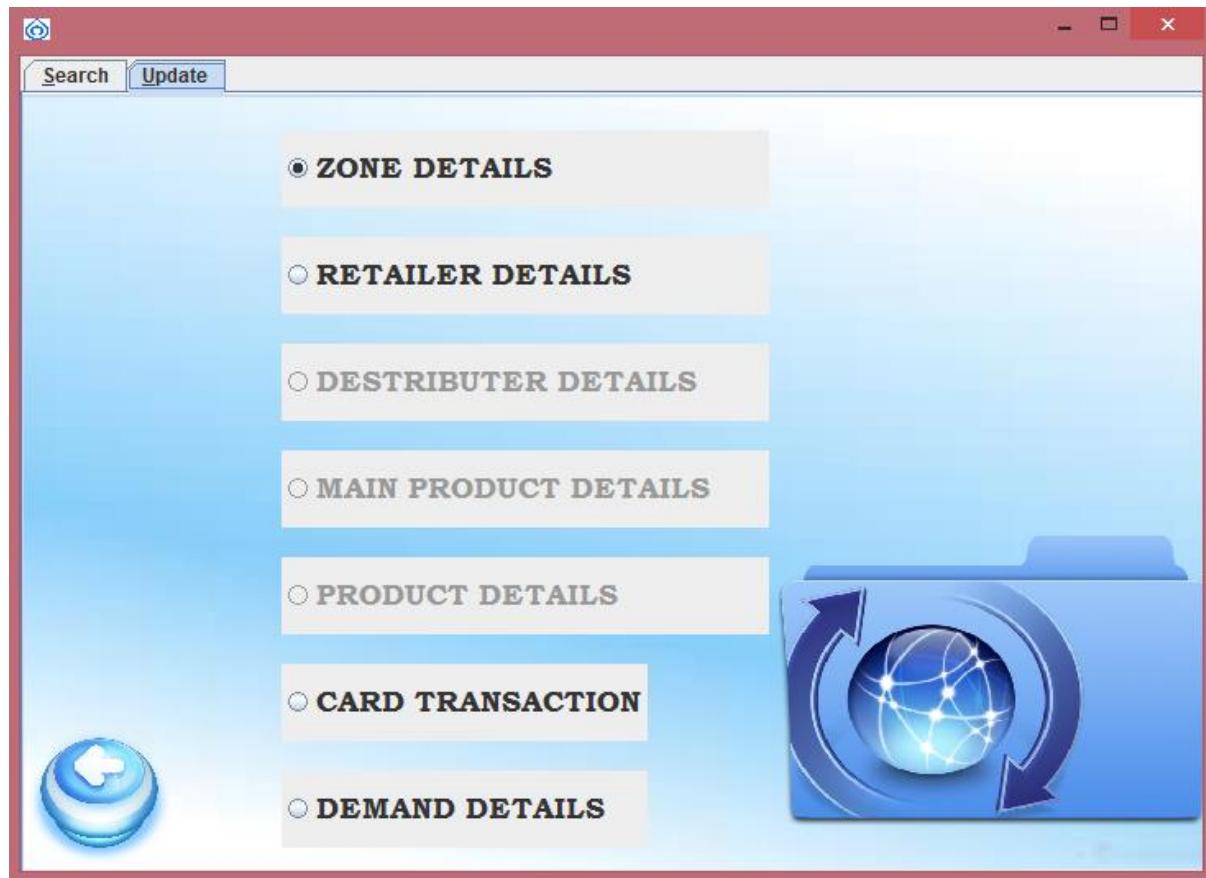
SERVICE FORMS...!

AFTER USER'S LOGIN..





Sudha



HOME BUTTON





SOME CLIPINGS OF ENTRY FORMS.!!

ZONE MASTER

ENTER ZONE CODE	Z006
ENTER ZONE NAME	Zone Name=6
ENTER LOCATION	danapur
ENTER DISTRICT	CHAPRA

SUBMIT **NEXT**

ZONE MASTER

ENTER ZONE CODE	Z006	
ENTER ZONE NAME	Successful Insertion	
ENTER LOCATION	Your record has entered successfully	
ENTER DISTRICT	OK	

SUBMIT **NEXT**



 RETAILER MASTER

ENTER RETAILER CODE

ENTER RETAILER NAME

ZONE CODE

ENTER ROUTE NO.

ENTER CONTACT NO.

ENTER LOCATION

DISTRICT

ENTER OFFICE REFRENCE

ENTER REFRENCE DATE

ENTER RETAILER STATUS

ENTER RATE STATUS



ZONE CODE	<input type="text" value="Z001"/>
ENTER ROUTE NO.	<input type="text"/>
ENTER CONTACT NO.	<input type="text"/>
ENTER LOCATION	<input type="text"/>
DISTRICT	<input type="text"/>
ENTER OFFICE REFRENCE	<input type="text"/>
ENTER REFRENCE DATE	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="2018"/>
ENTER RETAILER STATUS	<input type="text" value="Retailer"/>
ENTER RATE STATUS	<input type="text" value="MRP"/>
WHOLE DAY BOOTH	<input type="text" value="YES"/>
<input type="button" value="SUBMIT"/>	<input type="button" value="NEXT"/>



 RETAILER MASTER

ENTER RETAILER CODE	<input type="text" value="R00005"/>
ENTER RETAILER NAME	<input type="text" value="sudha"/>
ZONE CODE	<input type="text" value="Z001"/>
ENTER ROUTE NO.	<input type="text" value="1"/> Only digits are allowed!
ENTER CONTACT NO.	<input type="text" value="9756329753"/> Only digits and hyphens are allowed!
ENTER LOCATION	<input type="text" value="salimpur"/>
DISTRICT	<input type="text" value="HAJIPUR"/>
ENTER OFFICE REFRENCE	<input type="text" value="10/Mark/18"/>
ENTER REFRENCE DATE	<input type="text" value="2"/> <input type="text" value="5"/> <input type="text" value="2018"/>
ENTER RETAILER STATUS	<input type="text" value="Retailer"/>
ENTER RATE STATUS	<input type="text" value="MRP"/>



ZONE CODE

ENTER ROUTE NO.
Only digits are allowed!

ENTER CONTACT NO.
Only digits and hyphens are allowed!

ENTER LOCATION

DISTRICT Successful Insertion

ENTER OFFICE *i* Your record has entered successfully OK

ENTER REFERENCE

ENTER RETAILER STATUS

ENTER RATE STATUS

WHOLE DAY BOOTH

SUBMIT NEXT



Distributor Master Form..

DISTRIBUTOR MASTER

ENTER DISTRIBUTOR CODE D00002

ENTER DISTRIBUTOR NAME

ZONE CODE CHOOSE

ENTER **Message**
You Can't Skip To Enter Any Field , All Fields Are Mandatory To be Filled
OK

ENTER

ENTER OFFICE REFRENCE

ENTER REFRENCE DATE 1 1 2018

ENTER DISTRIBUTOR COMMISSION

SUBMIT NEXT

Distributor Master Form..

DISTRIBUTOR MASTER

ENTER DISTRIBUTOR CODE D00002

ENTER DISTRIBUTOR NAME anima

ZONE CODE Z001

ENTER CONTACT **Message**
this zone has been already allotted to other distributor!
OK

ENTER ADDRESS

ENTER OFFICE REFRENCE

ENTER REFRENCE DATE 1 1 2018

ENTER DISTRIBUTOR COMMISSION

SUBMIT NEXT



Distributor Master Form..

DISTRIBUTOR MASTER

ENTER DISTRIBUTOR CODE D00002

ENTER DISTRIBUTOR NAME anima

ZONE CODE Z002

ENTER CONTACT NO.

Successful Insertion

i Your record has entered successfully

OK

ENTER ADDRESS

ENTER OFFICE REFERENCE ref-02-mt

ENTER REFERENCE DATE 10 / 1 / 2018

ENTER DISTRIBUTOR COMMISSION 2
Only digits and decimals are allowed!

SUBMIT **NEXT**

MAIN PRODUCT MASTER

ENTER PRODUCT CODE P04

ENTER PRODUCT NAME

SUBMIT **NEXT**



MAIN PRODUCT MASTER

Confirmation

Do you want to SUBMIT the above details you Entered?

ENTER PRODUCT

ENTER PRODUCT

SUBMIT NEXT

A confirmation dialog box titled "Confirmation" is displayed. It contains a question mark icon and the text "Do you want to SUBMIT the above details you Entered?". There are "Yes" and "No" buttons at the bottom. The background shows a form with fields for entering product details and buttons for "SUBMIT" and "NEXT".

Main Product Form...

MAIN PRODUCT MASTER

ENTER PRODUCT

ENTER PRODUCT

SUBMIT NEXT

A message dialog box titled "Message" is displayed. It contains an information icon and the text "Product Name Already Exists". There is an "OK" button at the bottom. The background shows a form with fields for entering product details and buttons for "SUBMIT" and "NEXT".



MAIN PRODUCT MASTER

ENTER PRODUCT

ENTER PRODUCT

Confirmation

Do you want to SUBMIT the above details you Entered?

Yes No

SUBMIT NEXT

MAIN PRODUCT MASTER

ENTER PRODUCT

ENTER PRODUCT

Entry form

Successfully row inserted

OK

SUBMIT NEXT



Rate Master Form

RATE MASTER

PRODUCT CODE shaktii

PRODUCT CODE

ENTER PACK SIZE

ENTER PRODUCT NAME

ENTER FEILD NAME

ENTER MRP

ENTER RETAILER COMMISSION

ENTER EFFECTIVE DATE

Rate Master Form

RATE MASTER

PRODUCT CODE shaktii

PRODUCT CODE

ENTER PACK SIZE
Pack Size Should Be In Mili Liters!

ENTER PRODUCT NAME

ENTER FEILD NAME

ENTER MRP
Only digits and decimals are allowed!

ENTER RETAILER COMMISSION
Only digits and decimals are allowed!

ENTER EFFECTIVE DATE



Rate Master Form

RATE MASTER

PRODUCT CODE P01 shaktii

PRODUCT CODE P0101

ENTER PACK SIZE 200

ENTER PRODUCT

ENTER FEILD NA

ENTER MRP 12
Only digits and decimals are allowed!

ENTER RETAILER COMMISSION 2
Only digits and decimals are allowed!

ENTER EFFECTIVE DATE 3 1 2018

Succesful Insertion
Your record has entered succesfully
OK

SUBMIT **NEXT**



Sudha

CARD TRANSACTION

Ret Code	R00005	Zone Code	Z001
Route No.	1	Supply Shift	mrng
Supply_From	01	Supply To	20
Amt Received	2000	Amt Reference	cash

Only digits and decimals are allowed!

Prd Name & Code	P0101,gold_200	Product Quantity	
Product Name		Product Rate	
Product Value		Total Milk Value	
Balance Amount			

Prd Name & Code	P0101,gold_200	Confirmation	x
Product Name	gold_200	Do You Want To Enter More Products	
Product Value	20	<input type="button" value="Yes"/>	<input type="button" value="No"/>
Total Milk Value	20		
Balance Amount	1980		



Prd Name & Code P0101,gold_200 ▾

Product Quantity

Product code of selected item is:P0101

Product Name **Information Message**

i Product Code Already Exists,plz go to update section!

Total Milk Value

Balance Amount



Prd Name & Code P0101,gold_200 ▾

Product Quantity

Product code of selected item is:P0101

Product Name **Confirmation**

i Do You Want To Continue

Total Milk Value

Balance Amount





Prd Name & Code Product code of selected item is:P0101

Product Name

Product Quantity Only digits are allowed!

Product Rate

Product Value

Total Milk Value

Balance Amount



Prd Name & Code P0102,gold_500 Product code of selected item is:P0102,gold_500

Product Name gold_500

Product Value 62

Total Milk Value 82

Balance Amount 1898


Confirmation
Do You Want To Enter For Next Retailer
 Yes No



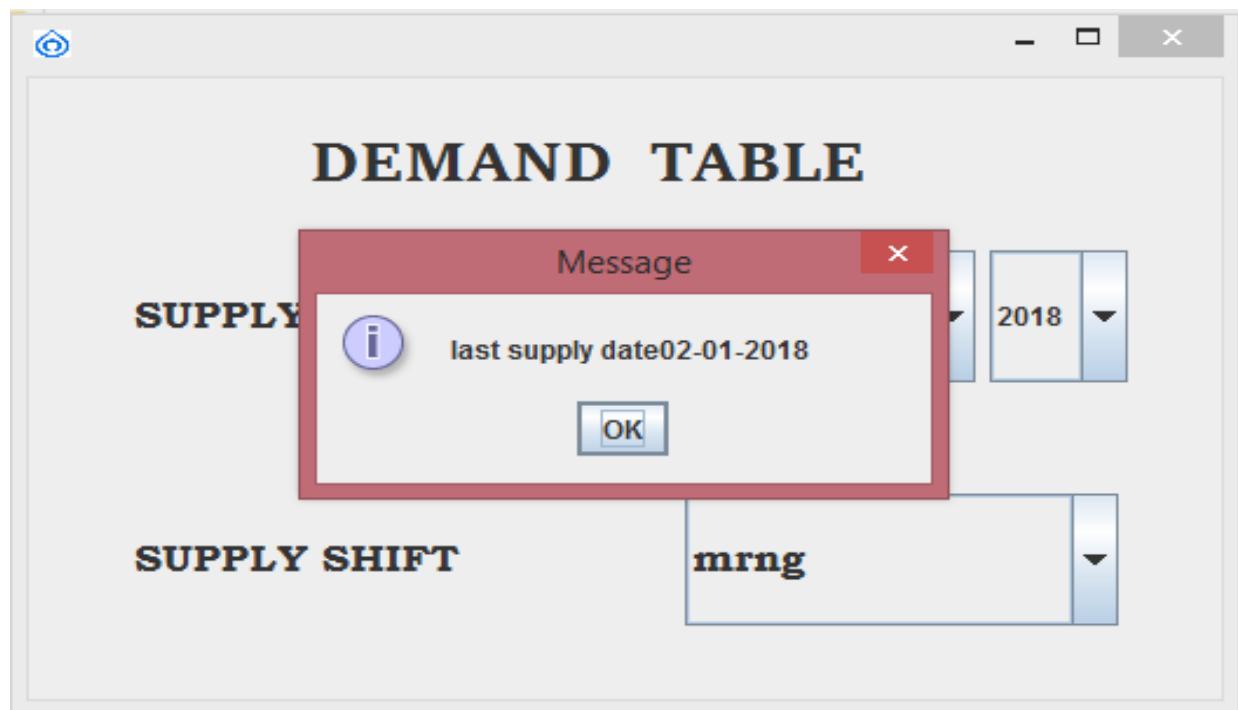
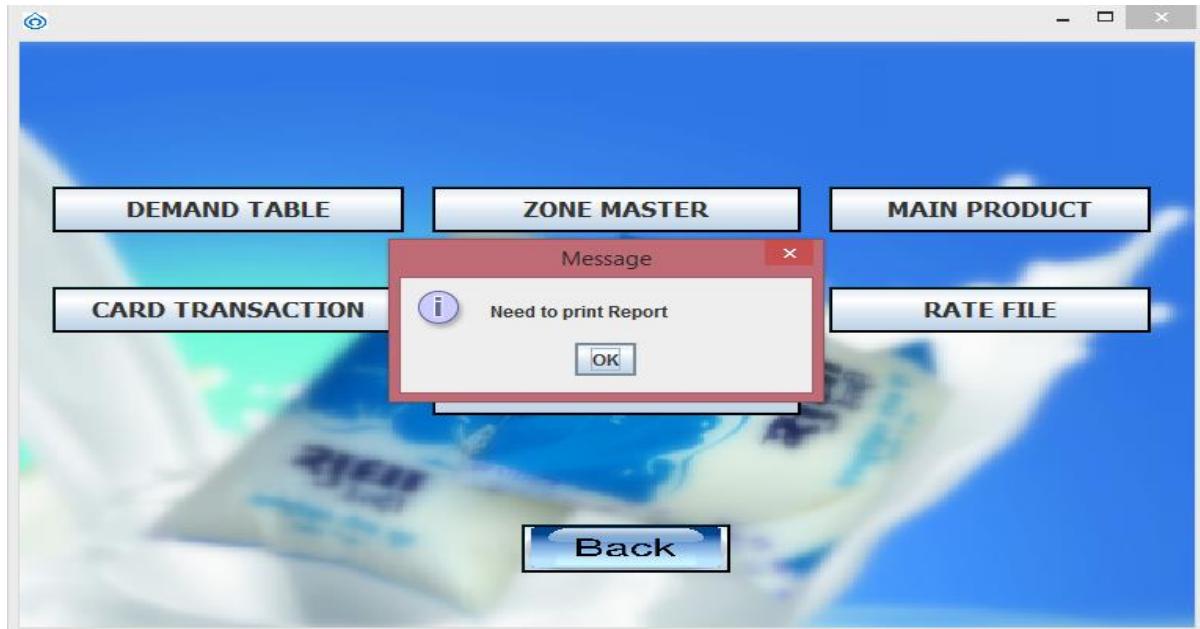


CLICK YES..IF YOU WANT TO INSERT MORE RECORDS..!!



CLICKING ON DEMAND TABLE

(WHEN ALL THE REPORT HAS NOT BEEN PRINTED)





DEMAND TABLE

SUPPLY

SUPPLY SHIFT

mrng

Message

i Need to enter for another shift

OK

2018

RETAILER CODE R00001

RETAILER STATUS Retailer

ZONE CODE Z001

ROUTE NO. 1

SUPPLY DATE 02-01-2018

SUPPLY SHIFT evng



AMOUNT RECEIVED 1000

Confirmation

i Do You Want To Enter More Products

Yes No

PRODUCT CODE P0103,gold_100

Product code of selected

PRPDUCT RATE 43

TOTAL MILK VALUE 86

BALANCE AMOUNT 914



SudhaMilkTrust

Prd Name & Code P0101,gold_200

Product Quantity

Product Name

i Product Code Already Exists,plz go to update section!

OK

Total Milk Value

Balance Amount





Prd Name & Code P0101,gold_200 ▾

Product Quantity

Product Name

Product

Confirmation

Do You Want To Continue

[Yes] [No]

Total Milk Value

Balance Amount

A screenshot of a software application window titled "Sudha". It contains fields for "Prd Name & Code" (P0101,gold_200), "Product Quantity", "Product Name", "Product", "Total Milk Value", and "Balance Amount". A confirmation dialog box is overlaid on the screen, asking "Do You Want To Continue" with "Yes" and "No" buttons. The background fields show placeholder text like "Product code of selected item is:P0101" and "Product".

AMOUNT RECEIVED 1000

PRODUCT CODE P0103,gold_10

Product code of selected item is:P0103,gold_10

PRDUCT RATE 43

Confirmation

i Do You Want To Enter For Next Retailer

[Yes] [No]

TOTAL MILK VALUE 86

BALANCE AMOUNT 914

A screenshot of a software application window titled "Sudha". It contains fields for "AMOUNT RECEIVED" (1000), "PRODUCT CODE" (P0103,gold_10), "Product code of selected item is:P0103,gold_10", "PRDUCT RATE" (43), "TOTAL MILK VALUE" (86), and "BALANCE AMOUNT" (914). A confirmation dialog box is overlaid on the screen, asking "Do You Want To Enter For Next Retailer" with "Yes" and "No" buttons. The background fields show placeholder text like "Product code of selected item is:P0103,gold_10" and "PRDUCT RATE".



Sudha

SERVICEFORMS

SEARCH,UPDATE...!!

SEARCH RESULT..

ZONE MASTER'S SEARCH FORM

Search Zone..

Home

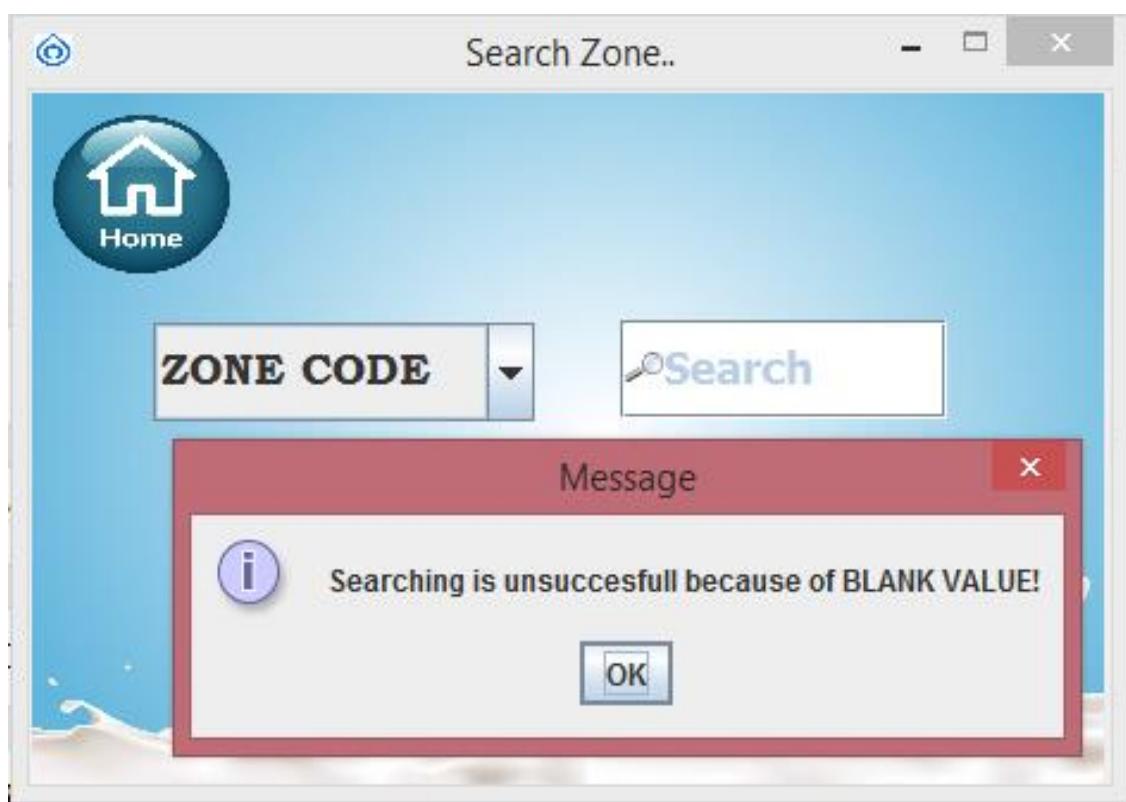
ZONE CODE

Search

<< BACK

SEARCH

ALL RECORD



ON CLICKING ON SEARCH

RECORD	
ZONE CODE	Z001
ZONE NAME	Zone Name=1
LOCATION	salimpur
DISTRICT	CHAPRA



Sudha

CLICKING ON ALL RECORD

Zone Code	Zone Name	Location	District
Z001	Zone Name=1	salimpur	CHAPRA
Z002	Zone Name=2	htfh	CHAPRA

RETAILER MASTER'S SEARCH FORM

Search Retailer..

Home

RETAILER CODE

Search

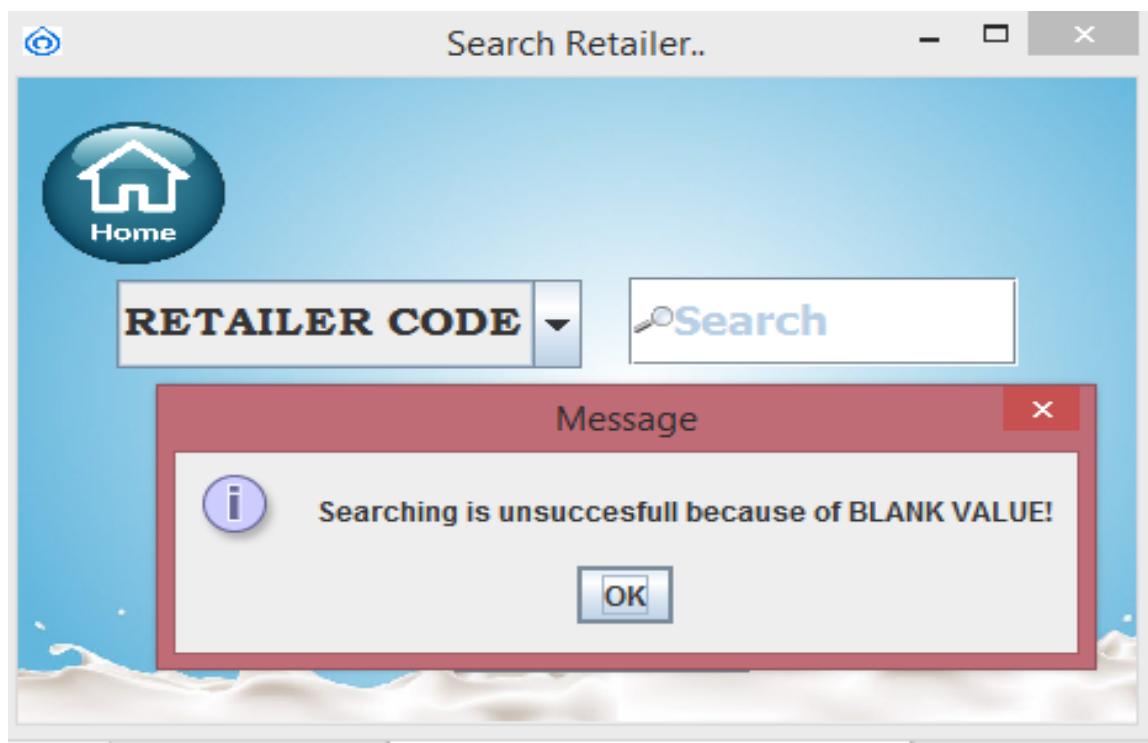
<< BACK

Search

ALL RECORD



Sudha



ON CLICKING ON SEARCH

FIELD	VALUE
RETAILER CODE	R00001
RETAILER NAME	anima
ZONE CODE	Z001
ROUTE NO.	1
CONTACT NO.	57578689
LOCATION	jfhjgvjh
DISTRICT	HAJIPUR
OFFICE REFRENCE	yuhujgbjh
REFRENCE DATE	3-1-2018



ROUTE NO.	1
CONTACT NO.	57578689
LOCATION	jfhjgvgjh
DISTRICT	HAJIPUR
OFFICE REFRENCE	yuhujgbjh
REFRENCE DATE	3-1-2018
RETAILER STATUS	Retailer
RATE STATUS	MRP
WHOLE DAY BOOTH	YES

<< **<** record no.: 1 **>** **>>**

CLICKING ON NAVIGATION KEY

ROUTE NO.	1
CONTACT NO.	57578689
LOCATION	jfhjgvgjh
DISTRICT	HAJIPUR
OFFICE REFRENCE	record
REFRENCE DATE	You are already at last record
RETAILER STATUS	OK
RATE STATUS	MRP
WHOLE DAY BOOTH	YES

<< **<** record no.: 1 **>** **>>**



Sudha

CLICKING ON ALL RECORD

retailer code	retailer name	zone code	route no.	contact no.	location	district	office reference	reference date	retailer status	rate status	whole day booth
R00001	anima	Z001	1	57578689	jfhjgvjh	HAJIPUR	yuhujbjh	3-1-2018	Retailer	MRP	YES
R00002	suhani	Z001	2	465476576	gdtgfv	HAJIPUR	ttthdtg	4-1-2018	Institute	MRP	NO
R00003	neha	Z002	1	6467578586	trtlyfyufuj	SHEKHUPURA	ugujgyjh	5-1-2018	Distributor	MRP	YES
R00004	kritika	Z003	1	5356476476	dthdfyfjyh	PATNA	ffyhfjh	7-1-2018	Retailer	MRP	YES
R00005	sudha	Z001	1	9756329753	salimpur	HAJIPUR	10Mark/18	2-5-2018	Retailer	MRP	YES

DISTRIBUTOR MASTER'S SEARCH FORM

Distributor Master search Form..

Home

DISTRIBUTOR CODE

Search

<< BACK

SEARCH

ALL RECORD



ON CLICKING ON SEARCH FORM

The screenshot shows a window titled "Distributor Master Search Form.." with a red header bar containing the word "RECORD". The form displays the following data:

DISTRIBUTOR CODE	D00001
DISTRIBUTOR NAME	anima
ZONE CODE	Z001
CONTACT NO.	3435435635
ADDRESS	salimpur ahara
OFFICE REFRENCE	rdf32
REFRENCE DATE	1-1-2018
DISTRIBUTOR COMISSION	1

At the bottom are navigation buttons: <<, <, record no.: 1, >, >>.



CLICKING ON NAVIGATION KEY

Distributor Master Search Form..

RECORD

DISTRIBUTOR CODE	DO0001
DISTRIBUTOR NAME	anima
ZONE CODE	Z001
CONTACT NO.	<div style="border: 1px solid red; padding: 5px; width: fit-content;">record <i>i</i> You are already at last record OK</div>
ADDRESS	
OFFICE REFRENCE	rdff32
REFRENCE DATE	1-1-2018
DISTRIBUTOR COMISSION	1

<< < record no.: 1 > >>

CLICKING ON ALL RECORD

All Record of Distributor Master..

distributor code	distributor name	zone code	contact no.	address	office reference	refrence date	distributor commision
D00001	anima	Z001	3435435635	salimpur ahara	rdff32	1-1-2018	1
D00002	anima	Z002	5435635647	salimar123	reff-02-mt	10-1-2018	2



Sudha

MAIN PRODUCT MASTER'S SEARCH FORM

Main Product Search Form..

Home

MAIN PRODUCT CODE

Search

<< BACK **SEARCH**

ALL RECORD

Main Product Search Form..

Home

MAIN PRODUCT CODE

Search

Message

i Searching is unsuccesfull because of BLANK VALUE!

OK

ON CLICKING ON SEARCH FORM

Main Product Search Form..

RECORD

PRODUCT CODE	P01
PRODUCT NAME	shaktii



CLICKING ON ALL RECORD

MainProduct Code	MainProduct name
P01	shaktii
P02	gold
P03	shakti
P04	shakti
P05	shakti
P06	

RATE FILE'S SEARCH FORM

Rate Search form..

Home

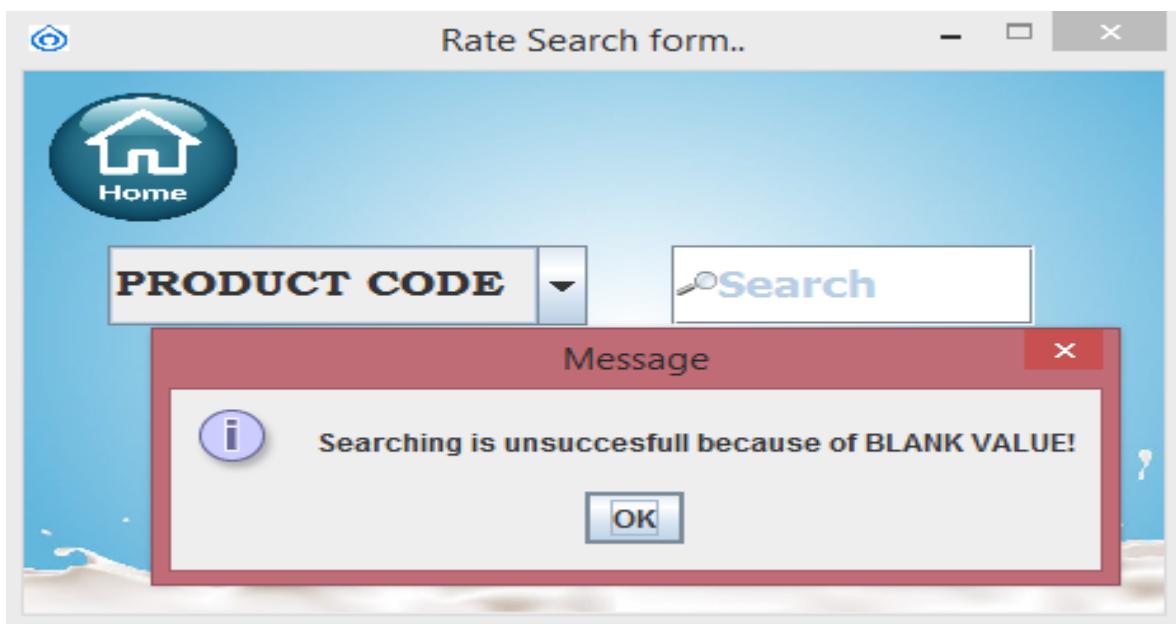
PRODUCT CODE ▾

Search

<< BACK

SEARCH

ALL RECORD



ON CLICKING ON SEARCH FORM

Rate Master Search Form..

RECORD

PRODUCT CODE	P0101
PRODUCT NAME	shakti_200
FIELD NAME	sh_200
PACK SIZE	200
MRP	14
RETAILER COMMISION	1
EFFECTIVE DATE	2-1-2018



Sudha

CICKING ON ALL RECORD

All Record Of Rate File..						
Product Code	Product Name	Field Name	Pack Size	MRP	Retailer Commision	Effective Date
P0101	shakti_200	sh_200	200	14	1	2-1-2018
P0102	shakti_1000	sh_1000	1000	33	2	4-1-2018
P0103	shakti_500	sh_500	500	22	2	1-1-2018
P0201	gold_200	gd_200	200	11	2	5-1-2018
P0202	gold_1000	gd_1000	1000	33	2	7-1-2018
P0203	gold_500	gd_500	500	22	2	1-1-2018

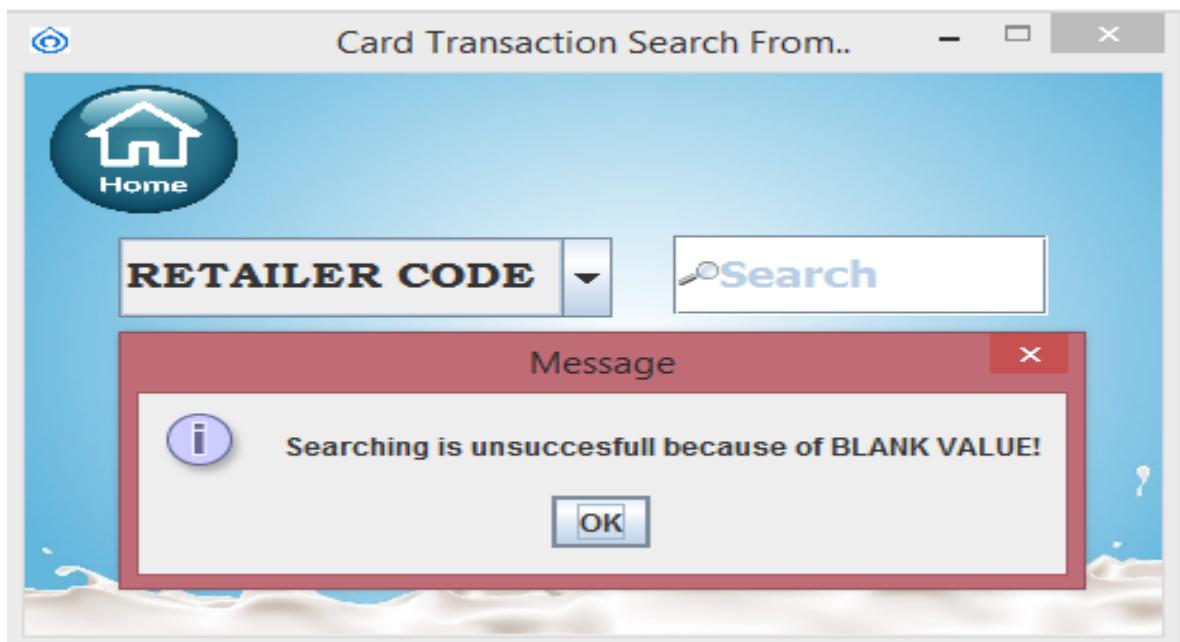
CARD TRANSACTION'S SEARCH FORM

Card Transaction Search From..

RETAILER CODE



Sudha



ON CLICKING ON SEARCH

RECORD	
RETAILER CODE	R00001
ZONE CODE	Z001
ROUTE NO.	1
SUPPLY FROM	01-01-2018
SUPPLY TO	20-01-2018
SHIFT	mrng
AMOUNT RECEIVED	50
AMOUNT REFERENCE	cash
PRODUCT CODE	P0101



SHIFT	mrng
AMOUNT RECEIVED	50
AMOUNT REFERENCE	cash
PRODUCT CODE	P0101
PRODUCT NAME	gold_200
PRODUCT QUANTITY	2
PRODUCT RATE	10
PRODUCT VALUE	20
SHORT EXCESS AMOUNT	0

<< **<** **Record No.: 1** **>** **>>**

SHIFT	mrng
AMOUNT RECEIVED	1000
AMOUNT REFERENCE	cash
PRODUCT CODE	P0103
PRODUCT NAME	gold_1000
PRODUCT QUANTITY	2
PRODUCT RATE	42
PRODUCT VALUE	84
SHORT EXCESS AMOUNT	0

<< **<** **Record No.: 2** **>** **>>**



SHIFT

AMOUNT RECEIVED

AMOUNT REFERENCE

PRODUCT CODE

PRODUCT NAME

PRODUCT QUANTITY

PRODUCT RATE

PRODUCT VALUE

SHORT EXCESS AMOUNT

record

You are already at last record

OK

<< < Record No.: 3 > >>

◀ □ ▶

CLICKING ON ALL RECORD

Retailer Code	Zone Code	Route No.	Supply From	Supply To	Shift	Amount Receiv...	Amount Refere...	Product Code	Product Name	Product Quantity	Product Rate	Product Value	Short Excess A...
R00001	Z001	1	01-01-2018	20-01-2018	mmg	50	cash	P0101	gold_200	2	10	20	0
R00001	Z001	1	01-01-2018	20-01-2018	mmg	1000	cash	P0103	gold_1000	2	42	84	0
R00001	Z001	1	01-01-2018	20-01-2018	mmg	1000	cash	P0301	cow_200	2	10	20	812
R00002	Z001	2	01-01-2018	15-01-2018	mmg	2000	cash	P0102	gold_500	3	31	93	0
R00002	Z001	2	01-01-2018	15-01-2018	mmg	2000	cash	P0103	gold_1000	2	42	84	1730
R00003	Z002	1	01-01-2018	17-01-2018	mmg	1000	cash	P0202	shakti_500	3	20	60	0
R00003	Z002	1	01-01-2018	17-01-2018	mmg	1000	cash	P0302	cow_500	2	20	40	840
R00005	Z001	1	01-01-2018	20-01-2018	mmg	2000	cash	P0101	gold_200	2	10	20	0
R00005	Z001	1	01-01-2018	20-01-2018	mmg	2000	cash	P0102	gold_500	2	31	62	1898



Sudha

DEMAND TABLE SEARCH FORM

Demand Table Search From..

Demand Table Search From..



ON CLICKING ON SEARCH FORM

Demand Table Search Form..

RECORD

RETAILER CODE	R00001
RETAILER STATUS	Retailer
ZONE CODE	Z001
ROUTE NO.	1
SUPPLY DATE	02-01-2018
SHIFT	evng
AMOUNT RECEIVED	4000
PACKAGE CODE	P0101

Demand Table Search Form..

SUPPLY DATE	02-01-2018
SHIFT	evng
AMOUNT RECEIVED	4000
PACKAGE CODE	P0101
PACKAGE NAME	shakti_200
PRODUCT QUANTITY	2
PRODUCT RATE	12
PRODUCT VALUE	0

<< < record no.: 1 > >>



CLICKING ON NAVIGATION KEY

Demand Table Search Form..

RECORD	
RETAILER CODE	R00001
RETAILER STATUS	Retailer
ZONE CODE	Z001
ROUTE NO.	1
SUPPLY DATE	02-01-2018
SHIFT	evng
AMOUNT RECEIVED	4000
PACKAGE CODE	P0101

Demand Table Search Form..

SUPPLY DATE	02-01-2018
SHIFT	evng
AMOUNT RECEIVED	4000
PACKAGE CODE	P0101
PACKAGE N	<div style="border: 1px solid #ccc; padding: 5px; width: fit-content;">record i You are already at last record <input type="button" value="OK"/></div>
PRODUCT QUAN	
PRODUCT RATE	12
PRODUCT VALUE	0

<< < record no.: 1 > >>



Sudha

CICKING ON ALL RECORD

All Record of Demand Table..												
Retailer Code	Retailer Status	Zone Code	Route No.	Supply Date	Shift	Amount Rece...	Package Code	Package Name	Product Quan...	Product Rate	Product value	sh_ex_amount
R00001	Retailer	Z001	1	02-01-2018	evng	4000	P0101	shakti_200	2	12	0	4000

UPDATE RESULT..

UPDATE OF ZONE

Zone Update Form..

ZONE CODE	<input type="text" value="z001"/>
ZONE NAME	<input type="text" value="Zone Name=1"/>
LOCATION	<input type="text" value="salim"/>
DISTRICT	<input type="text" value="CHAPRA"/>
<< BACK	UPDATE



Sudha

Zone Update Form..

ZONE CODE	<input type="text" value="z001"/>
ZONE NAME	<input type="text" value="Zone Name=1"/>
<input checked="" type="checkbox"/> LOCATION	<input type="text" value="salimpur"/>
<input type="checkbox"/> DISTRICT	

Message

Total row updated:1

OK

<< BACK **UPDATE**

UPDATE OF RETAILERMASTER

RETAILER CODE

<input type="text"/>	
<input type="checkbox"/> RETAILER NAME	<input type="text"/>
<input type="checkbox"/> ZONE CODE	<input type="text" value="z001"/>
<input type="checkbox"/> ROUTE NO.	<input type="text"/>
<input type="checkbox"/> CONTACT NO.	<input type="text"/>
<input type="checkbox"/> LOCATION	<input type="text"/>
<input type="checkbox"/> DISTRICT	<input type="text"/>
<input type="checkbox"/> OFFICE REFRENCE	<input type="text"/>
<input type="checkbox"/> REFRENCE DATE	<input type="text"/>
<input type="checkbox"/> RETAILER STATUS	<input type="text"/>
<input type="checkbox"/> RATE STATUS	<input type="text"/>



Zone Code: Z001

Route No.:

Contact No.:

Location:

District:

Office Reference:

Refrence Date:

Retailer Status:

Rate Status:

Whole Day Booth:

RETAILER CODE: R00001

Retailer Name: anima

Zone Code: Z001

Route No.: 1

Contact No.: 57578689

Location: salim

District: HAJIPUR

Office Reference: yuhujgbjh

Refrence Date: 3-1-2018

Retailer Status: Retailer

Rate Status: MRP



ZONE CODE

ROUTE NO.

CONTACT NO.

LOCATION

DISTRICT

OFFICE REFERENCE

REFRENCE DATE

OK

RETAILER STATUS

RATE STATUS

WHOLE DAY BOOTH

<< BACK UPDATE

UPDATE OF DISTRIBUTOR

Distributor Master Update Form

DISTRIBUTOR CODE

DISTRIBUTOR NAME

ZONE CODE

CONTACT NO.

ADDRESS

OFFICE REFRENCE

REFRENCE DATE

OK

DISTRIBUTOR COMISION

<< BACK UPDATE



UPDATE OF MAIN PRODUCT

Main Product Update Form..

MAIN PRODUCT CODE	<input type="text" value="p01"/>
<input checked="" type="checkbox"/> PRODUCT NAME	<input type="text" value="shakti"/>
<input type="button" value="<< BACK"/>	<input type="button" value="UPDATE"/>

Message

Total row updated:1

<input checked="" type="checkbox"/> PRODUCT NAME	<input type="text" value="shaktii"/>
<input type="button" value="<< BACK"/>	<input type="button" value="UPDATE"/>



UPDATE OF RATE FILE

Update Rate File..

PRODUCT CODE	<input type="text" value="p0101"/>
<input type="checkbox"/> MRP	<input type="text" value="11"/>
<input type="checkbox"/> RETAILER COMMISSION	<input type="text" value="1"/>
<input type="checkbox"/> EFFECTIVE DATE	<input type="text" value="2-1-2018"/>
<input type="button" value="<< BACK"/>	
<input type="button" value="UPDATE"/>	

Update Rate File..

PRODUCT CODE	<input type="text" value="p0101"/>
<input checked="" type="checkbox"/> MRP	<input type="text" value="14"/>
<input type="checkbox"/> RETAILER C	<div style="border: 1px solid #ccc; padding: 5px; width: fit-content; margin-left: auto; margin-right: 0;"><p>Succesful updation</p><p>Your record has UPDATED succesfully</p><p><input type="button" value="OK"/></p></div>
<input type="checkbox"/> EFFECTIVE	
<input type="button" value="<< BACK"/>	
<input type="button" value="UPDATE"/>	



UPDATE OF CARD TRANSACTION

RETAILER CODE	<input type="text" value="R00001"/>
PRODUCT CODE	<input type="text" value="P0101"/> <input type="button" value="▼"/>
PRODUCT NAME	<input type="text"/>
RETAILER NAME	<input type="text" value="anima"/>
ZONE CODE	<input type="text" value="Z001"/>
<input type="checkbox"/> SUPPLY FROM	<input type="text"/>
<input type="checkbox"/> SUPPLY TO	<input type="text"/>
<input type="checkbox"/> SHIFT	<input type="text"/>
<input type="checkbox"/> AMOUNT RECEIVED	<input type="text"/>
<input type="checkbox"/> AMOUNT REFRENCE	<input type="text"/>
PRODUCT RATE	<input type="text"/>

PRODUCT NAME	<input type="text"/>
RETAILER NAME	<input type="text" value="anima"/>
ZONE CODE	<input type="text" value="Z001"/>
<input type="checkbox"/> SUPPLY FROM	<input type="text"/>
<input type="checkbox"/> SUPPLY TO	<input type="text"/>
<input type="checkbox"/> SHIFT	<input type="text"/>
<input type="checkbox"/> AMOUNT RECEIVED	<input type="text"/>
<input type="checkbox"/> AMOUNT REFRENCE	<input type="text"/>
PRODUCT RATE	<input type="text"/>
<input type="checkbox"/> PRODUCT QUANTITY	<input type="text"/>
<input type="button" value="<< BACK"/> <input type="button" value="UPDATE"/>	



RETAILER CODE	r00003
PRODUCT CODE	P0202
PRODUCT NAME	shakti_500
RETAILER NAME	neha
ZONE CODE	Z002
<input type="checkbox"/> SUPPLY FROM	01-01-2018
<input type="checkbox"/> SUPPLY TO	17-01-2018
<input checked="" type="checkbox"/> SHIFT	evng
<input type="checkbox"/> AMOUNT RECEIVED	1000
<input type="checkbox"/> AMOUNT REFRENCE	cash
PRODUCT RATE	20

PRODUCT NAME	shakti_500
RETAILER NAME	neha
ZONE CODE	Z002
<input type="checkbox"/> SUPPLY FROM	01-01-2018
<input type="checkbox"/> SUPPLY TO	17-01-2018
<input checked="" type="checkbox"/> SHIFT	evng
<input type="checkbox"/> AMOUNT RECEIVED	1000
<input type="checkbox"/> AMOUNT REFRENCE	cash
PRODUCT RATE	20
<input checked="" type="checkbox"/> PRODUCT QUANTITY	5

Your Product Value for this :100

<< BACK **UPDATE**



Product Name: [Text Box]

Retailer Name: [Text Box]

Zone Code: [Text Box]

Supply From: [Text Box]

Supply To: [Text Box]

Shift: [Text Box]

Amount Received: [Text Box]

Amount Reference: [Text Box]

Product Rate: [Text Box]

Product Quantity: [Text Box]

A modal dialog box titled "Message" is displayed in the center, showing the message "row updated" with an "OK" button.

UPDATE OF DEMAND TABLE

RETAILER CODE: r00001

PRODUCT CODE: P0101

RETAILER NAME: suhani

ZONE CODE: Z001

SUPPLY DATE: 02-01-2018

SHIFT: mrng

AMOUNT RECEIVED: 4000

PRODUCT QUANTITY: 2

PRODUCT NAME: shakti_200

PRODUCT RATE: 12



PRODUCT CODE P0101

RETAILER NAME	suhani
ZONE CODE	Z001
<input type="checkbox"/> SUPPLY DATE	02-01-2018
<input type="checkbox"/> SHIFT	mrng
<input type="checkbox"/> AMOUNT RECEIVED	4000
<input type="checkbox"/> PRODUCT QUANTITY	2
PRODUCT NAME	shakti_200
PRODUCT RATE	12

<< BACK **UPDATE**

PRODUCT CODE P0101

RETAILER NAME	suhani
ZONE CODE	Z001
<input type="checkbox"/> SUPPLY DATE	02-01-2018
<input checked="" type="checkbox"/> SHIFT	evng
<input type="checkbox"/> AMOUNT RECEIVED	4000
<input type="checkbox"/> PRODUCT QUANTITY	
PRODUCT NAME	
PRODUCT RATE	12

Message
row updated
OK

<< BACK **UPDATE**

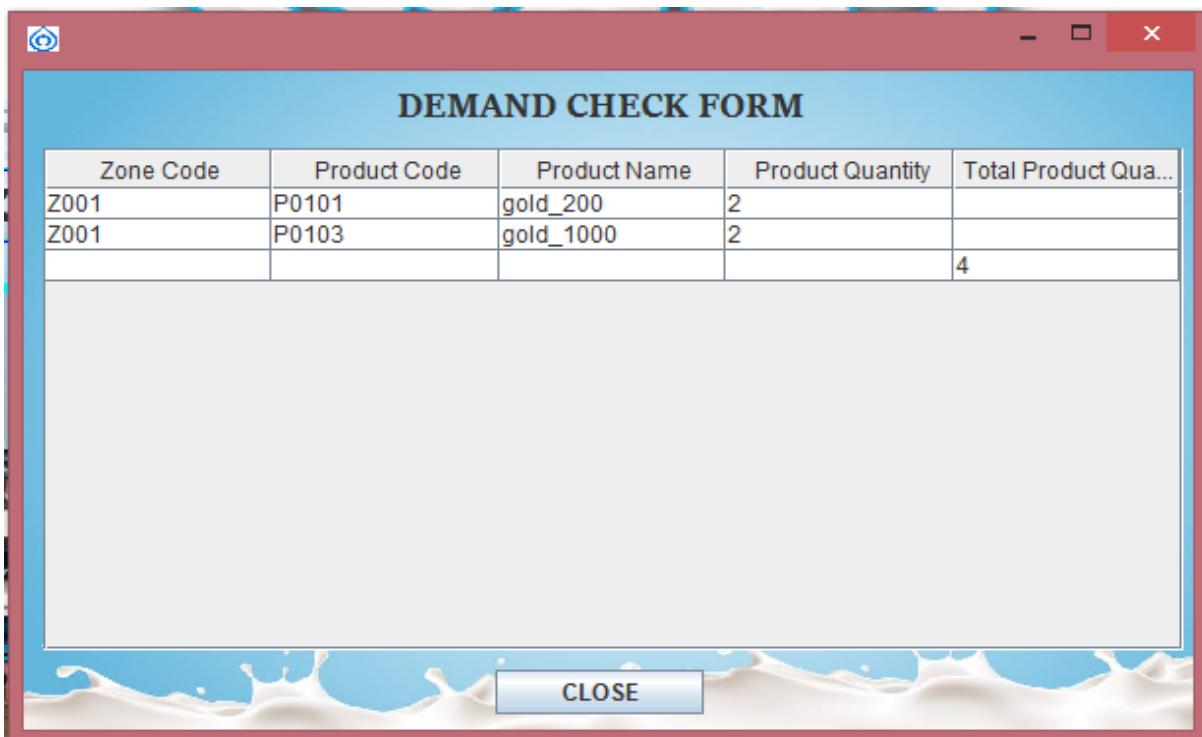


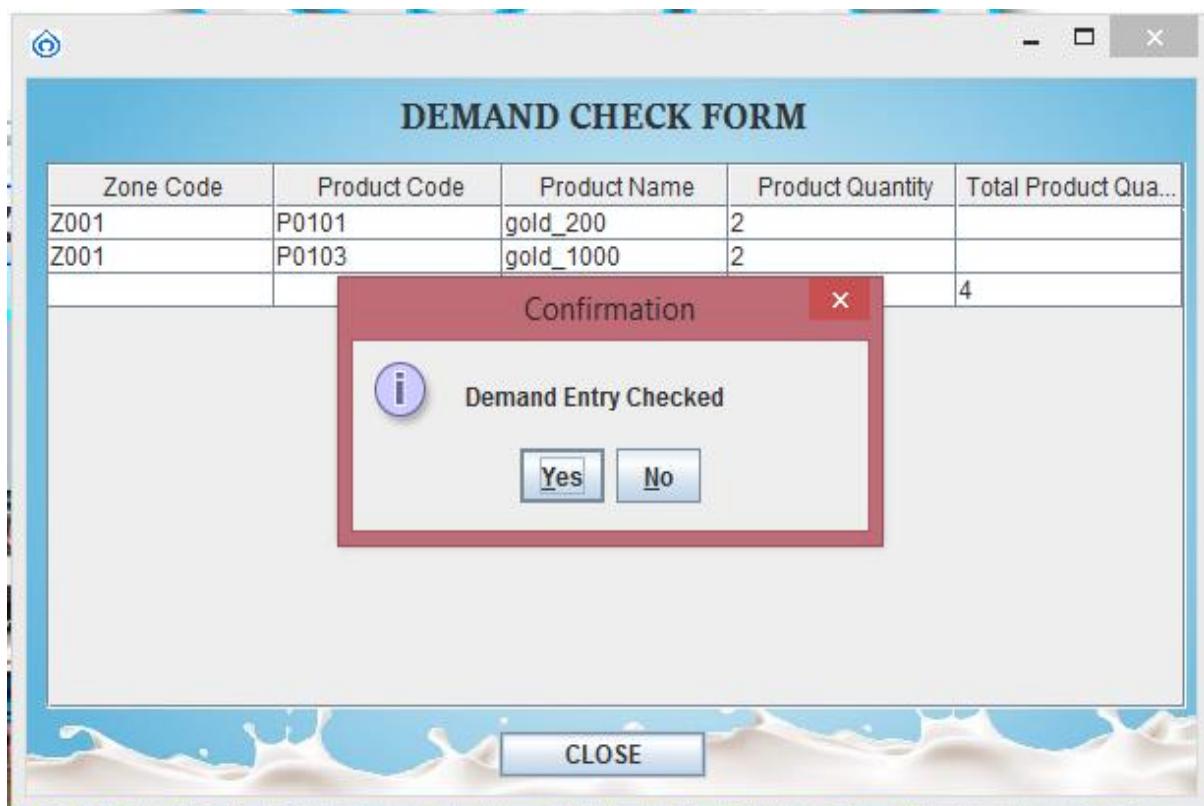
Sudha

PROCESS_CHK FORM

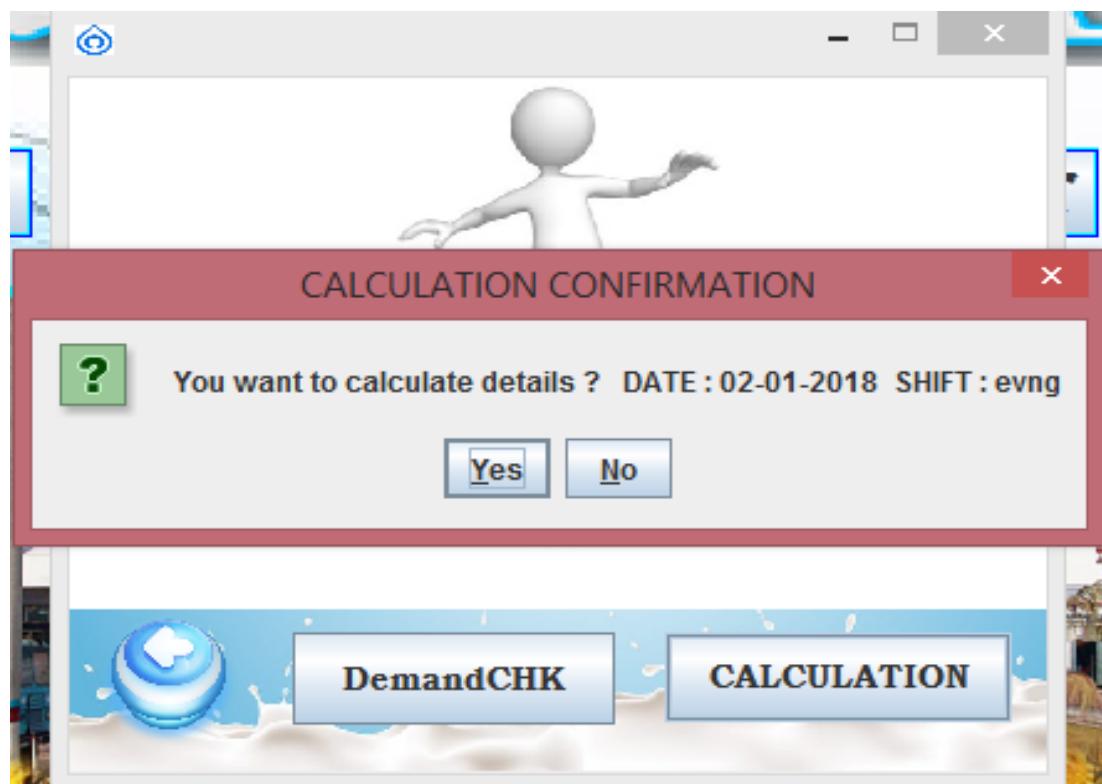


CLICKING ON DEMAND_CHK





CLICKING ON CALCULATION



REPORTING..





Sudha

DEALER REPORT

Sealer Report

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD. DAILY MILK SALE SUMMARY DATE : 01-01-2018

DEALERWISE SALE QUANTITIES

DISTRIBUTOR	COW_200	COW_500	COW_1000	GOLD_200	GOLD_500	SHAKTI_200	SHAKTI_500	TOTAL_QTY
D00001	2	3	2	2	2	3		14
D00002	2	3	2	2	2	3		14
D00003	2	3	2			3		14
TOTAL	6	9	6			9		42

DISTRIBUTOR WISE ... ALE_VALUE

DISTRIBUTOR	cow_200	cow_500	cow_1000	shakti_200	shakti_500	TOTAL_VALUE
D00001	16	90	0	27	27	235
D00002	16	90	0	27	27	235
D00003	16	90	0	27	27	235
TOTAL	48	270	0	120	186	705

Print confirmation

Do you want to print?

Yes No

Sealer Report

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD. DATE : 01-01-2018

DEALERWISE SALE QUANTITIES

DISTRIBUTOR	COW_200	COW_500	COW_1000	SHAKTI_200	SHAKTI_500	TOTAL_QTY
D00001	2	3	2			14
D00002	2	3	2			14
D00003	2	3	2			14
TOTAL	6	9	6			42

DISTRIBUTOR WISE ... ALE_VALUE

DISTRIBUTOR	cow_200	cow_500	cow_1000	shakti_200	shakti_500	TOTAL_VALUE
D00001	16	90	0	27	27	235
D00002	16	90	0	27	27	235
D00003	16	90	0	27	27	235
TOTAL	48	270	0	120	186	705

Page Setup

Paper:

Size: Letter

Source: Automatically Select

Orientation:

Portrait Landscape

Margins (inches):

Left: 1 Right: 1
Top: 1 Bottom: 1

OK Cancel



Sudha

Sealer Report

VAISHALI PATLIPUTRA DUGDH UTPADAK SAHKARI

DEALERWISE SALE QUANTITIES

DISTRIBUTOR	COW_200	COW_500
D00001	2	3
D00002	2	3
D00003	2	3
TOTAL	6	9

DISTRIBUTOR WISE ... ALE_VALUE

DISTRIBUTOR	COW_200	COW_500
D00001	16	90
D00002	16	90
D00003	16	90
TOTAL	48	270

DATE : 01-01-2018

Print

Printer: Microsoft XPS Document Writer

Status: Ready

Type: Microsoft XPS Document Writer v4

Where: PORTPROMPT:

Comment: Print to file

Print range: All, Pages from: 1 to: 9999, Selection

Copies: Number of copies: 1

OK Cancel

COW_200	SHAKTI_500	TOTAL_QTY
200	14	
200	14	
200	14	
200	42	
shakti_500	TOTAL_VALUE	
235	235	
235	235	
235	705	

DISTRIBUTION SHEET

Distribution Sheet

PATNA DAIRY PROJECT

PHULWARISHARIF, PATNA

EVENING

POLYPACK MILK DISTRIBUTION SHEET

DATE : 01-01-2018
PAGE NO.: 1

RATE:

PRODUCT NAME :	cow_200	cow_500	cow_1000	gold_200	gold_500	shakti_200	shakti_500
CONSUMER RATE:	11	22	33	11	22	11	22

ZONE NO.: Z003 ROUTE NO.: 1

PRODUCT WISE MILK QUANTITY IN LITERS

RETAILER CODE	PRODUCT CODE	SHORT EXCESS AMOUNT

Print confirmation

'Do You Want to print : press 'YES' Or View : Press 'NO'

Yes No



Sudha

GATE PASS

Gate Pass...



PATNA DAIRY PROJECT

GATE PASS	Phulwarisharif	DATE : <input type="text" value="01-01-2018"/>
ZONE NO. : <input style="width: 100px; height: 25px; border: 1px solid black;" type="text" value="2001"/> <input style="width: 20px; height: 25px; border: 1px solid black; vertical-align: middle;" type="button" value="▼"/>	ROUTE NO. : <input style="width: 100px; height: 25px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 25px; border: 1px solid black; vertical-align: middle;" type="button" value="▼"/>	SHIFT : <input style="width: 100px; height: 25px; border: 1px solid black;" type="text" value="evng"/> <input style="width: 20px; height: 25px; border: 1px solid black; vertical-align: middle;" type="button" value="▼"/>
<hr/> ----- PRODUCT WISE MILK QUANTITY IN LITERS -----		
TRUCK TANKER LV/NO : cow_200 cow_500 cow_1000 gold_200 gold_500 shakti_200 shakti_500		
DISPATCH TIME : TOTAL MILK IN CRATES :		MILK QUANTITY IN CANS :
		NO. OF FILLED CRATES : NO. OF FILLED CANS :
TIME OUT (GATE) : NO. OF EMPTY CRATES :		NO. OF EMPTY CANS :
		TOTAL NO. OF CANS :
Remarks :		
		SIGNATURE (SHIFT INCHARGE)

Gate Pass...



PATNA DAIRY PROJECT

Phulwarisharif

GATE PASS

ZONE NO.: **ROUTE NO.:**

DATE : **SHIFT :**

PRODUCT WISE MILK QUANTITY IN LITERS

TRUCK TANKER LV/NO :	cow_200	cow_500	shakti_500
	2	2	
DISPATCH TIME :	TOTAL MILK		MILK QUANTITY IN CANS :
	NO. OF FILLED CRATES : 2		NO. OF FILLED CANS :
TIME OUT (GATE) :	NO. OF EMPTY CRATES :		NO. OF EMPTY CANS :
	TOTAL NO. OF CRATES :		TOTAL NO. OF CANS :

Print confirmation

? Do you want to print ?

Yes **No**

Remarks :

SIGNATURE
(SHIFT INCHARGE)



Sudha

GATE PASS

ZONE NO.: Z001

TRUCK TANKER LV/NO : cow_200 cow_500
2 2

DISPATCH TIME : TOT NO.
TIME OUT (GATE) : NO. TOT

Remarks :

DATE : 01-01-2018
SHIFT : evng

IN LITERS : 500

MILK QUANTITY IN CANS :
NO. OF FILLED CANS :
NO. OF EMPTY CANS :
TOTAL NO. OF CANS :

SIGNATURE
(SHIFT INCHARGE)

PATNA DAIRY PROJECT

Page Setup

Paper

Size: Letter
Source: Automatically Select

Orientation

Portrait Left: 1 Right: 1
Landscape Top: 1 Bottom: 1

Margins (inches)

OK Cancel

GATE PASS

ZONE NO.: Z001

TRUCK TANKER LV/NO : cow_200 cow_500
2 2

DISPATCH TIME : TOT MIL
NO. OF FIL
TIME OUT (GATE) : NO. OF EM
TOTAL NO.

Remarks :

DATE : 01-01-2018
SHIFT : evng

IN CANS :
ANS :
ANS :
ANS :

SIGNATURE
(SHIFT INCHARGE)

PATNA DAIRY PROJECT

Print

Printer

Name: Microsoft XPS Document Writer Properties...

Status: Ready
Type: Microsoft XPS Document Writer v4
Where: PORTPROMPT:
Comment: Print to file

Print range

All
Pages from: 1 to: 9999
Selection

Copies

Number of copies: 1

OK Cancel



Sudha

CRATE DETAILS

Crate Details

PATNA DAIRY PROJECT , PATNA

DETAILS OF MILK CRATE ROUTE & RETAILERWISE

ZONE :	Z001	ROUTE :	1	SUB_ROUTE	evng	DATE :	01-01-2018
RET_CODE	SUPPLY_CRA						SIGNATURE
R00001	2						

Print confirmation

Do You want to print ?

Yes **No**

Crate Details

Page Setup

ZONE :	Z001	DATE :	01-01-2018
RET_CODE	SUPPLY_CRA		SIGNATURE
R00001	2		

Paper

Size: Letter Source: Automatically Select

Orientation

Portrait Landscape

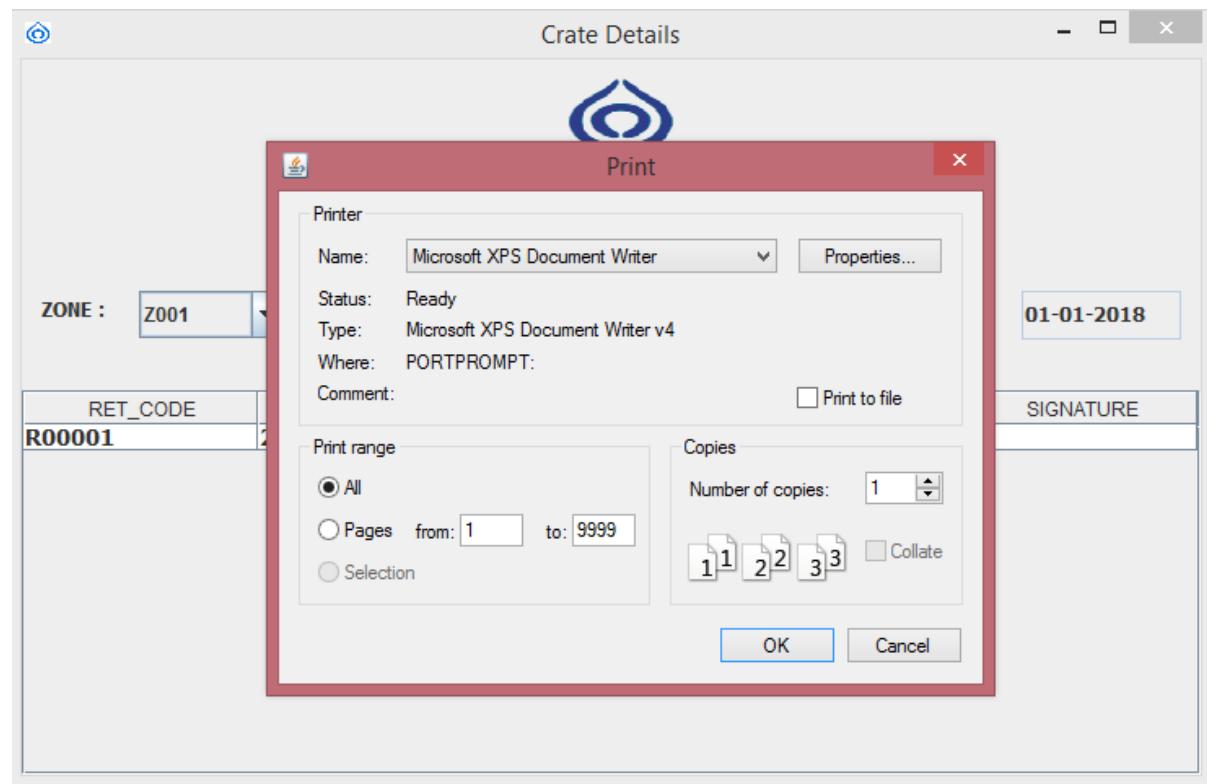
Margins (inches)

Left: 1 Right: 1
Top: 1 Bottom: 1

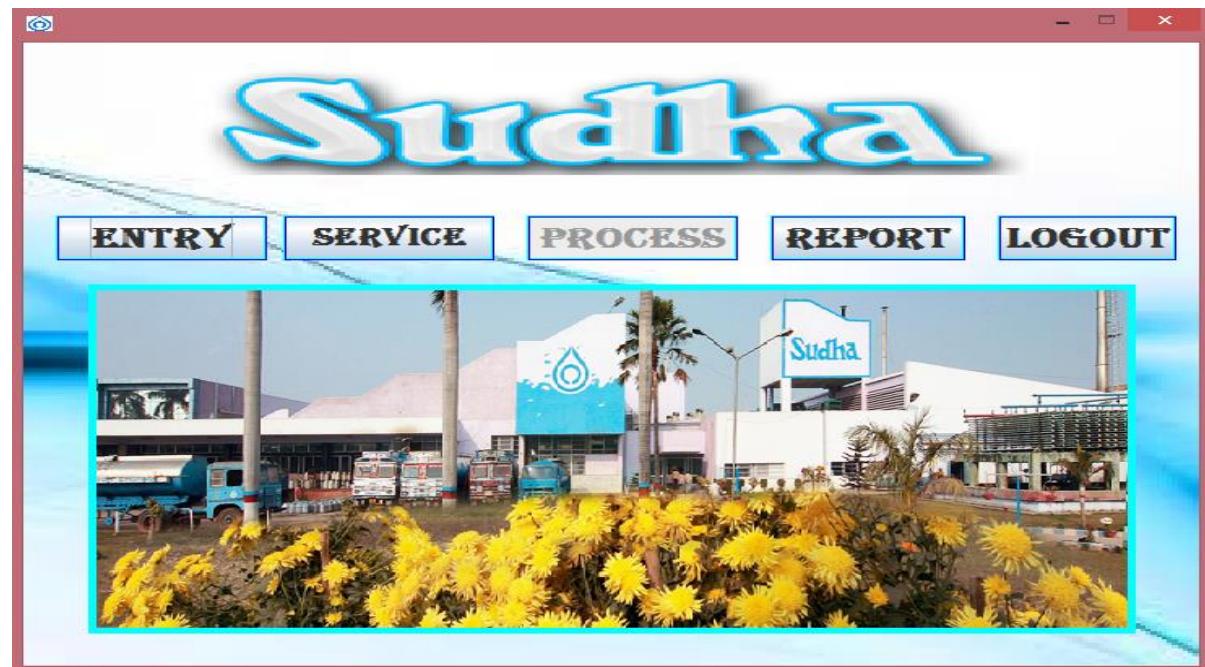
OK **Cancel**



Sudha



main window





INFORMATION OF DATABASE

1. ZONE_MASTER

SL. No.	Column Name	Data Type	Size	Description
1.	Zcode	Varchar	4	It will uniquely identify zone
2.	Zname	Varchar	30	It specifies the zone name
3.	Loc	Varchar	30	It specifies the location of zone
4.	Dist	Varchar	15	It specifies the district of the zone

2. DISTRIBUTOR_MASTER

SL. NO.	Column Name	Data Type	Size	Description
1.	dist_Code	Varchar	6	It will uniquely identify distributor
2.	dist_nam	Varchar	30	It specifies the distributor name
3.	z_code	Varchar	4	It specifies the zone code of the distributor
4.	Contno	Varchar	15	It specifies the contact no. of distributor
5.	Address	Varchar	30	It specifies the address of the distributor
6.	off_ref	Varchar	20	It specifies the office reference of the distributor
7.	Refdat	Varchar	10	It specifies the reference date of the distributor
8.	distcomisn	Varchar	8	Distributor commission

3. RETAILER_MASTER

SL. NO.	Column Name	Data Type	Size	Description
1.	ret_cod	Varchar	6	It will uniquely identify retailer
2.	ret_nam	Varchar	30	It specifies the retailer name
3.	z_code	Varchar	4	It specifies the zone code of the retailer



4.	route_no	Varchar	2	It specifies the route no. of the retailer
5.	Contno	Varchar	15	It specifies the contact no. of retailer
6.	Loc	Varchar	30	It specifies the location of the retailer
7.	district	Varchar	15	Specifies the district name of the retailer
8.	Off_ref	Varchar	20	It specifies the office reference of retailer
9.	ref_date	Varchar	10	It specifies the reference date of the retailer
10.	ret_stat	Varchar	15	Specifies the status of the retailer
11.	rate_stat	Varchar	10	
12.	wd_booth	Varchar	5	Specifies whether retailer is whole day booth or not

4. MAIN _PRODUCT

SL. NO.	Column Name	Data Type	Size	Description
1.	mp_code	Varchar	3	It will uniquely identify main product
2.	mp_name	Varchar	20	It specifies the name of main product
3.	prd_lref	Varchar	2	It holds the last ref of product(from rate_file)

5. RATE_FILE

SL. NO.	Column Name	Data Type	Size	Description
1.	prd_code	Varchar	5	It will uniquely identify product
2.	prd_name	Varchar	30	It specifies the name of product
3.	field_name	Varchar	8	It specifies the field name of the product
4.	pack_size	Varchar	4	It specifies the size of the product
5.	mrp	Varchar	10	It specifies the rate of the product
6.	ret_comisn	Varchar	8	It specifies the retailer commission(product wise)



7.	eff_date	Varchar	10	It specifies the effective date of the product
----	----------	---------	----	--

6. CARD_TRANSACTION

SL. NO.	Column Name	Data Type	Size	Description
1.	ret_code	Varchar	6	It specifies the retailer code
2.	z_code	Varchar	4	It specifies the zone code of the specified retailer
3.	route_no	Varchar	2	It specifies the route no. of the retailer
4.	suply_from	Varchar	10	Date of supply from
5.	suply_to	Varchar	10	Date of supply to
6.	shift	Varchar	10	It specifies the shift of the supply
7.	amt_rcv	Varchar	5	It specifies the amount received by the retailer
8.	amt_ref	Varchar	10	It specifies the mode of payment of amount
9.	prd_code	Varchar	30	It specifies the product code
10.	prd_name	Varchar	10	It specifies the product name
11.	prd_value	Varchar	10	It specifies the product value
12.	prd_rate	Varchar	10	It specifies the product rate
13.	prd_qty	Varchar	10	It specifies the quantity of product
14.	sh_ex_amt	Varchar	10	It specifies the short excess amount

7. DEMAND_TABLE

SL. NO.	Column Name	Data Type	Size	Description
1.	ret_code	Varchar	6	It specifies the code of retailer
2.	ret_stat	Varchar	15	It specifies the status of retailer
3.	z_code	Varchar	4	It specifies the zone code of the retailer
4.	route_no	Varchar	2	It specifies the route no. of the retailer
5.	suply_date	Varchar	10	It specifies the supply date

**8. TABLE_ADMINISTRATOR**

SL.NO.	Column Name	Data Type	Size	Description
1.	Uname	varchar	20	It specifies the name of the admin
2.	pwd	varchar	15	specifies the password of the admin

9. SIMPLE USER

SL.NO.	Column Name	Data Type	Size	Description
1.	Uname	varchar	20	It specifies the name of user
2.	Pwd	varchar	15	It specifies the password of user
3.	s_ques	varchar	15	It specifies the security answer of the user
4.	s_ques1	Varchar	30	It specifies the security question of the user



DATABASE CODING

```
create user sudha_milk identified by milk
```

```
/
```

```
grant dba to sudha_milk
```

```
/
```

```
conn sudha_milk/milk
```

```
/
```

```
create table zone_master
```

```
(zcode varchar(4),
```

```
zname varchar(30),
```

```
loc varchar(30),
```

```
dist varchar(15))
```

```
/
```

```
create table distributor_master
```

```
(
```

```
dist_cod varchar(6),
```

```
dist_nam varchar(30),
```

```
z_code varchar(4),
```

```
contno varchar(15),
```

```
address varchar(30),
```

```
off_ref varchar(20),
```

```
refdat varchar(10),
```

```
distcomisn varchar(8))
```

```
/
```

```
create table retailer_master
```

```
(
```

```
ret_cod varchar(6),
```



```
ret_nam varchar(30),  
z_code varchar(4),  
route_no varchar(2),  
contno varchar(15),  
loc varchar(30),  
district varchar(15),  
off_ref varchar(20),  
ref_date varchar(10),  
ret_stat varchar(15),  
rate_stat varchar(10),  
wd_booth varchar(5))  
  
/  
  
create table main_product  
(mp_code varchar(3),  
mp_name varchar(20),  
prd_lref number(2))  
  
/  
  
create table rate_file  
(prd_code varchar(5),  
prd_name varchar(30),  
field_name varchar(8),  
pack_size varchar(4),  
mrp number(10),  
ret_comisn varchar(8),  
eff_date varchar(10))  
  
/  
  
create table card_transaction  
(ret_code varchar(6),
```



```
z_code    varchar(4),
route_no  varchar(2),
suply_from varchar(10),
suply_to   varchar(10),
shift     varchar(10),
amt_rcv   number(5),
amt_ref   varchar(10),
prd_code  varchar(30),
prd_name  varchar(10),
prd_value number(10),
prd_rate  number(10),
prd_qty   number(10),
sh_ex_amt number(10))
```

```
/
```

```
create table demand_table
(ret_code  varchar(6),
ret_stat  varchar(15),
z_code    varchar(4),
route_no  varchar(2),
suply_date varchar(10),
shift     varchar(10),
amt_rcv   number(8),
prd_code  varchar(10),
prd_name  varchar(10),
prd_qty   number(10),
prd_rate  number(10),
prd_val   number(10),
sh_ex_val number(10))
```



```
/  
create table status_master  
(org_name varchar(30),  
supp_date varchar(10),  
supp_shift varchar(5),  
last_zone number(3),  
last_dist number(5),  
last_prd number(5),  
last_ret number(5),  
demand_entry varchar(1),  
demand_chk varchar(1),  
process_chk varchar(1),  
CHKfileM char(8),  
CHKfileE char(8))  
  
/  
insert into  
status_master(last_zone,last_dist,last_ret,last_prd,demand_entry,demand_chk,process_chk)  
values('0','0','0','0','f','f','f')  
  
/  
create table temp  
(a number (2),  
b number (2),  
c number (2),  
d number (2))  
  
/  
insert into temp(a,b,c,d)  
values ('0','0','0','0')  
  
/
```



```
create table administrator
```

```
(uname varchar (20),
```

```
pwd varchar (15))
```

```
/
```

```
create table simple_user
```

```
(uname varchar (20),
```

```
pwd varchar (15),
```

```
s_ques varchar(15),
```

```
s_ques1 varchar(30))
```

```
/
```

```
insert into administrator
```

```
values('sudha','milk')
```

```
/
```

```
commit
```

```
/
```



SYSTEM CODING

SPLASH WINDOW

```
package sudhamilk;

import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
public class Sudhamilk {

    public static void main(String[] args) throws SQLException, ClassNotFoundException{
        SplashWindow demo=new SplashWindow();
        demo.setVisible(true);
        Login_form form=new Login_form();
        for(int i=0;i<=100;i++) {
            try { Thread.sleep(60);
                demo.oadingnum.setText(Integer.toString(i)+"%");
                demo.loadingbar.setValue(i);
            if(i==100){
                demo.setVisible(false);
                form.setVisible(true);}
            } catch (InterruptedException ex) {
                Logger.getLogger(SplashWindow.class.getName()).log(Level.SEVERE, null, ex);
            }}}}
```

LOGIN FORM



```
package sudhamilk;

import java.awt.Image;

import java.awt.KeyboardFocusManager;

import java.awt.Toolkit;

import java.awt.event.KeyEvent;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.HashSet;

import java.util.Set;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;

import javax.swing.KeyStroke;

public class Login_form extends javax.swing.JFrame {

    ResultSet rs;

    PreparedStatement p;

    Connection con;

    boolean ctr=true,fl=false,flag=true,flag1=true;

    public Login_form() throws SQLException, ClassNotFoundException {

        initComponents();

        con=ConnDb.conLink();

        this.setLocationRelativeTo(null);

        tabpane.setMnemonicAt(0,KeyEvent.VK_A);

        tabpane.setMnemonicAt(1,KeyEvent.VK_U);

        Set newkey =new HashSet();
```



```
newkey.add(KeyStroke.getKeyStroke("TAB"));

tabpane.setFocusTraversalKeys(KeyboardFocusManager.FORWARD_TRAVERSAL_KEYS,
newkey);

this.getRootPane().setDefaultButton(a_login);

ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("login1.jpg")).getImage().getScaledInstance(lab1.getWidth(),lab1
.getHeight(),Image.SCALE_DEFAULT));

lab1.setIcon(img);

ImageIcon img1=new ImageIcon(new
ImageIcon(getClass().getResource("login1.jpg")).getImage().getScaledInstance(image.getWidth(),im
age.getHeight(),Image.SCALE_DEFAULT));

image.setIcon(img1);

ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.ge
tHeight(),Image.SCALE_DEFAULT));

eye.setIcon(img3);

ImageIcon img4=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye1.getWidth(),eye1.
getHeight(),Image.SCALE_DEFAULT));

eye1.setIcon(img4);

ImageIcon img5=new ImageIcon(new
ImageIcon(getClass().getResource("admin_login2.png")).getImage().getScaledInstance(lab2.getWidth(),
lab2.getHeight(),Image.SCALE_DEFAULT));

lab2.setIcon(img5);

ImageIcon img6=new ImageIcon(new
ImageIcon(getClass().getResource("admin.png")).getImage().getScaledInstance(admin.getWidth(),a
dmin.getHeight(),Image.SCALE_DEFAULT));

admin.setIcon(img6);

ImageIcon img7=new ImageIcon(new
ImageIcon(getClass().getResource("userlogo.png")).getImage().getScaledInstance(lab3.getWidth(),l
ab3.getHeight(),Image.SCALE_DEFAULT));

lab3.setIcon(img7);
```



```
    ImageIcon img8=new ImageIcon(new
ImageIcon(getClass().getResource("user2.png")).getImage().getScaledInstance(user.getWidth(),user.getHeight(),Image.SCALE_DEFAULT));

    user.setIcon(img8);

    ImageIcon img9=new ImageIcon(new
ImageIcon(getClass().getResource("back.png")).getImage().getScaledInstance(sback_bt.getWidth(),sback_bt.getHeight(),Image.SCALE_DEFAULT));

    sback_bt.setIcon(img9);

    sback_bt.setVisible(false);

    sques_cmb.setVisible(false);

    sques_tf.setVisible(false);

    uname_tf.requestFocus();

    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

    this.setIconImage(img2.getImage());}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    tabpane = new javax.swing.JTabbedPane();

    JPanel1 = new javax.swing.JPanel();

    lab2 = new javax.swing.JLabel();

    a_user = new javax.swing.JLabel();

    a_Pwd = new javax.swing.JLabel();

    uname_tf = new javax.swing.JTextField();

    a_login = new javax.swing.JButton();

    cmnt = new javax.swing.JLabel();

    eye = new javax.swing.JButton();

    pwd_tf = new javax.swing.JPasswordField();

    admin = new javax.swing.JLabel();

    lab1 = new javax.swing.JLabel();
```



```
jPanel2 = new javax.swing.JPanel();  
lab3 = new javax.swing.JLabel();  
u_user1 = new javax.swing.JLabel();  
uname_tf1 = new javax.swing.JTextField();  
u_Pwd1 = new javax.swing.JLabel();  
for_pwd_bt = new javax.swing.JButton();  
u_login = new javax.swing.JButton();  
cmnt1 = new javax.swing.JLabel();  
sques_tf = new javax.swing.JTextField();  
pwd_tf1 = new javax.swing.JPasswordField();  
sques_cmb = new javax.swing.JComboBox<>();  
eye1 = new javax.swing.JButton();  
user = new javax.swing.JLabel();  
sback_bt = new javax.swing.JButton();  
image = new javax.swing.JLabel();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setResizable(false);  
tabpane.addChangeListener(new javax.swing.event.ChangeListener() {  
    public void stateChanged(javax.swing.event.ChangeEvent evt) {  
        tabpaneStateChanged(evt);}  
    } );  
jPanel1.setLayout(null);  
lab2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N  
jPanel1.add(lab2);  
lab2.setBounds(90, 20, 230, 80);  
a_user.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N  
a_user.setText("UserName");  
jPanel1.add(a_user);  
a_user.setBounds(110, 110, 130, 40);
```



```
a_Pwd.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N  
a_Pwd.setText("PassWord");  
jPanel1.add(a_Pwd);  
a_Pwd.setBounds(110, 180, 110, 40);  
uname_tf.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
uname_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        uname_tfFocusLost(evt);} } );  
jPanel1.add(uname_tf);  
uname_tf.setBounds(270, 110, 160, 40);  
a_login.setText("Login");  
a_login.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        a_loginActionPerformed(evt);} } );  
jPanel1.add(a_login);  
a_login.setBounds(220, 290, 120, 40);  
jPanel1.add(cmnt);  
cmnt.setBounds(270, 230, 210, 30);  
eye.setBorderPainted(false);  
eye.setContentAreaFilled(false);  
eye.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        eyeActionPerformed(evt);} } );  
jPanel1.add(eye);  
eye.setBounds(450, 180, 40, 30);  
pwd_tf.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jPanel1.add(pwd_tf);  
pwd_tf.setBounds(270, 180, 160, 40);
```



```
jPanel1.add(admin);
admin.setBounds(0, 20, 110, 70);

jPanel1.add(lab1);
lab1.setBounds(0, 0, 560, 360);
tabpane.addTab("Adminstrator", jPanel1);

jPanel2.setLayout(null);

lab3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jPanel2.add(lab3);
lab3.setBounds(100, 10, 220, 60);

u_user1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
u_user1.setText("UserName");
jPanel2.add(u_user1);
u_user1.setBounds(110, 90, 130, 40);

uname_tf1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
uname_tf1.addActionListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        uname_tf1FocusLost(evt); } });
jPanel2.add(uname_tf1);
uname_tf1.setBounds(270, 90, 160, 40);

u_Pwd1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
u_Pwd1.setText("PassWord");
jPanel2.add(u_Pwd1);
u_Pwd1.setBounds(110, 160, 110, 40);

for_pwd_bt.setText("Forgot Password");
for_pwd_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        for_pwd_btActionPerformed(evt); } });
jPanel2.add(for_pwd_bt);
```



```
for_pwd_bt.setBounds(270, 300, 140, 40);

u_login.setText("Login");

u_login.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        u_loginActionPerformed(evt); } });

jPanel2.add(u_login);

u_login.setBounds(110, 300, 120, 40);

jPanel2.add(cmnt1);

cmnt1.setBounds(270, 260, 210, 30);

sques_tf.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

sques_tf.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        sques_tfActionPerformed(evt); } });

jPanel2.add(sques_tf);

sques_tf.setBounds(270, 220, 160, 40);

pwd_tf1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jPanel2.add(pwd_tf1);

pwd_tf1.setBounds(270, 160, 160, 40);

sques_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Aadhar No.", "Favourite teacher name", "your first locality", "Destination palce" }));

sques_cmb.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        sques_cmbActionPerformed(evt); } });

jPanel2.add(sques_cmb);

sques_cmb.setBounds(100, 220, 140, 40);

eye1.setBorderPainted(false);

eye1.setContentAreaFilled(false);

eye1.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    eye1ActionPerformed(evt);}});

jPanel2.add(eye1);

eye1.setBounds(450, 160, 40, 30);

jPanel2.add(user);

user.setBounds(0, 10, 110, 110);

sback_bt.setBorder(null);

sback_bt.setBorderPainted(false);

sback_bt.setContentAreaFilled(false);

sback_bt.setFocusPainted(false);

sback_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        sback_btActionPerformed(evt);}});

jPanel2.add(sback_bt);

sback_bt.setBounds(440, 290, 60, 50);

jPanel2.add(image);

image.setBounds(0, 0, 560, 360);

tabpane.addTab("User", jPanel2);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING).addComponent(tabpane, javax.swing.GroupLayout.DEFAULT_SIZE, 562, Short.MAX_VALUE));

layout.setVerticalGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING).addGroup(layout.createSequentialGroup().addComponent(tabpane, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE).addContainerGap()));
```



```
.addGap(0, 0, Short.MAX_VALUE)));

pack();

}// </editor-fold>

private void a_loginActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(uname_tf.getText().length()==0 || pwd_tf.getText().length()==0){

ctr=false;

cmnt.setText("All iformations are mandatory!");

if(uname_tf.getText().length()==0

    uname_tf.requestFocus();

else

    pwd_tf.requestFocus();}

else{ctr=true;}

if(ctr){

p=con.prepareStatement("select * from adminstrator");

rs=p.executeQuery(); rs.next();

if(rs.getString(1).equalsIgnoreCase(uname_tf.getText()))

    if(rs.getString(2).equalsIgnoreCase(pwd_tf.getText())){

        this.dispose();

        new Admin().setVisible(true);}

    else{

        pwd_tf.setText "";

        pwd_tf.requestFocus();

        JOptionPane.showMessageDialog(this,"Wrong Password !");}

else{

    uname_tf.setText "";

    uname_tf.requestFocus();

    JOptionPane.showMessageDialog(this,"Wrong UserName !");}}}} catch (SQLException ex) {
```



```
    Logger.getLogger(Login_form.class.getName()).log(Level.SEVERE, null, ex);}

private void for_pwd_btActionPerformed(java.awt.event.ActionEvent evt) {

    sback_bt.setVisible(true);

    sques_cmb.setVisible(true);

    sques_tf.setVisible(true);

    pwd_tf1.setVisible(false);

    u_login.setVisible(false);

    u_Pwd1.setVisible(false);

    eye1.setVisible(false);

    sques_tf.requestFocus();

    for_pwd_bt.setLabel("OK");

    try {

        if(!(sques_tf.getText().length()==0))

            {p=con.prepareStatement("select s_ques,s_ques1 from simple_user");

             rs=p.executeQuery();

             rs.next();

             String str="""+rs.getString(1);

             if(sques_tf.getText().equalsIgnoreCase(rs.getString(1)) &&

             sques_cmb.getSelectedItem().toString().equalsIgnoreCase(rs.getString(2))){



                 new U_Change_Pwd().setVisible(true);

             }

             else

                 JOptionPane.showMessageDialog(this,"Security answer didn't match!");}

        } catch (SQLException ex) {

            Logger.getLogger(Login_form.class.getName()).log(Level.SEVERE, null, ex);

        } catch (ClassNotFoundException ex) {

            Logger.getLogger(Login_form.class.getName()).log(Level.SEVERE, null, ex);}

    private void uname_tfFocusLost(java.awt.event.FocusEvent evt) { }

    private void sques_cmbActionPerformed(java.awt.event.ActionEvent evt) {
```



```
sques_tf.requestFocus();}

private void eyeActionPerformed(java.awt.event.ActionEvent evt) {

    if(flag){

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.get
tHeight(),Image.SCALE_DEFAULT));

        eye.setIcon(img3);

        flag=false;

        pwd_tf.setEchoChar((char)0);}

    else{

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("eye2.png")).getImage().getScaledInstance(eye.getWidth(),eye.g
etHeight(),Image.SCALE_DEFAULT));

        eye.setIcon(img3);

        flag=true;

        pwd_tf.setEchoChar('\u25cf');} }

private void eye1ActionPerformed(java.awt.event.ActionEvent evt) {

    if(flag1){

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye1.getWidth(),eye1.
getHeight(),Image.SCALE_DEFAULT));

        eye1.setIcon(img3);

        flag1=false;

        pwd_tf1.setEchoChar((char)0);}

    else{

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("eye2.png")).getImage().getScaledInstance(eye1.getWidth(),eye
1.getHeight(),Image.SCALE_DEFAULT));

        eye1.setIcon(img3);

        flag1=true;

        pwd_tf1.setEchoChar('\u25cf');} }
```



```
private void tabpaneStateChanged(javax.swing.event.ChangeEvent evt) {  
    switch(tabpane.getSelectedIndex()){  
        case 0: this.getRootPane().setDefaultButton(a_login);break;  
        case 1: this.getRootPane().setDefaultButton(u_login);}}}  
  
private void u_loginActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        p=con.prepareStatement("select uname from simple_user");  
        rs=p.executeQuery();  
        if(rs.next()){  
            pwd_tf1.requestFocus();}  
        else{uname_tf1.setText("");  
            pwd_tf1.setText("");  
            JOptionPane.showMessageDialog(this,"User doesn't exist!");  
            uname_tf1.requestFocus();}  
    } catch (SQLException ex) {  
        Logger.getLogger(Login_form.class.getName()).log(Level.SEVERE, null, ex);}  
    if(uname_tf1.getText().length()==0 || pwd_tf1.getText().length()==0){  
        ctr=false;  
        cmnt1.setText("All iformations are mandatory!");  
        if(uname_tf1.getText().length()==0)  
            uname_tf1.requestFocus();  
        else  
            pwd_tf1.requestFocus();}  
    else{  
        ctr=true;}  
    if(ctr){  
        try {  
            p=con.prepareStatement("select * from simple_user");  
        }  
    }  
}
```



```
rs=p.executeQuery();

while(rs.next()){

    if(rs.getString(1).equalsIgnoreCase(uname_tf1.getText()))

    { fl=true; break; }

    else fl=false; }

if(fl)

    if(rs.getString(2).equalsIgnoreCase(pwd_tf1.getText())){

        this.dispose();

        new User().setVisible(true); }

    else{



        pwd_tf1.setText("");

        pwd_tf1.requestFocus();



        JOptionPane.showMessageDialog(this,"Wrong Password !"); }

else{



        JOptionPane.showMessageDialog(this,"Wrong Username !");

        uname_tf1.setText("");

        uname_tf1.requestFocus(); }

}catch (SQLException ex) {

    Logger.getLogger(Login_form.class.getName()).log(Level.SEVERE, null, ex);}}}

private void sback_btActionPerformed(java.awt.event.ActionEvent evt) {

    sques_cmb.setVisible(false);

    sques_tf.setVisible(false);

    uname_tf1.setText("");

    pwd_tf1.setText("");

    u_Pwd1.setVisible(true);

    pwd_tf1.setVisible(true);

    eye1.setVisible(true);

    u_login.setVisible(true);
```



```
for_pwd_bt.setLabel("Forget Password");
sback_bt.setVisible(false);
uname_tf1.requestFocus();

// Variables declaration - do not modify
private javax.swing.JLabel a_Pwd;
private javax.swing.JButton a_login;
private javax.swing.JLabel a_user;
private javax.swing.JLabel admin;
private javax.swing.JLabel cmnt;
private javax.swing.JLabel cmnt1;
private javax.swing.JButton eye;
private javax.swing.JButton eye1;
private javax.swing.JButton for_pwd_bt;
private javax.swing.JLabel image;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JLabel lab1;
private javax.swing.JLabel lab2;
private javax.swing.JLabel lab3;
private javax.swing.JPasswordField pwd_tf;
private javax.swing.JPasswordField pwd_tf1;
private javax.swing.JButton sback_bt;
private javax.swing.JComboBox<String> sques_cmb;
private javax.swing.JTextField sques_tf;
private javax.swing.JTabbedPane tabpane;
private javax.swing.JLabel u_Pwd1;
private javax.swing.JButton u_login;
private javax.swing.JLabel u_user1;
```



```
private javax.swing.JTextField uname_tf;
private javax.swing.JTextField uname_tf1;
private javax.swing.JLabel user;
// End of variables declaration
}
```

ADMIN FORM

```
package sudhamilk;
import java.awt.Image;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
public class Admin extends javax.swing.JFrame {
    public Admin() {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img=new ImageIcon(new
        ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));
        image.setIcon(img);
        ImageIcon img1=new ImageIcon(new
        ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),home_bt.getHeight(),Image.SCALE_DEFAULT));
        home_bt.setIcon(img1);
        home_bt.setVisible(true);
        this.getRootPane().setDefaultButton(home_bt);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
    }
}
```



```
    ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("sudha.jpg")).getImage().getScaledInstance(image2.getWidth(),i
mage2.getHeight(),Image.SCALE_DEFAULT));

    image2.setIcon(img3);

    ImageIcon img4=new ImageIcon(new
ImageIcon(getClass().getResource("add_user.png")).getImage().getScaledInstance(create_user.get
Width(),create_user.getHeight(),Image.SCALE_DEFAULT));

    create_user.setIcon(img4);

    ImageIcon img5=new ImageIcon(new
ImageIcon(getClass().getResource("key.png")).getImage().getScaledInstance(change_pwd.getWidth()
(),change_pwd.getHeight(),Image.SCALE_DEFAULT));

    change_pwd.setIcon(img5);}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    create_user = new javax.swing.JButton();

    home_bt = new javax.swing.JButton();

    jLabel1 = new javax.swing.JLabel();

    image2 = new javax.swing.JLabel();

    jLabel2 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    change_pwd = new javax.swing.JButton();

    jLabel4 = new javax.swing.JLabel();

    image = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    setMinimumSize(new java.awt.Dimension(497, 370));

    getContentPane().setLayout(null);

    create_user.setBorderPainted(false);

    create_user.setContentAreaFilled(false);

    create_user.setFocusPainted(false);
```



```
create_user.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        create_userActionPerformed(evt);}});  
  
getContentPane().add(create_user);  
  
create_user.setBounds(350, 230, 90, 60);  
  
home_bt.setBorder(null);  
  
home_bt.setBorderPainted(false);  
  
home_bt.setContentAreaFilled(false);  
  
home_bt.setFocusPainted(false);  
  
home_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        home_btActionPerformed(evt);}});  
  
getContentPane().add(home_bt);  
  
home_bt.setBounds(20, 230, 100, 60);  
  
jLabel1.setFont(new java.awt.Font("Sitka Text", 1, 18)); // NOI18N  
  
jLabel1.setText("ADMIN FORM");  
  
getContentPane().add(jLabel1);  
  
jLabel1.setBounds(180, 10, 150, 30);  
  
getContentPane().add(image2);  
  
image2.setBounds(10, 50, 460, 170);  
  
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
  
jLabel2.setText("Main Window");  
  
getContentPane().add(jLabel2);  
  
jLabel2.setBounds(30, 300, 110, 15);  
  
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
  
jLabel3.setText("Create User");  
  
getContentPane().add(jLabel3);  
  
jLabel3.setBounds(360, 300, 90, 15);
```



```
change_pwd.setBorderPainted(false);

change_pwd.setContentAreaFilled(false);

change_pwd.setFocusPainted(false);

change_pwd.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        change_pwdActionPerformed(evt);}});

getContentPane().add(change_pwd);

change_pwd.setBounds(190, 230, 100, 60);

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel4.setText("Change Password");

getContentPane().add(jLabel4);

jLabel4.setBounds(190, 300, 110, 20);

getContentPane().add(image);

image.setBounds(0, 0, 500, 330);

pack();

}// </editor-fold>

private void create_userActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        new Create_User().setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Admin.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Admin.class.getName()).log(Level.SEVERE, null, ex);}}
```

```
private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(0).setVisible(true);

    } catch (SQLException ex) {
```



```
    Logger.getLogger(ZoneMaster.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(ZoneMaster.class.getName()).log(Level.SEVERE, null, ex) {}}

private void change_pwdActionPerformed(java.awt.event.ActionEvent evt) {

try {

    new U_Change_Pwd().setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(User.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(User.class.getName()).log(Level.SEVERE, null, ex);{}}

// Variables declaration - do not modify

private javax.swing.JButton change_pwd;

private javax.swing.JButton create_user;

private javax.swing.JButton home_bt;

private javax.swing.JLabel image;

private javax.swing.JLabel image2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

// End of variables declaration }
```

USER FORM

```
package sudhamilk;

import java.awt.Image;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;
```



```
public class User extends javax.swing.JFrame {  
    public User() {  
        initComponents();  
        this.setLocationRelativeTo(null);  
  
        ImageIcon img=new ImageIcon(new  
        ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),ima  
ge.getHeight(),Image.SCALE_DEFAULT));  
  
        image.setIcon(img);  
        this.getRootPane().setDefaultButton(home_bt);  
  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
        this.setIconImage(img2.getImage());  
  
        ImageIcon img3=new ImageIcon(new  
        ImageIcon(getClass().getResource("sudha.jpg")).getImage().getScaledInstance(image2.getWidth(),i  
mage2.getHeight(),Image.SCALE_DEFAULT));  
  
        image2.setIcon(img3);  
  
        ImageIcon img1=new ImageIcon(new  
        ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth()  
,home_bt.getHeight(),Image.SCALE_DEFAULT));  
  
        home_bt.setIcon(img1);  
  
        ImageIcon img4=new ImageIcon(new  
        ImageIcon(getClass().getResource("key.png")).getImage().getScaledInstance(change_pwd.getWidth()  
,change_pwd.getHeight(),Image.SCALE_DEFAULT));  
  
        change_pwd.setIcon(img4);  
    }  
  
    @SuppressWarnings("unchecked")  
    // <editor-fold defaultstate="collapsed" desc="Generated Code">  
    private void initComponents() {  
        change_pwd = new javax.swing.JButton();  
        jLabel1 = new javax.swing.JLabel();  
        image2 = new javax.swing.JLabel();  
        home_bt = new javax.swing.JButton();  
    }  
}
```



```
jLabel2 = new javax.swing.JLabel();  
  
jLabel3 = new javax.swing.JLabel();  
  
image = new javax.swing.JLabel();  
  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
  
setMinimumSize(new java.awt.Dimension(500, 360));  
  
getContentPane().setLayout(null);  
  
change_pwd.setBorderPainted(false);  
  
change_pwd.setContentAreaFilled(false);  
  
change_pwd.setFocusPainted(false);  
  
change_pwd.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        change_pwdActionPerformed(evt);}});  
  
getContentPane().add(change_pwd);  
  
change_pwd.setBounds(300, 230, 100, 60);  
  
jLabel1.setFont(new java.awt.Font("Sitka Text", 1, 18)); // NOI18N  
  
jLabel1.setText("USER FORM");  
  
getContentPane().add(jLabel1);  
  
jLabel1.setBounds(180, 10, 150, 30);  
  
getContentPane().add(image2);  
  
image2.setBounds(10, 50, 460, 170);  
  
home_bt.setBorder(null);  
  
home_bt.setBorderPainted(false);  
  
home_bt.setContentAreaFilled(false);  
  
home_bt.setFocusPainted(false);  
  
home_bt.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        home_btActionPerformed(evt);}});  
  
getContentPane().add(home_bt);
```



```
home_bt.setBounds(80, 230, 100, 60);

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel2.setText("Main Window");

getContentPane().add(jLabel2);

jLabel2.setBounds(90, 295, 110, 20);

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel3.setText("Change Password");

getContentPane().add(jLabel3);

jLabel3.setBounds(300, 295, 110, 20);

getContentPane().add(image);

image.setBounds(0, 0, 490, 340);

pack();

}// </editor-fold>

private void change_pwdActionPerformed(java.awt.event.ActionEvent evt) {

try {

    new U_Change_Pwd().setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(User.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(User.class.getName()).log(Level.SEVERE, null, ex);}

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

try {      new MainFrame1(1).setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(ZoneMaster.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(ZoneMaster.class.getName()).log(Level.SEVERE, null, ex);}

}

// Variables declaration - do not modify
```



```
private javax.swing.JButton change_pwd;  
private javax.swing.JButton home_bt;  
private javax.swing.JLabel image;  
private javax.swing.JLabel image2;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
// End of variables declaration  
}
```

CREATE USER

```
package sudhamilk;  
import java.awt.Image;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
public class Create_User extends javax.swing.JFrame {  
    Connection con;  
    PreparedStatement p;  
    ResultSet rs;byte i,j,k;  
    boolean ctr=true,flag=true,flag1=true,flag3=false,fl=false;  
    public Create_User() throws SQLException, ClassNotFoundException {  
        initComponents();
```



```
con=ConnDb.conLink();
this.setLocationRelativeTo(null);
ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
this.setIconImage(img2.getImage());

ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));

image.setIcon(img);

ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.get
tHeight(),Image.SCALE_DEFAULT));

eye.setIcon(img3);

ImageIcon img4=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye1.getWidth(),eye1.
getHeight(),Image.SCALE_DEFAULT));

eye1.setIcon(img4);

this.getRootPane().setDefaultButton(create);}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    uname_lab = new javax.swing.JLabel();
    new_pwd_lab = new javax.swing.JLabel();
    con_pwd_lab = new javax.swing.JLabel();
    uname_tf = new javax.swing.JTextField();
    create = new javax.swing.JButton();
    cmnt = new javax.swing.JLabel();
    sques_tf = new javax.swing.JTextField();
    sques_cmb = new javax.swing.JComboBox<>();
    jLabel1 = new javax.swing.JLabel();
    new_pwd = new javax.swing.JPasswordField();
```



```
con_pwd = new javax.swing.JPasswordField();

eye = new javax.swing.JButton();

eye1 = new javax.swing.JButton();

image = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

setTitle("Create User Form");

setPreferredSize(new java.awt.Dimension(400, 390));

getContentPane().setLayout(null);

uname_lab.setText("User Name");

getContentPane().add(uname_lab);

uname_lab.setBounds(40, 60, 70, 35);

new_pwd_lab.setText("New Password");

getContentPane().add(new_pwd_lab);

new_pwd_lab.setBounds(40, 120, 105, 35);

con_pwd_lab.setText("Confirm Password");

getContentPane().add(con_pwd_lab);

con_pwd_lab.setBounds(35, 180, 130, 35);

uname_tf.addFocusListener(new java.awt.event.FocusAdapter() {

    public void focusLost(java.awt.event.FocusEvent evt) {

        uname_tfFocusLost(evt);}});

getContentPane().add(uname_tf);

uname_tf.setBounds(180, 50, 149, 35);

create.setText("Create");

create.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        createActionPerformed(evt);}});

getContentPane().add(create);

create.setBounds(130, 300, 119, 36);
```



```
getContentPane().add(cmnt);
cmnt.setBounds(179, 264, 188, 23);
getContentPane().add(sques_tf);
sques_tf.setBounds(180, 230, 149, 40);
sques_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Aadhar No.", "Favourite teacher name", "your first locality", "Destination palce" }));
sques_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        sques_cmbActionPerformed(evt);}}));
getContentPane().add(sques_cmb);
sques_cmb.setBounds(20, 230, 140, 40);
jLabel1.setFont(new java.awt.Font("Sitka Text", 1, 20)); // NOI18N
jLabel1.setText("Create User");
getContentPane().add(jLabel1);
jLabel1.setBounds(120, 10, 170, 26);
new_pwd.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        new_pwdFocusLost(evt);}});
new_pwd.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        new_pwdKeyPressed(evt);}});
getContentPane().add(new_pwd);
new_pwd.setBounds(180, 110, 150, 40);
con_pwd.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        con_pwdFocusGained(evt);}
    public void focusLost(java.awt.event.FocusEvent evt) {
        con_pwdFocusLost(evt);}});

```



```
getContentPane().add(con_pwd);
con_pwd.setBounds(180, 170, 150, 40);
eye.setBorderPainted(false);
eye.setContentAreaFilled(false);
eye.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        eyeActionPerformed(evt);}});
getContentPane().add(eye);
eye.setBounds(340, 120, 33, 20);
eye1.setBorderPainted(false);
eye1.setContentAreaFilled(false);
eye1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        eye1ActionPerformed(evt);}});
getContentPane().add(eye1);
eye1.setBounds(340, 180, 33, 20);
getContentPane().add(image);
image.setBounds(0, 0, 400, 350);
pack();
}// </editor-fold>
private void createActionPerformed(java.awt.event.ActionEvent evt) {
    try {0
        if(ctr)
            {if(uname_tf.getText().length()==0 || new_pwd.getText().length()==0 ||
con_pwd.getText().length()==0 || sques_tf.getText().length()==0)
{
            cmnt.setText("All informations are mandatory!");
            if(uname_tf.getText().length()==0)
```



```
        uname_tf.requestFocus();

    else if(new_pwd.getText().length()==0)

        new_pwd.requestFocus();

    else if(con_pwd.getText().length()==0)

        con_pwd.requestFocus();

    else

        sques_tf.requestFocus();

    }

else

{

p=con.prepareStatement("insert into simple_user values(?,?,?,?,?)");

p.setString(1,uname_tf.getText());

p.setString(2,new_pwd.getText());

p.setString(3,sques_tf.getText());

p.setString(4,sques_cmb.getSelectedItem().toString());

p.executeUpdate();

JOptionPane.showMessageDialog(this,"User successfully created!");

uname_tf.setText("");

new_pwd.setText("");

con_pwd.setText("");

sques_tf.setText("");

uname_tf.requestFocus();

}}      } catch (SQLException ex) {

Logger.getLogger(Create_User.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void uname_tfFocusLost(java.awt.event.FocusEvent evt) {

try {
```



```
p=con.prepareStatement("select uname from simple_user");

rs=p.executeQuery();

if(rs.next()){

String str="""+rs.getString(1);

if(uname_tf.getText().equalsIgnoreCase(str))

{



JOptionPane.showMessageDialog(this,"User for this name already Exist");

uname_tf.setText("");

uname_tf.requestFocus();

}

} catch (SQLException ex) {

Logger.getLogger(Create_User.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void sques_cmbActionPerformed(java.awt.event.ActionEvent evt) {

sques_tf.requestFocus();

}

private void con_pwdFocusLost(java.awt.event.FocusEvent evt) {

if (fl){

if(!new_pwd.getText().equalsIgnoreCase(con_pwd.getText()))

{



new_pwd.requestFocus();




JOptionPane.showMessageDialog(this,"New password and confirm password must be same");

new_pwd.setText("");

con_pwd.setText("");

ctr=false;

}

}
```



```
else
    ctr=true;
}

}

private void eyeActionPerformed(java.awt.event.ActionEvent evt) {
    if(flag1)
    {
        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.get
Height(),Image.SCALE_DEFAULT));
        eye.setIcon(img3);
        flag1=false;
        new_pwd.setEchoChar((char)0);
    }
    else
    {
        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("eye2.png")).getImage().getScaledInstance(eye.getWidth(),eye.g
etHeight(),Image.SCALE_DEFAULT));
        eye.setIcon(img3);
        flag1=true;
        new_pwd.setEchoChar('\u25cf');
    }
}

private void eye1ActionPerformed(java.awt.event.ActionEvent evt) {
    if(flag)
    {
        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.ge
tHeight(),Image.SCALE_DEFAULT));
```



```
eye1.setIcon(img3);

flag=false;

con_pwd.setEchoChar((char)0);

}

else

{

    ImageIcon img3=new ImageIcon(new

ImageIcon(getClass().getResource("eye2.png")).getImage().getScaledInstance(eye.getWidth(),eye.g

etHeight(),Image.SCALE_DEFAULT));

    eye1.setIcon(img3);

    flag=true;

    con_pwd.setEchoChar('\u25cf');

}

}

private void new_pwdKeyPressed(java.awt.event.KeyEvent evt) {

char c = evt.getKeyChar();

if(Character.isLetter(c))

    i=1;

if(Character.isDigit(c))

    j=1;

if(c=='@' | c=='!' | c=='#' | c=='$' | c=='%' | c=='^' | c=='&' | c=='*')

    k=1;

}

private void con_pwdFocusGained(java.awt.event.FocusEvent evt) {

int a=new_pwd.getText().length();

if(!(i==1&&j==1&&k==1&& (a>=8&&a<=15)))

{

    new_pwd.requestFocus();

}
```



JOptionPane.showMessageDialog(null,"Weak password : password should have minimum 8 characters,including one special character and a digit");

```
new_pwd.setText("");
flag=false;
}
else{
    flag=true;
    fl=true;
}
i=j=k=0;
}

private void new_pwdFocusLost(java.awt.event.FocusEvent evt) {
}

// Variables declaration - do not modify
private javax.swing.JLabel cmnt;
private javax.swing.JPasswordField con_pwd;
private javax.swing.JLabel con_pwd_lab;
private javax.swing.JButton create;
private javax.swing.JButton eye;
private javax.swing.JButton eye1;
private javax.swing.JLabel image;
private javax.swing.JLabel jLabel1;
private javax.swing.JPasswordField new_pwd;
private javax.swing.JLabel new_pwd_lab;
private javax.swing.JComboBox<String> sques_cmb;
private javax.swing.JTextField sques_tf;
private javax.swing.JLabel uname_lab;
private javax.swing.JTextField uname_tf;
```



```
// End of variables declaration  
}
```

CHANGE PASSWORD

```
package sudhamilk;  
  
import java.awt.Image;  
  
import java.sql.Connection;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.ImageIcon;  
  
import javax.swing.JOptionPane;  
  
public class U_Change_Pwd extends javax.swing.JFrame {  
  
    PreparedStatement p;  
  
    Connection con;  
  
    ResultSet rs;byte i,j,k;  
  
    boolean ctr=true,flag=true,flag1=true,fl=false;  
  
    public U_Change_Pwd() throws SQLException, ClassNotFoundException {  
  
        initComponents();  
  
        con=ConnDb.conLink();  
  
        this.setLocationRelativeTo(null);  
  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
  
        this.setIconImage(img2.getImage());  
  
        ImageIcon img3=new ImageIcon(new  
        ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.get  
        tHeight(),Image.SCALE_DEFAULT));  
  
        eye.setIcon(img3);
```



```
    ImageIcon img4=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye1.getWidth(),eye1.
getHeight(),Image.SCALE_DEFAULT));

    eye1.setIcon(img4);

    this.getRootPane().setDefaultButton(change);

    ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),ima-
ge.getHeight(),Image.SCALE_DEFAULT));

    image.setIcon(img); }

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    uname_tf = new javax.swing.JTextField();

    uname_lab = new javax.swing.JLabel();

    new_ped_lab = new javax.swing.JLabel();

    con_pwd_lab = new javax.swing.JLabel();

    change = new javax.swing.JButton();

    jLabel1 = new javax.swing.JLabel();

    new_pwd = new javax.swing.JPasswordField();

    con_pwd = new javax.swing.JPasswordField();

    eye = new javax.swing.JButton();

    eye1 = new javax.swing.JButton();

    image = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    setTitle("Change Password Form..");

    setPreferredSize(new java.awt.Dimension(400, 340));

    setResizable(false);

    getContentPane().setLayout(null);

    uname_tf.addFocusListener(new java.awt.event.FocusAdapter() {
```



```
public void focusLost(java.awt.event.FocusEvent evt) {  
    uname_tfFocusLost(evt);}});  
  
getContentPane().add(uname_tf);  
  
uname_tf.setBounds(180, 70, 149, 35);  
  
uname_lab.setText("User Name");  
  
getContentPane().add(uname_lab);  
  
uname_lab.setBounds(43, 70, 130, 35);  
  
new_ped_lab.setText("New Password");  
  
getContentPane().add(new_ped_lab);  
  
new_ped_lab.setBounds(40, 130, 90, 35);  
  
con_pwd_lab.setText("Confirm Password");  
  
getContentPane().add(con_pwd_lab);  
  
con_pwd_lab.setBounds(36, 210, 120, 14);  
  
change.setText("Change");  
  
change.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        changeActionPerformed(evt);}});  
  
getContentPane().add(change);  
  
change.setBounds(130, 260, 119, 36);  
  
jLabel1.setFont(new java.awt.Font("Sitka Text", 1, 18)); // NOI18N  
  
jLabel1.setText("CHANGE PASSWORD");  
  
getContentPane().add(jLabel1);  
  
jLabel1.setBounds(100, 10, 210, 40);  
  
new_pwd.addKeyListener(new java.awt.event.KeyAdapter() {  
  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
  
        new_pwdKeyPressed(evt);}});  
  
getContentPane().add(new_pwd);  
  
new_pwd.setBounds(180, 130, 150, 40);
```



```
con_pwd.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusGained(java.awt.event.FocusEvent evt) {  
        con_pwdFocusGained(evt);}  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        con_pwdFocusLost(evt);}});  
con_pwd.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        con_pwdActionPerformed(evt);}});  
getContentPane().add(con_pwd);  
con_pwd.setBounds(180, 190, 150, 40);  
eye.setBorderPainted(false);  
eye.setContentAreaFilled(false);  
eye.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        eyeActionPerformed(evt);}});  
getContentPane().add(eye);  
eye.setBounds(340, 140, 33, 20);  
eye1.setBorderPainted(false);  
eye1.setContentAreaFilled(false);  
eye1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        eye1ActionPerformed(evt);}});  
getContentPane().add(eye1);  
eye1.setBounds(340, 200, 33, 20);  
getContentPane().add(image);  
image.setBounds(0, 0, 400, 320);  
pack();  
}// </editor-fold>
```



```
private void changeActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        if(ctr)  
        {  
            p=con.prepareStatement("update simple_user set pwd=? where upper(uname)=?");  
            p.setString(1,new_pwd.getText());  
            p.setString(2,uname_tf.getText().toUpperCase());  
            p.executeUpdate();  
            JOptionPane.showMessageDialog(this,"Password Succesfully Changed!");  
            new_pwd.setText("");  
            con_pwd.setText("");  
            uname_tf.requestFocus();  
        }  
    } catch (SQLException ex) {  
        Logger.getLogger(U_Change_Pwd.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
private void con_pwdFocusLost(java.awt.event.FocusEvent evt) {  
    if (fl){  
        if(!new_pwd.getText().equalsIgnoreCase(con_pwd.getText()))  
        {  
            new_pwd.requestFocus();  
            JOptionPane.showMessageDialog(this,"New password and confirm password must be  
same");  
            new_pwd.setText("");  
            con_pwd.setText("");  
            ctr=false;  
        }  
    }  
}
```



```
ctr=true;

}

}

private void eyeActionPerformed(java.awt.event.ActionEvent evt) {

    if(flag1)

    {

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.ge
tHeight(),Image.SCALE_DEFAULT));

        eye.setIcon(img3);

        flag1=false;

        new_pwd.setEchoChar((char)0);

    }

    else

    {

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("eye2.png")).getImage().getScaledInstance(eye.getWidth(),eye.g
etHeight(),Image.SCALE_DEFAULT));

        eye.setIcon(img3);

        flag1=true;

        new_pwd.setEchoChar('\u25cf');

    }

}

private void eye1ActionPerformed(java.awt.event.ActionEvent evt) {

    if(flag)

    {

        ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("abc.png")).getImage().getScaledInstance(eye.getWidth(),eye.ge
tHeight(),Image.SCALE_DEFAULT));

        eye1.setIcon(img3);
```



```
flag=false;

con_pwd.setEchoChar((char)0);

}

else

{

    ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("eye2.png")).getImage().getScaledInstance(eye.getWidth(),eye.g
etHeight(),Image.SCALE_DEFAULT));

    eye1.setIcon(img3);

    flag=true;

    con_pwd.setEchoChar('\u25cf');

}

}

private void con_pwdFocusGained(java.awt.event.FocusEvent evt) {

    int a=new_pwd.getText().length();

    if(!(i==1&&j==1&&k==1&& (a>=8&&a<=15)))

    {

        new_pwd.requestFocus();

        JOptionPane.showMessageDialog(null,"Weak password : password should have minimum 8
characters,including one special character and a digit");

        new_pwd.setText("");

        flag=false;

    }

    else{

        flag=true;

        fl=true;

    }

    i=j=k=0;

}
```



```
private void new_pwdKeyPressed(java.awt.event.KeyEvent evt) {  
    char c = evt.getKeyChar();  
    if(Character.isLetter(c))  
        i=1;  
    if(Character.isDigit(c))  
        j=1;  
    if(c=='@' || c=='!' || c=='#' || c=='$' || c=='%' || c=='^' || c=='&' || c=='*')  
        k=1;  
}  
  
private void uname_tfFocusLost(java.awt.event.FocusEvent evt) {  
    try {  
        boolean f=true;  
        p=con.prepareStatement("select uname from simple_user");  
        rs=p.executeQuery();  
        while(rs.next()){  
            String str=rs.getString(1);  
            if(uname_tf.getText().equalsIgnoreCase(str))  
                {  
                    f=false;  
                }  
            if(f)  
                {  
                    JOptionPane.showMessageDialog(this,"Invalid UserName");  
                    uname_tf.setText("");  
                    uname_tf.requestFocus();  
                }  
        } catch (SQLException ex) {  
            Logger.getLogger(U_Change_Pwd.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}
```



```
    }  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JButton change;  
  
private javax.swing.JPasswordField con_pwd;  
  
private javax.swing.JLabel con_pwd_lab;  
  
private javax.swing.JButton eye;  
  
private javax.swing.JButton eye1;  
  
private javax.swing.JLabel image;  
  
private javax.swing.JLabel jLabel1;  
  
private javax.swing.JLabel new_ped_lab;  
  
private javax.swing.JPasswordField new_pwd;  
  
private javax.swing.JLabel uname_lab;  
  
private javax.swing.JTextField uname_tf;  
  
// End of variables declaration  
  
}
```

MAIN WINDOW

```
package sudhamilk;  
  
import java.awt.Color;  
  
import java.awt.Image;  
  
import java.awt.Toolkit;  
  
import java.sql.Connection;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.ImageIcon;
```



```
import javax.swing.JOptionPane;  
  
public class MainFrame1 extends javax.swing.JFrame {  
  
    ImageIcon img;  
  
    int a;  
  
    PreparedStatement p;  
  
    ResultSet rs;  
  
    Connection con;  
  
  
    public MainFrame1(int a) throws SQLException, ClassNotFoundException {  
  
        initComponents();  
  
        con=ConnDb.conLink();  
  
        this.getRootPane().setDefaultButton(entry_bt);  
  
        this.setLocationRelativeTo(null);  
  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
  
        this.setIconImage(img2.getImage());  
  
        this.a=a;  
  
        img=new ImageIcon(new  
ImageIcon(getClass().getResource("img_f1.jpg")).getImage().getScaledInstance(lb.getWidth(),lb.get  
Height(),Image.SCALE_DEFAULT));  
  
        lb.setIcon(img);  
  
        // getContentPane().setBackground(Color.white);//for frame color  
  
        img=new ImageIcon(new  
ImageIcon(getClass().getResource("sudha.PNG")).getImage().getScaledInstance(sudha_lb.getWidth()  
,sudha_lb.getHeight(),Image.SCALE_DEFAULT));  
  
        sudha_lb.setIcon(img);  
  
        img=new ImageIcon(new  
ImageIcon(getClass().getResource("sudhadairy.jpg")).getImage().getScaledInstance(sudhadairy_lb.g  
etWidth(),sudhadairy_lb.getHeight(),Image.SCALE_DEFAULT));  
  
        sudhadairy_lb.setIcon(img);  
  
        p=con.prepareStatement("select demand_entry from status_master");  
    }  
}
```



```
rs=p.executeQuery();

if(rs.next()){

String str="""+rs.getString(1);

if(str.equalsIgnoreCase("t"))

{

    process_bt.setEnabled(true);

}

else

    process_bt.setEnabled(false);

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    sudha_lb = new javax.swing.JLabel();

    entry_bt = new javax.swing.JButton();

    service_bt = new javax.swing.JButton();

    process_bt = new javax.swing.JButton();

    logout_bt = new javax.swing.JButton();

    sudhadairy_lb = new javax.swing.JLabel();

    report_bt = new javax.swing.JButton();

    lb = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    setBackground(new java.awt.Color(255, 255, 255));

    setForeground(new java.awt.Color(255, 255, 255));

    setMaximumSize(new java.awt.Dimension(730, 570));

    setPreferredSize(new java.awt.Dimension(730, 570));

    setResizable(false);
```



```
getContentPane().setLayout(null);

sudha_lb.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

getContentPane().add(sudha_lb);

sudha_lb.setBounds(108, 23, 514, 92);

entry_bt.setFont(new java.awt.Font("Algerian", 1, 26)); // NOI18N

entry_bt.setText("ENTRY");

entry_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.LOWERED, java.awt.Color.blue, java.awt.Color.cyan, java.awt.Color.blue, java.awt.Color.cyan));

entry_bt.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);

entry_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        entry_btActionPerformed(evt);}});

getContentPane().add(entry_bt);

entry_bt.setBounds(20, 150, 130, 39);

service_bt.setFont(new java.awt.Font("Algerian", 1, 22)); // NOI18N

service_bt.setText("SERVICE");

service_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.LOWERED, java.awt.Color.blue, java.awt.Color.cyan, java.awt.Color.blue, java.awt.Color.cyan));

service_bt.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);

service_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        service_btActionPerformed(evt);}});

getContentPane().add(service_bt);

service_bt.setBounds(160, 150, 130, 39);

process_bt.setFont(new java.awt.Font("Algerian", 1, 26)); // NOI18N

process_bt.setText("PROCESS");

process_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.LOWERED, java.awt.Color.blue, java.awt.Color.cyan, java.awt.Color.blue, java.awt.Color.cyan));

process_bt.setEnabled(false);

process_bt.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
```



```
process_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        process_btActionPerformed(evt);}});
getContentPane().add(process_bt);
process_bt.setBounds(310, 150, 130, 39);
logout_bt.setFont(new java.awt.Font("Algerian", 1, 26)); // NOI18N
logout_bt.setText("logout");
logout_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.LOWERED, java.awt.Color.blue, java.awt.Color.cyan, java.awt.Color.blue, java.awt.Color.cyan));
logout_bt.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
logout_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        logout_btActionPerformed(evt);}});
getContentPane().add(logout_bt);
logout_bt.setBounds(600, 150, 110, 39);
sudhadairy_lb.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
sudhadairy_lb.setBorder(javax.swing.BorderFactory.createMatteBorder(5, 5, 5, 5, new java.awt.Color(0, 255, 255)));
getContentPane().add(sudhadairy_lb);
sudhadairy_lb.setBounds(40, 210, 645, 303);
report_bt.setFont(new java.awt.Font("Algerian", 1, 26)); // NOI18N
report_bt.setText("report");
report_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.LOWERED, java.awt.Color.blue, java.awt.Color.cyan, java.awt.Color.blue, java.awt.Color.cyan));
report_bt.setHorizontalTextPosition(javax.swing.SwingConstants.CENTER);
report_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        report_btActionPerformed(evt);}});
getContentPane().add(report_bt);
```



```
report_bt.setBounds(460, 150, 120, 39);

getContentPane().add(lb);

lb.setBounds(0, 0, 730, 540);

pack();

}// </editor-fold>

private void service_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

new Service_Form(this,a).setVisible(true);

} catch (SQLException ex) {

Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void entry_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

new MainFrame2(this,a).setVisible(true);

} catch (SQLException ex) {

Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void process_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

new Process().setVisible(true);

} catch (ClassNotFoundException ex) {
```



```
    Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

} catch (SQLException ex) {

    Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void logout_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

    this.dispose();

    new Login_form().setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void report_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

    p=con.prepareStatement("select demand_entry,demand_chk,process_chk from
status_master");

    rs=p.executeQuery();

    rs.next();

    if(rs.getString(1).equalsIgnoreCase("t") && rs.getString(2).equalsIgnoreCase("t") &&
rs.getString(3).equalsIgnoreCase("t")){
        new Report(a).setVisible(true);
    }
    else{
        JOptionPane.showMessageDialog(null,"not completed previous process!!");
    }
} catch (SQLException ex) {
```



```
    Logger.getLogger(MainFrame1.class.getName()).log(Level.SEVERE, null, ex);

}

this.dispose();

new Report(a).setVisible(true);

}

// Variables declaration - do not modify

private javax.swing.JButton entry_bt;

private javax.swing.JLabel lb;

private javax.swing.JButton logout_bt;

private javax.swing.JButton process_bt;

private javax.swing.JButton report_bt;

private javax.swing.JButton service_bt;

private javax.swing.JLabel sudha_lb;

private javax.swing.JLabel sudhadairy_lb;

// End of variables declaration      }
```

FOR GO TO ENTRY FORM

```
package sudhamilk;

import java.awt.Image;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;

public class MainFrame2 extends javax.swing.JFrame {
```



```
MainFrame1 m;  
int a;  
Connection con;  
PreparedStatement p;  
ResultSet rs;  
  
public MainFrame2(MainFrame1 m1,int a) throws SQLException, ClassNotFoundException {  
    initComponents();  
    con=ConnDb.conLink();  
    m=m1;  
    m.dispose();  
  
    ImageIcon img=new ImageIcon(new  
        ImageIcon(getClass().getResource("backbutton.png")).getImage().getScaledInstance(back_bt.getWidth(),back_bt.getHeight(),Image.SCALE_DEFAULT));  
  
    back_bt.setIcon(img);  
  
    ImageIcon img1=new ImageIcon(new  
        ImageIcon(getClass().getResource("l.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));  
  
    image.setIcon(img1);  
  
    this.getRootPane().setDefaultButton(demand_bt);  
  
    this.setLocationRelativeTo(null);  
  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
  
    this.setIconImage(img2.getImage());  
  
    this.a=a;  
  
    if(a==1)  
    {  
        rate_bt.setEnabled(false);  
        dist_bt.setEnabled(false);  
        main_bt.setEnabled(false);  
    }  
}
```



```
else
{
    rate_bt.setEnabled(true);
    dist_bt.setEnabled(true);
    main_bt.setEnabled(true);
}

}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    zone_bt = new javax.swing.JButton();
    main_bt = new javax.swing.JButton();
    dist_bt = new javax.swing.JButton();
    rate_bt = new javax.swing.JButton();
    demand_bt = new javax.swing.JButton();
    card_bt = new javax.swing.JButton();
    ret_bt = new javax.swing.JButton();
    back_bt = new javax.swing.JButton();
    image = new javax.swing.JLabel();
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
    setPreferredSize(new java.awt.Dimension(765, 500));
    getContentPane().setLayout(null);
    zone_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N
    zone_bt.setText("ZONE MASTER");
    zone_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0)));
    zone_bt.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        zone_btActionPerformed(evt);}});

getContentPane().add(zone_bt);

zone_bt.setBounds(263, 114, 235, 36);

main_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N

main_bt.setText("MAIN PRODUCT");

main_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0)));

main_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        main_btActionPerformed(evt);}});

getContentPane().add(main_bt);

main_bt.setBounds(516, 114, 205, 36);

dist_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N

dist_bt.setText("DISTRIBUTOR MASTER");

dist_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0)));

dist_bt.setHorizontalTextPosition(javax.swing.SwingConstantsConstants.LEADING);

dist_bt.setIconTextGap(1);

dist_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        dist_btActionPerformed(evt);}});

getContentPane().add(dist_bt);

dist_bt.setBounds(263, 193, 235, 36);

rate_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N

rate_bt.setText("RATE FILE");
```



```
rate_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0)));

rate_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        rate_btActionPerformed(evt);}});

getContentPane().add(rate_bt);

rate_bt.setBounds(516, 193, 205, 36);

demand_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N

demand_bt.setText("DEMAND TABLE");

demand_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0)));

demand_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        demand_btActionPerformed(evt);}});

getContentPane().add(demand_bt);

demand_bt.setBounds(21, 114, 224, 36);

card_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N

card_bt.setText("CARD TRANSACTION");

card_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0)));

card_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        card_btActionPerformed(evt);}});

getContentPane().add(card_bt);

card_bt.setBounds(21, 193, 224, 36);

ret_bt.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N

ret_bt.setText("RETAILER MASTER");
```



```
ret_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RA  
ISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new  
java.awt.Color(0, 0, 0)));  
  
    ret_bt.addActionListener(new java.awt.event.ActionListener() {  
  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
            ret_btActionPerformed(evt);}});  
  
    getContentPane().add(ret_bt);  
  
    ret_bt.setBounds(263, 258, 235, 36);  
  
back_bt.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.R  
AISED, new java.awt.Color(0, 51, 51), new java.awt.Color(0, 0, 0), new java.awt.Color(0, 0, 0), new  
java.awt.Color(0, 0, 0)));  
  
    back_bt.addActionListener(new java.awt.event.ActionListener() {  
  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
            back_btActionPerformed(evt);}});  
  
    getContentPane().add(back_bt);  
  
    back_bt.setBounds(320, 380, 133, 38);  
  
    getContentPane().add(image);  
  
    image.setBounds(-1, 0, 750, 470);  
  
    pack();  
}// </editor-fold>  
  
private void zone_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
    try {  
  
        new ZoneMaster(a).setVisible(true);  
    } catch (SQLException ex) {  
  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    } catch (ClassNotFoundException ex) {  
  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}
```



```
private void dist_btActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        new DistributorMaster(a).setVisible(true);  
    } catch (SQLException ex) {  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    } catch (ClassNotFoundException ex) {  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
private void ret_btActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        new Retailer_Master(a).setVisible(true);  
    } catch (SQLException ex) {  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    } catch (ClassNotFoundException ex) {  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
private void main_btActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        new MainProductMaster(a).setVisible(true);  
    } catch (SQLException ex) {  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    } catch (ClassNotFoundException ex) {  
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
private void rate_btActionPerformed(java.awt.event.ActionEvent evt) {
```



```
try {
    new RateFile(a).setVisible(true);
} catch (SQLException ex) {
    Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
}

private void card_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new CardTransaction1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void demand_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        p=con.prepareStatement("select * from temp");
        rs=p.executeQuery();
        rs.next();
        if(rs.getInt(1)==1 && rs.getInt(2)==1 && rs.getInt(3)==1 && rs.getInt(4)==1){
            p=con.prepareStatement("update status_master set
demand_entry=?,demand_chk=?,process_chk=?");
            p.setString(1,"f");
            p.setString(2,"f");
            p.setString(3,"f");
        }
    }
}
```



```
p.executeUpdate();

}

p=con.prepareStatement("select demand_entry,demand_chk,process_chk from
status_master");

rs=p.executeQuery();

rs.next();

if(rs.getString(1).equalsIgnoreCase("f") && rs.getString(2).equalsIgnoreCase("f") &&
rs.getString(3).equalsIgnoreCase("f")){
    new DemandTable1(a).setVisible(true);

}
else{
    JOptionPane.showMessageDialog(null,"Need to print Report");
    new Report(a).setVisible(true);
}

} catch (SQLException ex) {
    Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
}

}

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    try {
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(MainFrame2.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
}

// Variables declaration - do not modify

private javax.swing.JButton back_bt;

private javax.swing.JButton card_bt;

private javax.swing.JButton demand_bt;

private javax.swing.JButton dist_bt;

private javax.swing.JLabel image;

private javax.swing.JButton main_bt;

private javax.swing.JButton rate_bt;

private javax.swing.JButton ret_bt;

private javax.swing.JButton zone_bt;

// End of variables declaration } 
```

ZONE_MASTER ENTRY FORM

```
package sudhamilk;

import java.awt.Image;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;

public class ZoneMaster extends javax.swing.JFrame {

    Connection con;

    PreparedStatement p;

    ResultSet rs; 
```



```
int eno,a;  
  
String enostr;  
  
MainFrame2 m;  
  
public ZoneMaster(int a) throws SQLException, ClassNotFoundException {  
    initComponents();  
  
    con=ConnDb.conLink();  
  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
  
    this.setIconImage(img2.getImage());  
  
    this.a=a;  
  
    this.setLocationRelativeTo(null);  
  
    this.getRootPane().setDefaultButton(submit_bt);  
  
    ImageIcon img=new ImageIcon(new  
    ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),  
    home_bt.getHeight(),Image.SCALE_DEFAULT));  
  
    home_bt.setIcon(img);  
  
    p=con.prepareStatement("select last_zone from status_master");  
  
    rs=p.executeQuery();  
  
    if(rs.next())  
  
        eno=rs.getInt(1);  
  
        eno++;  
  
        auto(); }  
  
private void auto()  
{  
  
    if(eno<10)  
  
        enostr="Z00"+eno;  
  
    else if(eno<100)  
  
        enostr="Z0"+eno;  
  
    else if(eno<1000)  
  
        enostr="Z"+eno;
```



```
else
    JOptionPane.showMessageDialog(this,"More than 999 not allowed!");
    zcode_tf.setText(enostr);
    zname_tf.requestFocus();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    zcode_tf = new javax.swing.JTextField();
    zname_tf = new javax.swing.JTextField();
    zloca_tf = new javax.swing.JTextField();
    submit_bt = new javax.swing.JButton();
    next_bt = new javax.swing.JButton();
    zdist_cmb = new javax.swing.JComboBox<>();
    home_bt = new javax.swing.JButton();
    jLabel6 = new javax.swing.JLabel();
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
    setPreferredSize(new java.awt.Dimension(600, 420));
    jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N
    jLabel1.setText("ENTER ZONE CODE");
    jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N
    jLabel2.setText("ENTER ZONE NAME");
    jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N
    jLabel3.setText("ENTER LOCATION");
}
```



```
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N  
jLabel4.setText("ENTER DISTRICT");  
zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
zname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
zname_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusGained(java.awt.event.FocusEvent evt) {  
        zname_tfFocusGained(evt);  
    } });  
zname_tf.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        zname_tfActionPerformed(evt);  
    }});  
zloca_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
zloca_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        zloca_tfFocusLost(evt);  
    } });  
submit_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
submit_bt.setText("SUBMIT");  
submit_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        submit_btActionPerformed(evt);  
    }});  
next_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
next_bt.setText("NEXT");  
next_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        next_btActionPerformed(evt);  
    }});
```





```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

    .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 165, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

    .addGap(71, 71, 71)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 228,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(zname_tf, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 228, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addComponent(zloca_tf, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 228, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addComponent(zdist_cmb, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 228, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(layout.createSequentialGroup()

    .addGap(62, 62, 62)

    .addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(53, 53, 53)

    .addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addContainerGap(26, Short.MAX_VALUE))
```



```
);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{zcode_tf, zdist_cmb, zloca_tf, zname_tf});

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
            .addGroup(layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
                false)
                    .addComponent(zcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 33,
                    Short.MAX_VALUE)
                    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(1, 1, 1)
                        .addComponent(zname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
                        javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGap(18, 18, 18))
            .addGroup(layout.createSequentialGroup()
                .addGap(1, 1, 1)
                .addComponent(zdist_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(1, 1, 1)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(zloca_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
            javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(1, 1, 1)
    )
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(zname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
        javax.swing.GroupLayout.PREFERRED_SIZE))
)
    .addGap(1, 1, 1)
)
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(zloca_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
    javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
    false)
        .addComponent(zdist_cmb, javax.swing.GroupLayout.DEFAULT_SIZE, 41,
        Short.MAX_VALUE)
        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addGap(34, 34, 34)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap())
);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {zcode_tf,
zdist_cmb, zloca_tf, zname_tf});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4});

pack();
}// </editor-fold>

private void submit_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        if(zloca_tf.getText().length()==0)
        {
            JOptionPane.showMessageDialog(this,"You Can't Skip To Enter Location!");
        }
    }
}
```



```
zloca_tf.requestFocus();

}

else{

p=con.prepareStatement("insert into zone_master values(?,?,?,?,?)");

p.setString(1,zcode_tf.getText());

p.setString(2,zname_tf.getText());

p.setString(3,zloca_tf.getText());

//String dist =(String) zdist_cmb.getSelectedItem();

//p.setString(4,dist);

p.setString(4,(String)zdist_cmb.getSelectedItem());

p.executeUpdate();

JOptionPane.showMessageDialog(this,"Your record has entered successfully","Successful Insertion",JOptionPane.INFORMATION_MESSAGE);

p=con.prepareStatement("update status_master set last_zone=?");

p.setInt(1,eno);

p.executeUpdate();

eno++;

}

submit_bt.setEnabled(false);

} catch (SQLException ex) {

JOptionPane.showMessageDialog(this," Unsuccessful","Entry Problem",JOptionPane.ERROR_MESSAGE);

}

// auto();

//zloca_tf.setText("");


}

private void next_btActionPerformed(java.awt.event.ActionEvent evt) {

zloca_tf.setText("");


submit_bt.setEnabled(true);
```



```
auto();

zdist_cmb.setSelectedIndex(0);

zcode_tf.requestFocus();

}

private void zname_tfFocusGained(java.awt.event.FocusEvent evt) {

zname_tf.setText("Zone Name="+eno);

zloca_tf.requestFocus();

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

try {

new MainFrame1(a).setVisible(true);

} catch (SQLException ex) {

Logger.getLogger(ZoneMaster.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

Logger.getLogger(ZoneMaster.class.getName()).log(Level.SEVERE, null, ex);

}

}

// Variables declaration - do not modify

private javax.swing.JButton home_bt;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel6;

private javax.swing.JButton next_bt;

private javax.swing.JButton submit_bt;

private javax.swing.JTextField zcode_tf;
```



```
private javax.swing.JComboBox<String> zdist_cmb;  
private javax.swing.JTextField zloca_tf;  
private javax.swing.JTextField zname_tf;  
// End of variables declaration  
}
```

RETAILER MASTER ENTRY FORM

```
package sudhamilk;  
import java.awt.Image;  
import java.awt.event.KeyAdapter;  
import java.awt.event.KeyEvent;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
public class Retailer_Master extends javax.swing.JFrame {  
    Connection con;  
    PreparedStatement p;  
    ResultSet rs;  
    String rcodestr;  
    int rcode,ctr;  
    boolean flag=true;  
    int a;  
    MainFrame2 m;
```



```
public Retailer_Master(int a) throws SQLException, ClassNotFoundException {  
    initComponents()  
    this.a=a;  
    con=ConnDb.conLink();  
    rrate_cmb.setEnabled(false);  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
    this.setIconImage(img2.getImage());  
    this.setLocationRelativeTo(null);  
    this.getRootPane().setDefaultButton(submit_bt);  
    ImageIcon img=new ImageIcon(new  
    ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),  
    home_bt.getHeight(),Image.SCALE_DEFAULT));  
    home_bt.setIcon(img);  
    p=con.prepareStatement("select last_ret from status_master");  
    rs=p.executeQuery();  
    rs.next();  
    rcode=rs.getInt(1);  
    rcode++;  
    auto();  
    rcont_tf.addKeyListener(new KeyAdapter(){  
        @Override  
        public void keyTyped(KeyEvent e) {  
            if(rcont_tf.getText().length()>=10)  
                e.consume();  
        }    });  
    p=con.prepareStatement("select zcode from zone_master");  
    rs=p.executeQuery();  
    while(rs.next())  
    {
```



```
zcode_cmb.addItem(rs.getString(1));
ctr++;
rname_tf.requestFocus();
}

}

private void auto()
{
if(rcode<10)
    rcodestr="R0000"+rcode;
else if(rcode<100)
    rcodestr="R000"+rcode;
else if(rcode<1000)
    rcodestr="R00"+rcode;
else if(rcode<10000)
    rcodestr="R0"+rcode;
else if(rcode<100000)
    rcodestr="R"+rcode;
else
    JOptionPane.showConfirmDialog(this,"more than 99999 not allowed!");
rcode_tf.setText(rcodestr);
rname_tf.requestFocus();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jScrollPane1 = new javax.swing.JScrollPane();
    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
```



```
jLabel2 = new javax.swing.JLabel();  
jLabel3 = new javax.swing.JLabel();  
jLabel4 = new javax.swing.JLabel();  
jLabel5 = new javax.swing.JLabel();  
jLabel6 = new javax.swing.JLabel();  
jLabel7 = new javax.swing.JLabel();  
jLabel8 = new javax.swing.JLabel();  
jLabel9 = new javax.swing.JLabel();  
jLabel10 = new javax.swing.JLabel();  
submit_bt = new javax.swing.JButton();  
nextl_bt = new javax.swing.JButton();  
jLabel11 = new javax.swing.JLabel();  
rcode_tf = new javax.swing.JTextField();  
rname_tf = new javax.swing.JTextField();  
rroute_tf = new javax.swing.JTextField();  
rcont_tf = new javax.swing.JTextField();  
rloca_tf = new javax.swing.JTextField();  
roff_ref_tf = new javax.swing.JTextField();  
zcode_cmb = new javax.swing.JComboBox<>();  
booth_cmb = new javax.swing.JComboBox<>();  
rstatus_cmb = new javax.swing.JComboBox<>();  
rrate_cmb = new javax.swing.JComboBox<>();  
jLabel12 = new javax.swing.JLabel();  
rdist_tf = new javax.swing.JTextField();  
year = new javax.swing.JComboBox<>();  
mon = new javax.swing.JComboBox<>();  
date = new javax.swing.JComboBox<>();  
lab = new javax.swing.JLabel();
```



```
lab1 = new javax.swing.JLabel();

lab3 = new javax.swing.JLabel();

home_bt = new javax.swing.JButton();

jLabel13 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

jScrollPane1.setToolTipText("");

jScrollPane1.setVerticalScrollBarPolicy(javax.swing.ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS);

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel1.setText("ENTER RETAILER CODE");

jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel2.setText("ENTER RETAILER NAME");

jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel3.setText("ENTER ROUTE NO.");

jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel4.setText("ENTER CONTACT NO.");

jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel5.setText("ENTER LOCATION");

jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel6.setText("ENTER OFFICE REFRENCE");

jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel7.setText("ENTER REFRENCE DATE");

jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel8.setText("ENTER RETAILER STATUS");

jLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel9.setText("ENTER RATE STATUS");

jLabel10.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N

jLabel10.setText("WHOLE DAY BOOTH");
```



```
submit_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
submit_bt.setText("SUBMIT");
submit_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        submit_btActionPerformed(evt);
    }
});
nextl_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
nextl_bt.setText("NEXT");
nextl_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        nextl_btActionPerformed(evt);
    }
});
jLabel11.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N
jLabel11.setText("ZONE CODE");
rcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rname_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        rname_tfFocusLost(evt);
    }
});
rname_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rname_tfActionPerformed(evt);
    }
});
rname_tf.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        rname_tfKeyTyped(evt);
    }
});
```



```
rroute_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rroute_tf.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        rroute_tfKeyTyped(evt);
    }
});

rcont_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rcont_tf.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        rcont_tfKeyTyped(evt);
    }
});

rloca_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rloca_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        rloca_tfFocusLost(evt);
    }
});

rloca_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rloca_tfActionPerformed(evt);
    }
});

roff_ref_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
roff_ref_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        roff_ref_tfActionPerformed(evt);
    }
});

zcode_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
zcode_cmb.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        zcode_cmbFocusLost(evt);
    }
});
```



```
    }    });

zcode_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        zcode_cmbActionPerformed(evt);
    }
});

booth_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
booth_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "YES", "NO" }));
rstatus_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rstatus_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Retailer", "Institute", "Distributor" }));
rstatus_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rstatus_cmbActionPerformed(evt);
    }
});

rrate_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rrate_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "MRP", "Retailer" }));
rrate_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rrate_cmbActionPerformed(evt);
    }
});

jLabel12.setFont(new java.awt.Font("Bookman Old Style", 1, 15)); // NOI18N
jLabel12.setText("DISTRICT");
rdist_tf.setEditable(false);
rdist_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rdist_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rdist_tfActionPerformed(evt);
    }
});
```



```
    }    });

year.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2018", "2019",
"2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031",
"2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",
"2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055"
}));

year.addFocusListener(new java.awt.event.FocusAdapter() {

    public void focusLost(java.awt.event.FocusEvent evt) {

        yearFocusLost(evt);

    }    });

year.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        yearActionPerformed(evt);

    }    });

mon.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

mon.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3", "4",
"5", "6", "7", "8", "9", "10", "11", "12" }));

mon.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        monActionPerformed(evt);

    }    });

date.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

date.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3", "4",
"5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20",
"21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", " " }));

date.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        dateActionPerformed(evt);

    }    });


```





```
.addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 102,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(147, 147, 147)

.addComponent(nextl_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 102,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup())
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel12, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel8, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel6, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 233, Short.MAX_VALUE)

.addComponent(jLabel9, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel10, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addComponent(jLabel7, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

.addGap(71, 71, 71)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(rstatus_cmb, 0, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(booth_cmb, 0, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(rrate_cmb, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addGap(18, 18, 18)

.addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE, 69,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(year, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

.addComponent(roff_ref_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 145,
Short.MAX_VALUE)

.addComponent(rdist_tf, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(rloca_tf, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, 39, Short.MAX_VALUE)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 233,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 232, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(1, 1, 1)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

.addComponent(jLabel11, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 232, Short.MAX_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))

.addGap(71, 71, 71)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(lab3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(lab, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```



```
.addComponent(lab1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 255, Short.MAX_VALUE)
.addComponent(rname_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 195, Short.MAX_VALUE)
.addComponent(rroute_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 224, Short.MAX_VALUE)

        .addComponent(rcont_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 224,
Short.MAX_VALUE)

        .addComponent(zcode_cmb, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))))))

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(126, 126, 126)

            .addComponent(jLabel13)))

        .addGap(39, 39, 39));

jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{booth_cmb, rcode_tf, rcont_tf, rloca_tf, rname_tf, roff_ref_tf, rrate_cmb, rroute_tf, rstatus_cmb,
zcode_cmb});

jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{nextl_bt, submit_bt});

jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel1Layout.createSequentialGroup()

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addGap(18, 18, 18)))  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
    .addComponent(rcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 38,  
Short.MAX_VALUE)  
    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
    .addGap(18, 18, 18)  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(rname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
    .addGap(2, 2, 2)  
    .addComponent(lab, javax.swing.GroupLayout.PREFERRED_SIZE, 16,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
    .addComponent(jLabel11, javax.swing.GroupLayout.DEFAULT_SIZE, 36,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    .addComponent(zcode_cmb))  
    .addGap(18, 18,  
18).addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
    .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, 33,  
Short.MAX_VALUE))  
    .addGroup(jPanel1Layout.createSequentialGroup()  
        .addGap(1, 1, 1)  
        .addComponent(rroute_tf)))  
    .addGap(2, 2, 2)  
    .addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 17,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(1, 1, 1)

.addComponent(rcont_tf)))

.addGap(2, 2, 2)

.addComponent(lab3, javax.swing.GroupLayout.PREFERRED_SIZE, 13,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(1, 1, 1)

.addComponent(rloca_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(1, 1, 1)

.addComponent(rdist_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)

.addComponent(roff_ref_tf, javax.swing.GroupLayout.Alignment.TRAILING)))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(date, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE))
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE)

.addComponent(rstatus_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(rrate_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel9, javax.swing.GroupLayout.DEFAULT_SIZE, 33, Short.MAX_VALUE))
        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(booth_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(30, 30, 30)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(nextl_bt))
```



```
.addGap(40, 40, 40))

);

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{jLabel10, jLabel11, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8, jLabel9});

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{booth_cmb, date, mon, roff_ref_tf, rrate_cmb, rstatus_cmb, year, zcode_cmb});

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{nextl_bt, submit_bt});

jScrollPane1.setViewportView(jPanel1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,
    javax.swing.GroupLayout.PREFERRED_SIZE, 671, javax.swing.GroupLayout.PREFERRED_SIZE)
);

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 684,
    javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 0, Short.MAX_VALUE))
);

pack();

}// </editor-fold>

private void monActionPerformed(java.awt.event.ActionEvent evt) {
    year.requestFocus();
}

private void yearActionPerformed(java.awt.event.ActionEvent evt) {
    rstatus_cmb.requestFocus();
}
```



```
}

private void zcode_cmbFocusLost(java.awt.event.FocusEvent evt) {

    try {

        p=con.prepareStatement("select dist from zone_master where (zcode)=?");

        p.setString(1,(String)zcode_cmb.getSelectedItem());

        rs=p.executeQuery();

        rs.next();

        rdist_tf.setText(rs.getString(1));

    } catch (SQLException ex) {

        Logger.getLogger(RetailerMaster.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void nextl_btActionPerformed(java.awt.event.ActionEvent evt) {

    rcode_tf.setText("");

    rname_tf.setText("");

    rroute_tf.setText("");

    rcont_tf.setText("");

    rloca_tf.setText("");

    roff_ref_tf.setText("");

    date.setSelectedIndex(0);

    mon.setSelectedIndex(0);

    year.setSelectedIndex(0);

    zcode_cmb.setSelectedIndex(0);

    rstatus_cmb.setSelectedIndex(0);

    rrate_cmb.setSelectedIndex(0);

    booth_cmb.setSelectedIndex(0);

    //rstatus_cmb.setText("");

    //rrate_cmb.setText("");

}
```



```
//booth_cmb.setText("");
auto();
submit_bt.setEnabled(true);
rname_tf.requestFocus();
}

private void submit_btActionPerformed(java.awt.event.ActionEvent evt) {
try {
if ((rname_tf.getText().length()==0) || (rroute_tf.getText().length()==0) ||
(rcont_tf.getText().length()==0) || (rloca_tf.getText().length()==0) ||
(roff_ref_tf.getText().length()==0) || (date.getSelectedItem().toString().length()==0) ||
(mon.getSelectedItem().toString().length()==0) || (year.getSelectedItem().toString().length()==0) ||
(rstatus_cmb.getSelectedItem().toString().length()==0 ) ||
(rrate_cmb.getSelectedItem().toString().length()==0) ||
(booth_cmb.getSelectedItem().toString().length()==0)

{
JOptionPane.showMessageDialog(this,"You Can't Skip To Enter Any Field , All Fields Are
Mandatory To be Filled");

rname_tf.requestFocus();
}
else
{
String str="""+date.getSelectedItem()+"-"+mon.getSelectedItem() +"-"
"+year.getSelectedItem();

p=con.prepareStatement("insert into retailer_master
(ret_cod,ret_nam,z_code,route_no,contno,loc,district,off_ref,ref_date,ret_stat,rate_stat,wd_boot
h) values(?,?,?,?,?,?,?,?,?,?)");

p.setString(1,rcode_tf.getText());
```



```
p.setString(2,rname_tf.getText());
p.setString(3,zcode_cmb.getSelectedItem().toString());
p.setString(4,rroute_tf.getText());
p.setString(5,rcont_tf.getText());
p.setString(6,rloca_tf.getText());
p.setString(7,rdist_tf.getText());
p.setString(8,roff_ref_tf.getText());
p.setString(9,str);
p.setString(10,(String)rstatus_cmb.getSelectedItem());
p.setString(11,(String)rrate_cmb.getSelectedItem());
p.setString(12,(String)booth_cmb.getSelectedItem());
p.executeUpdate();
p=con.prepareStatement("update status_master set last_ret=?");
p.setInt(1,rcode);
p.executeUpdate();
rcode++;
submit_bt.setEnabled(false);

JOptionPane.showMessageDialog(this,"Your record has entered successfully","Successful Insertion",JOptionPane.INFORMATION_MESSAGE);

}} catch (SQLException ex) {
Logger.getLogger(RetailerMaster.class.getName()).log(Level.SEVERE, null, ex);
}

private void rname_tfKeyTyped(java.awt.event.KeyEvent evt) {
char ch=evt.getKeyChar();
if(Character.isSpaceChar(ch)&&flag)
{
lab.setText("First letter must not be space!");

```



```
        evt.consume();  
    }  
  
    else{  
  
        if(!((Character.isAlphabetic(ch))| |(ch==46)| |Character.isSpaceChar(ch)))  
        {  
  
            lab.setText("Only alphabets,space and dot allowed!");  
  
            evt.consume();  
  
            // rname_tf.requestFocus();  
        }  
  
        else  
  
            flag=false;  
    }  
  
}  
  
private void rroute_tfKeyTyped(java.awt.event.KeyEvent evt) {  
  
    char ch=evt.getKeyChar();  
  
    if(!(Character.isDigit(ch)))  
    {  
  
        lab1.setText("Only digits are allowed!");  
  
        evt.consume();  
    }  
  
}  
  
private void rcont_tfKeyTyped(java.awt.event.KeyEvent evt) {  
  
    char ch=evt.getKeyChar();  
  
    if(!(Character.isDigit(ch)| | (ch==45)))  
    {  
  
        lab3.setText("Only digits and hyphens are allowed!");  
  
        evt.consume();  
    }  
}
```



```
}

private void zcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {
    rroute_tf.requestFocus();
}

private void dateActionPerformed(java.awt.event.ActionEvent evt) {
    mon.requestFocus();
}

private void rstatus_cmbActionPerformed(java.awt.event.ActionEvent evt) {
    if(rstatus_cmb.getSelectedItem().toString().equalsIgnoreCase("Institute"))
    {
        rrate_cmb.setEnabled(true);
        rrate_cmb.requestFocus();
    }
    else
    {rrate_cmb.setEnabled(false);
        booth_cmb.requestFocus();}
}

private void rrate_cmbActionPerformed(java.awt.event.ActionEvent evt) {
    booth_cmb.requestFocus();
}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    try {
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Retailer_Master.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Retailer_Master.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
    }

}

private void dateActionPerformed(java.awt.event.ActionEvent evt) {

    mon.requestFocus();

}

private void rstatus_cmbActionPerformed(java.awt.event.ActionEvent evt) {

    if(rstatus_cmb.getSelectedItem().toString().equalsIgnoreCase("Institute"))

    {

        rrate_cmb.setEnabled(true);

        rrate_cmb.requestFocus();

    }

    else

    {rrate_cmb.setEnabled(false);

        booth_cmb.requestFocus();}

}

private void rrate_cmbActionPerformed(java.awt.event.ActionEvent evt) {

    booth_cmb.requestFocus();

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Retailer_Master.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Retailer_Master.class.getName()).log(Level.SEVERE, null, ex);

    }

}
```



DISTRIBUTOR MASTER ENTRY FORM

```
package sudhamilk;  
import java.awt.Image;  
import java.awt.event.KeyAdapter;  
import java.awt.event.KeyEvent;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
  
public class DistributorMaster extends javax.swing.JFrame {  
  
Connection con;  
PreparedStatement p;  
ResultSet rs;  
int dcode,ctr,a;  
String dcodestr;  
boolean flag=true;  
MainFrame2 m;  
  
public DistributorMaster(int a) throws SQLException, ClassNotFoundException {  
    initComponents();  
    this.a=a;  
    con=ConnDb.conLink();  
    this.setLocationRelativeTo(null);  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
}
```



```
this.setIconImage(img2.getImage());

this.getRootPane().setDefaultButton(submit_bt);

ImageIcon img=new ImageIcon(new

ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth()

),home_bt.getHeight(),Image.SCALE_DEFAULT));

home_bt.setIcon(img);

p=con.prepareStatement("select last_dist from status_master");

rs=p.executeQuery();

rs.next();

dcode=rs.getInt(1);

dcode++;

auto();

dcont_tf.addKeyListener(new KeyAdapter(){

    public void keyTyped(KeyEvent e) {

        if(dcont_tf.getText().length()>=10)

            e.consume();

    }      });

p=con.prepareStatement("select zcode from zone_master");

rs=p.executeQuery();

while(rs.next())

{

    zcode_cmb.addItem(rs.getString(1));

    ctr++;

    dname_tf.requestFocus();

}

}

private void auto()

{
```



```
if(dcode<10)
    dcodestr="D0000"+dcode;
else if(dcode<100)
    dcodestr="D000"+dcode;
else if(dcode<1000)
    dcodestr="D00"+dcode;
else if(dcode<10000)
    dcodestr="D0"+dcode;
else if(dcode<100000)
    dcodestr="D"+dcode;
else
    JOptionPane.showConfirmDialog(this,"more than 99999 not allowed!");
dcode_tf.setText(dcodestr);
dname_tf.requestFocus();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    dcode_tf = new javax.swing.JTextField();
    dname_tf = new javax.swing.JTextField();
    dcont_tf = new javax.swing.JTextField();
    dadd_tf = new javax.swing.JTextField();
    doff_ref_tf = new javax.swing.JTextField();
    dcom_tf = new javax.swing.JTextField();
    submit_bt = new javax.swing.JButton();
    nextl_bt = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
```



```
jLabel3 = new javax.swing.JLabel();  
jLabel4 = new javax.swing.JLabel();  
jLabel5 = new javax.swing.JLabel();  
jLabel6 = new javax.swing.JLabel();  
jLabel7 = new javax.swing.JLabel();  
jLabel8 = new javax.swing.JLabel();  
zcode_cmb = new javax.swing.JComboBox<>();  
date = new javax.swing.JComboBox<>();  
mon = new javax.swing.JComboBox<>();  
year = new javax.swing.JComboBox<>();  
lab = new javax.swing.JLabel();  
lab1 = new javax.swing.JLabel();  
lab3 = new javax.swing.JLabel();  
home_bt = new javax.swing.JButton();  
jLabel9 = new javax.swing.JLabel();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
dname_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        dname_tfFocusLost(evt);  
    }});  
dname_tf.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        dname_tfActionPerformed(evt);  
    }});  
dname_tf.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyTyped(java.awt.event.KeyEvent evt) {  
        dname_tfKeyTyped(evt);  
    }});
```



```
dcont_tf.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyTyped(java.awt.event.KeyEvent evt) {  
        dcont_tfKeyTyped(evt);  
    }    });  
  
dcom_tf.setMinimumSize(new java.awt.Dimension(6, 24));  
dcom_tf.setPreferredSize(new java.awt.Dimension(6, 24));  
dcom_tf.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyTyped(java.awt.event.KeyEvent evt) {  
        dcom_tfKeyTyped(evt);  
    }    });  
  
submit_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
submit_bt.setText("SUBMIT");  
submit_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        submit_btActionPerformed(evt);  
    }    });  
  
nextl_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
nextl_bt.setText("NEXT");  
nextl_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        nextl_btActionPerformed(evt);  
    }    });  
  
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel1.setText("ENTER DISTRIBUTOR CODE");  
jLabel1.setMaximumSize(new java.awt.Dimension(168, 11));  
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel2.setText("ENTER DISTRIBUTOR NAME");  
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N
```



```
jLabel3.setText("ENTER CONTACT NO.");  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel4.setText("ENTER ADDRESS");  
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel5.setText("ENTER OFFICE REFRENCE");  
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel6.setText("ENTER REFRENCE DATE");  
jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel7.setText("ENTER DISTRIBUTOR COMMISSION");  
jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N  
jLabel8.setText("ZONE CODE");  
zcode_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "CHOOSE" }));  
zcode_cmb.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        zcode_cmbActionPerformed(evt);  
    }  
});  
date.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3", "4",  
"5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",  
"23", "24", "25", "26", "27", "28", "29", "30", "31", " " }));  
date.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        dateActionPerformed(evt);  
    }  
});  
mon.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3", "4",  
"5", "6", "7", "8", "9", "10", "11", "12" }));  
mon.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        monActionPerformed(evt);  
    }  
});
```



```
year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2018", "2019",
"2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031",
"2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",
"2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055"
}));  
  
year.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        yearFocusLost(evt);  
    }    });  
  
year.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        yearActionPerformed(evt);  
    }    });  
  
lab.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
lab.setForeground(new java.awt.Color(255, 0, 0));  
lab1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
lab1.setForeground(new java.awt.Color(255, 0, 0));  
lab1.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyTyped(java.awt.event.KeyEvent evt) {  
        lab1KeyTyped(evt);  
    }    });  
  
lab3.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
lab3.setForeground(new java.awt.Color(255, 0, 0));  
home_bt.setBorder(null);  
home_bt.setBorderPainted(false);  
home_bt.setContentAreaFilled(false);  
home_bt.setFocusPainted(false);  
home_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
    }  
});
```



```
    home_btActionPerformed(evt);
}
});

jLabel9.setFont(new java.awt.Font("Sitka Text", 1, 24)); // NOI18N
jLabel9.setText("DISTRIBUTOR MASTER");
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(54, 54, 54)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addGap(54, 54, 54)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
            .addGroup(layout.createSequentialGroup()
                .addGap(54, 54, 54)
                .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()
                .addGap(54, 54, 54)
                .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addGap(50, 50, 50))))
    .addGroup(layout.createSequentialGroup()
        .addGap(50, 50, 50)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addGap(50, 50, 50)
                .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                    javax.swing.GroupLayout.PREFERRED_SIZE))))));
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(50, 50, 50)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addGap(50, 50, 50)
                .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                    javax.swing.GroupLayout.PREFERRED_SIZE))))));
});
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
    .addGap(0, 0, Short.MAX_VALUE)
    .addComponent(nextl_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 102,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(172, 172, 172))
    .addGroup(layout.createSequentialGroup()
        .addGap(72, 72, 72)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(lab3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(dcom_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE, 58,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE, 96,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addComponent(doff_ref_tf, javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(dadd_tf, javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(dcont_tf)
```



```
.addComponent(lab1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addComponent(lab, javax.swing.GroupLayout.PREFERRED_SIZE, 256,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap()

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addComponent(zcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 256,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(54, 54, 54)))))

.addGroup(layout.createSequentialGroup()

.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(117, 117, 117)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 295,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(0, 0, Short.MAX_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 257, Short.MAX_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(72, 72, 72)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(dname_tf, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 256, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(dcode_tf, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 256, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(54, 54, 54))

);
```



```
layout.linkSize(javax.swing.SwingConstantsConstants.HORIZONTAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8});

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
                javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGap(32, 32, 32)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(dcode_tf))
    .addGap(18, 18, 18)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(dname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
            javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(2, 2, 2)
    .addComponent(lab, javax.swing.GroupLayout.PREFERRED_SIZE, 16,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(zcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel8))
)
```



```
.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
    javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(dcont_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(2, 2, 2)

.addComponent(lab3, javax.swing.GroupLayout.PREFERRED_SIZE, 14,
    javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
    javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(dadd_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
    javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(doff_ref_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
    javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(dcom_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGroup(layout.createSequentialGroup()
        .addGap(3, 3, 3)
        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
    .addGap(2, 2, 2)
    .addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 16,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(18, 18, 18)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(nextl_bt)
        .addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)));
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {dadd_tf,
date, dcode_tf, dcom_tf, dcont_tf, dname_tf, doff_ref_tf, mon, year, zcode_cmb});
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {nextl_bt,
submit_bt});
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel8});
pack();
}// </editor-fold>
private void nextl_btActionPerformed(java.awt.event.ActionEvent evt) {
    dcode_tf.setText("");
    dname_tf.setText("");
    dcont_tf.setText("");
    dadd_tf.setText("");
    doff_ref_tf.setText("");}
```



```
date.setSelectedIndex(0);

mon.setSelectedIndex(0);

year.setSelectedIndex(0);

dcom_tf.setText("");

auto();

submit_bt.setEnabled(true);

zcode_cmb.setSelectedIndex(0);

dname_tf.requestFocus();

}

private void submit_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

if((dname_tf.getText().length()==0) || (zcode_cmb.getSelectedItem().toString().length()==0)

|| (dcont_tf.getText().length()==0) || (dadd_tf.getText().length()==0) ||

(doff_ref_tf.getText().length()==0) || (date.getSelectedItem().toString().length()==0) ||

(mon.getSelectedItem().toString().length()==0) || (year.getSelectedItem().toString().length()==0) ||

(dcom_tf.getText().length()==0))

{

JOptionPane.showMessageDialog(this,"You Can't Skip To Enter Any Field , All Fields Are

Mandatory To be Filled");

dname_tf.requestFocus();

}

else{

String str="""+date.getSelectedItem()+"-"+mon.getSelectedItem()+"-

"+year.getSelectedItem();

p=con.prepareStatement("insert into distributor_master

(dist_cod,dist_nam,z_code,contno,address,off_ref,refdat,distcomisn) values(?,?,?,?,?,?,?,?)");

p.setString(1,dcode_tf.getText());

p.setString(2,dname_tf.getText());

p.setString(3,(String)zcode_cmb.getSelectedItem());
```



```
p.setString(4,dcont_tf.getText());
p.setString(5,dadd_tf.getText());
p.setString(6,doff_ref_tf.getText());
p.setString(7,str);
p.setString(8,dcom_tf.getText());
p.executeUpdate();
p=con.prepareStatement("update status_master set last_dist=?");
p.setInt(1,dcode);
p.executeUpdate();
dcode++;
JOptionPane.showMessageDialog(this,"Your record has entered successfully","Successful Insertion",JOptionPane.INFORMATION_MESSAGE);
submit_bt.setEnabled(false);}
} catch (SQLException ex) {
JOptionPane.showMessageDialog(this,"insert query is uncessful","Entry Problem",JOptionPane.ERROR_MESSAGE);
}
private void monActionPerformed(java.awt.event.ActionEvent evt) {
year.requestFocus();
}
private void dname_tfKeyTyped(java.awt.event.KeyEvent evt) {
char ch=evt.getKeyChar();
if(Character.isSpaceChar(ch)&&flag)
{
lab.setText("First letter must not be space!");
evt.consume();
}
else{
```



```
if(!((Character.isAlphabetic(ch))||(ch==46)||Character.isSpaceChar(ch)))  
{  
    lab.setText("Only alphabets,space and dot allowed!");  
    evt.consume();  
    //dname_tf.requestFocus();  
}  
else  
    flag=false;  
}  
}  
  
private void dcom_tfKeyTyped(java.awt.event.KeyEvent evt) {  
    char ch=evt.getKeyChar();  
    if(!(Character.isDigit(ch) || (ch==46)))  
    {  
        lab1.setText("Only digits and decimals are allowed!");  
        evt.consume();  
        // dcom_tf.requestFocus();  
    }  
}  
  
private void dateActionPerformed(java.awt.event.ActionEvent evt) {  
    mon.requestFocus();  
}  
  
private void dcont_tfKeyTyped(java.awt.event.KeyEvent evt) {  
    char ch=evt.getKeyChar();  
    if(!(Character.isDigit(ch)|| (ch==45)))  
    {  
        lab3.setText("Only digits and hyphens are allowed!");  
        evt.consume();  
    }  
}
```



```
}

private void zcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {
try {
p=con.prepareStatement("select z_code from distributor_master");
rs=p.executeQuery();
if(rs.next())
{
if(rs.getString(1).equalsIgnoreCase(zcode_cmb.getSelectedItem().toString()))
{
JOptionPane.showMessageDialog(this,"this zone has been already allotted to other
distributor!");
dcont_tf.setEnabled(false);
dadd_tf.setEnabled(false);
doff_ref_tf.setEnabled(false);
date.setEditable(false);
mon.setEditable(false);
year.setEditable(false);
dcom_tf.setEditable(false);
submit_bt.setEnabled(false);
}
else{
dcont_tf.setEnabled(true);
dadd_tf.setEnabled(true);
doff_ref_tf.setEnabled(true);
date.setEditable(true);
mon.setEditable(true);
year.setEditable(true);
}
}
}
}
```



```
dcom_tf.setEditable(true);
submit_bt.setEnabled(true);
dcont_tf.requestFocus();
}
}

else
dcont_tf.requestFocus();
} catch (SQLException ex) {
Logger.getLogger(DistributorMaster.class.getName()).log(Level.SEVERE, null, ex);
}
}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {
this.dispose();
try {
new MainFrame1(a).setVisible(true);
} catch (SQLException ex) {
Logger.getLogger(DistributorMaster.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
Logger.getLogger(DistributorMaster.class.getName()).log(Level.SEVERE, null, ex);
}
}

// Variables declaration - do not modify
private javax.swing.JTextField dadd_tf;
javax.swing.JComboBox<String> date;
private javax.swing.JTextField dcode_tf;
private javax.swing.JTextField dcom_tf;
private javax.swing.JTextField dcont_tf;
private javax.swing.JTextField dname_tf;
```



```
private javax.swing.JTextField doff_ref_tf;
private javax.swing.JButton home_bt;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JLabel lab;
private javax.swing.JLabel lab1;
private javax.swing.JLabel lab3;
javax.swing.JComboBox<String> mon;
private javax.swing.JButton nextl_bt;
private javax.swing.JButton submit_bt;
javax.swing.JComboBox<String> year;
private javax.swing.JComboBox<String> zcode_cmb;
// End of variables declaration
}
```

MAIN PRODUCT MASTER ENTRY FORM

```
package sudhamilk;
import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class MainProductMaster extends javax.swing.JFrame {

    ResultSet rs;
    PreparedStatement p,st;
    Connection con;
    int ctr;
    String str;
    MainFrame2 m;
    int a;
    public MainProductMaster(int a) throws SQLException, ClassNotFoundException {
        initComponents();
        // m=m2;
        this.a=a;
        //m.dispose();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        this.getRootPane().setDefaultButton(submit_bt);
        con=ConnDb.conLink();
        ImageIcon img=new ImageIcon(new
        ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),
        home_bt.getHeight(),Image.SCALE_DEFAULT));
        home_bt.setIcon(img);
        p=con.prepareStatement("select last_prd from status_master");
        rs=p.executeQuery();
```



```
rs.next();

ctr=rs.getInt(1)+1;

create();

mpname_tf.requestFocus();

}

public void create()

{

if(ctr<10)

str="P0"+ctr;

else if(ctr<100)

str="P"+ctr;

else

JOptionPane.showMessageDialog(this,"More than 99 not allowed","Data
excede",JOptionPane.ERROR_MESSAGE);

mpcode_tf.setText(str);

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

mpcode_tf = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

mpname_tf = new javax.swing.JTextField();

submit_bt = new javax.swing.JButton();

next_bt = new javax.swing.JButton();

home_bt = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
```



```
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setText("ENTER PRODUCT CODE");
mpcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N
mpcode_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        mpcode_tfActionPerformed(evt);
    }
});
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setText("ENTER PRODUCT NAME");
mpname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N
submit_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
submit_bt.setText("SUBMIT");
submit_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        submit_btActionPerformed(evt);
    }
});
next_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
next_bt.setText("NEXT");
next_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        next_btActionPerformed(evt);
    }
});
home_bt.setBorder(null);
home_bt.setBorderPainted(false);
home_bt.setContentAreaFilled(false);
home_bt.setFocusPainted(false);
home_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        home_btActionPerformed(evt);
    }
});

jLabel9.setFont(new java.awt.Font("Sitka Text", 1, 24)); // NOI18N
jLabel9.setText("MAIN PRODUCT MASTER");
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(54, 54, 54)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 203, Short.MAX_VALUE)))
            .addGroup(layout.createSequentialGroup()
                .addGap(121, 121, 121)
                .addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
                    javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGapGap(72, 72, 72)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(mpname_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 248, Short.MAX_VALUE)
            .addComponent(mpcode_tf))
        .addGroup(layout.createSequentialGroup()
            .addGapGap(21, 21, 21)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(mpname_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 248, Short.MAX_VALUE)
                .addComponent(mpcode_tf)))
        .addGapGap(21, 21, 21)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(mpname_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 248, Short.MAX_VALUE)
            .addComponent(mpcode_tf)))
    )
);
```



```
.addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE))))  
  
.addGroup(layout.createSequentialGroup()  
  
.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGap(93, 93, 93)  
  
.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 306,
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
.addGap(54, 54, 54))  
);  
  
layout.setVerticalGroup(  
  
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  
  
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
  
.addGroup(layout.createSequentialGroup()  
  
.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGap(13, 13, 13))  
  
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()  
  
.addContainerGap()  
  
.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGap(18, 18, 18))  
  
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
  
.addComponent(mpcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
.addGap(18, 18, 18)  
  
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(mpname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(14, 14, 14))

);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, mpcode_tf, mpname_tf});

pack();

}// </editor-fold>

private void mpcode_tfActionPerformed(java.awt.event.ActionEvent evt) {

}

private void submit_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(mpname_tf.getText().length()==0)

{

JOptionPane.showMessageDialog(this,"You Can't Skip To Enter Product Name ,Product
Name Is Mandatory To be Filled");

mpname_tf.requestFocus();

}

else

{

int r=JOptionPane.showConfirmDialog(this,"Do you want to SUBMIT the above details you
Entered?","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.QUESTION_MESSAGE);


```



```
if(r==0)
{
    p=con.prepareStatement("select mp_name from main_product");
    rs=p.executeQuery();
    if(rs.next())
    {
        String ch=rs.getString(1);
        if(ch.equalsIgnoreCase(mpname_tf.getText()))
        {
            mpname_tf.setText("");
            mpname_tf.requestFocus();
            JOptionPane.showMessageDialog(this,"Product Name Already Exists");
        }
    }
    else{
        p=con.prepareStatement("insert into main_product (mp_code,mp_name) values (?,?)");
        p.setString(1,mpcode_tf.getText());
        p.setString(2,mpname_tf.getText());
        p.executeUpdate();
        p=con.prepareStatement("update main_product set prd_lref=0");
        p.executeUpdate();
        st=con.prepareStatement("update status_master set last_prd=?");
        st.setInt(1, ctr);
        st.executeUpdate();
        ctr++;
        JOptionPane.showMessageDialog(this,"Successfully row inserted","Entry
form",JOptionPane.INFORMATION_MESSAGE);

        submit_bt.setEnabled(false);
    }
}
```



```
    }

    else

    {

p=con.prepareStatement("insert into main_product (mp_code,mp_name) values (?,?)");

p.setString(1,mpcode_tf.getText());

p.setString(2,mpname_tf.getText());

p.executeUpdate();

p=con.prepareStatement("update main_product set prd_lref=0");

p.executeUpdate();

st=con.prepareStatement("update status_master set last_prd=?");

st.setInt(1, ctr);

st.executeUpdate();

ctr++;

JOptionPane.showMessageDialog(this,"Successfully row inserted","Entry

form",JOptionPane.INFORMATION_MESSAGE);

submit_bt.setEnabled(false);

}

}

}

} catch (SQLException ex) {

Logger.getLogger(MainProductMaster.class.getName()).log(Level.SEVERE, null, ex);

}

private void next_btActionPerformed(java.awt.event.ActionEvent evt) {

mpcode_tf.setText("");

mpname_tf.setText("");

mpname_tf.requestFocus();

create();
```



```
submit_bt.setEnabled(true);

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(MainProductMaster.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(MainProductMaster.class.getName()).log(Level.SEVERE, null, ex);

    }

}

// Variables declaration - do not modify

private javax.swing.JButton home_bt;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel9;

private javax.swing.JTextField mpcode_tf;

private javax.swing.JTextField mpname_tf;

private javax.swing.JButton next_bt;

private javax.swing.JButton submit_bt;

// End of variables declaration

}
```

RATE FILE ENTRY FORM

```
package sudhamilk;

import java.awt.Image;

import java.sql.Connection;
```



```
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class RateFile extends javax.swing.JFrame {
Connection con;
PreparedStatement p,p1;
ResultSet rs,rs1;
int ctr;
boolean fl=false;
String str,mp_name,s;
MainFrame2 m;
int a;
public RateFile(int a) throws SQLException, ClassNotFoundException {
    initComponents();
    this.a=a;
    this.setLocationRelativeTo(null);
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
    this.setIconImage(img2.getImage());
    this.getRootPane().setDefaultButton(submit_bt);
    con=ConnDb.conLink();
    ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),
),home_bt.getHeight(),Image.SCALE_DEFAULT));
    home_bt.setIcon(img);
    p=con.prepareStatement("select mp_code,mp_name from main_product");

```



```
rs=p.executeQuery();

while(rs.next())
{
    if(ctr==0)
        lab.setText(rs.getString(2));

    mpcode_cmb.addItem(rs.getString(1));
    ctr++;
}

fl=true;
}

public void disp() throws SQLException
{
    p=con.prepareStatement("select prd_lref from main_product where upper(mp_code)=?");
    p.setString(1,(String)mpcode_cmb.getSelectedItem());
    rs=p.executeQuery();
    rs.next();
    s="0"+(rs.getInt(1)+1);
    str=(String)mpcode_cmb.getSelectedItem()+s;
    pcode_tf.setText(str);
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
}
```



```
jLabel5 = new javax.swing.JLabel();  
jLabel6 = new javax.swing.JLabel();  
jLabel7 = new javax.swing.JLabel();  
PCODE_tf = new javax.swing.JTextField();  
P_name_tf = new javax.swing.JTextField();  
Field_name_tf = new javax.swing.JTextField();  
MRP_tf = new javax.swing.JTextField();  
Retailer_com_tf = new javax.swing.JTextField();  
Submit_bt = new javax.swing.JButton();  
Cancel_bt = new javax.swing.JButton();  
Lab = new javax.swing.JLabel();  
MPCODE_cmb = new javax.swing.JComboBox<>();  
jLabel9 = new javax.swing.JLabel();  
Date = new javax.swing.JComboBox<>();  
Mon = new javax.swing.JComboBox<>();  
Year = new javax.swing.JComboBox<>();  
Lab1 = new javax.swing.JLabel();  
Lab2 = new javax.swing.JLabel();  
Lab3 = new javax.swing.JLabel();  
Home_bt = new javax.swing.JButton();  
jLabel10 = new javax.swing.JLabel();  
PACK_SIZE_cmb = new javax.swing.JComboBox<>();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Rate Master Form");  
setResizable(false);  
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel1.setText("PRODUCT CODE");  
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```



```
jLabel2.setText("ENTER PACK SIZE");

jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel3.setText("ENTER PRODUCT NAME");

jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel4.setText("ENTER FEILD NAME");

jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel5.setText("ENTER MRP");

jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel6.setText("ENTER RETAILER COMMISSION");

jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel7.setText("ENTER EFFECTIVE DATE");

PCODE_tf.setEditable(false);

PCODE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

P_name_tf.setEditable(false);

P_name_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

P_name_tf.addFocusListener(new java.awt.event.FocusAdapter() {

    public void focusLost(java.awt.event.FocusEvent evt) {

        P_name_tfFocusLost(evt);

    }    });

P_name_tf.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        P_name_tfActionPerformed(evt);

    }    });

FIELD_name_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

MRP_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

MRP_tf.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyTyped(java.awt.event.KeyEvent evt) {

        MRP_tfKeyTyped(evt);
```



```
    }    });

retailer_com_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

retailer_com_tf.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyTyped(java.awt.event.KeyEvent evt) {

        retailer_com_tfKeyTyped(evt);

    }    });

submit_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

submit_bt.setText("SUBMIT");

submit_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        submit_btActionPerformed(evt);

    }    });

cancel_bt.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

cancel_bt.setText("NEXT");

cancel_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        cancel_btActionPerformed(evt);

    }    });

lab.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

lab.setForeground(new java.awt.Color(153, 0, 0));

lab.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

mpcode_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

mpcode_cmb.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        mpcode_cmbActionPerformed(evt);

    }    });

jLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
```



```
jLabel9.setText("PRODUCT CODE");

date.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

date.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3", "4",
"5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
"23", "24", "25", "26", "27", "28", "29", "30", "31", " " }));

date.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        dateActionPerformed(evt);

    }    });

mon.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

mon.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3", "4",
"5", "6", "7", "8", "9", "10", "11", "12" }));

mon.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        monActionPerformed(evt);

    }    });

year.setFont(new java.awt.Font("Bookman Old Style", 1, 13)); // NOI18N

year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2018", "2019",
"2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031",
"2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",
"2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055"
}));

year.addFocusListener(new java.awt.event.FocusAdapter() {

    public void focusLost(java.awt.event.FocusEvent evt) {

        yearFocusLost(evt);

    }    });

year.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        yearActionPerformed(evt);

    }    });


```



```
    }    });

lab1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

lab1.setForeground(new java.awt.Color(255, 0, 0));

lab2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

lab2.setForeground(new java.awt.Color(255, 0, 0));

lab2.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyTyped(java.awt.event.KeyEvent evt) {

        lab2KeyTyped(evt);

    }    });

lab3.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

lab3.setForeground(new java.awt.Color(255, 0, 0));

home_bt.setBorder(null);

home_bt.setBorderPainted(false);

home_bt.setContentAreaFilled(false);

home_bt.setFocusPainted(false);

home_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        home_btActionPerformed(evt);

    }    });

jLabel10.setFont(new java.awt.Font("Sitka Text", 1, 28)); // NOI18N

jLabel10.setText("RATE MASTER");

pack_size_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "200",
"500", "1000" }));

pack_size_cmb.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        pack_size_cmbActionPerformed(evt);

    }    });

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
```



```
getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addGroup(layout.createSequentialGroup()
                .addGap(54, 54, 54)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                    .addGroup(layout.createSequentialGroup()
                        .addGap(24, 24, 24)
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE, 80, javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addGap(8, 8, 8)
                                .addComponent(preferredGap, javax.swing.LayoutStyle.ComponentPlacement.RELATED))
                            .addComponent(componentPlacement, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(mon, 0, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addGap(8, 8, 8)
                        .addComponent(preferredGap, javax.swing.LayoutStyle.ComponentPlacement.RELATED)))
                .addGap(54, 54, 54)
            ).addGap(54, 54, 54)
        ).addGap(54, 54, 54)
    ).addGap(54, 54, 54)
).addGap(54, 54, 54)
```



```
.addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE, 80,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(lab1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(lab2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(lab3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(retailer_com_tf)

.addComponent(mrp_tf)

.addComponent(field_name_tf)

.addComponent(p_name_tf)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(pcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 291,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pack_size_cmb, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(0, 0, Short.MAX_VALUE)))))

.addGroup(layout.createSequentialGroup()

.addGap(77, 77, 77)

.addComponent(jLabel9, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGap(18, 18, 18)

.addComponent(mpcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 104,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(27, 27, 27)

.addComponent(lab, javax.swing.GroupLayout.PREFERRED_SIZE, 186,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(19, 19, 19))
```



```
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()

.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 227,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(156, 156, 156))

.addGap(54, 54, 54)

.addGroup(layout.createSequentialGroup()

.addGap(184, 184, 184)

.addComponent(submit_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 102,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(87, 87, 87)

.addComponent(cancel_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 102,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{pack_size_cmb, pcode_tf});

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(30, 30, 30))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
)
```



```
.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(lab, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(mpcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

.addComponent(pcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 37,
Short.MAX_VALUE)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(pack_size_cmb, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(4, 4, 4)

.addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 16,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(p_name_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(field_name_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(mrp_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(2, 2, 2)

.addComponent(lab2, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(retailer_com_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(2, 2, 2)

.addComponent(lab3, javax.swing.GroupLayout.PREFERRED_SIZE, 16,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(27, 27, 27)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(submit_bt, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(cancel_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(0, 23, Short.MAX_VALUE))

);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {date,
field_name_tf, mon, mrp_tf, p_name_tf, pack_size_cmb, pcode_tf, retailer_com_tf, year});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel2,
jLabel3, jLabel4, jLabel5, jLabel6, jLabel7});

pack();

}// </editor-fold>

private void submit_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

if((pack_size_cmb.getSelectedItem().toString().length()==0) ||
(p_name_tf.getText().length()==0) || (field_name_tf.getText().length()==0) ||
(pcode_tf.getText().length()==0) || (mrp_tf.getText().length()==0) ||
(retailer_com_tf.getText().length()==0) || (date.getSelectedItem().toString().length()==0) ||
(mon.getSelectedItem().toString().length()==0) || (year.getSelectedItem().toString().length()==0) )

{

JOptionPane.showMessageDialog(this,"You Can't Skip To Enter Any Field , All Fields Are
Mandatory To be Filled");

```



```
mpcode_cmb.requestFocus();

}

else{

String str="""+date.getSelectedItem()+"-"+mon.getSelectedItem()+"-"+year.getSelectedItem();

p=con.prepareStatement("insert into rate_file values(?,?,?,?,?,?)");

p.setString(1,pcode_tf.getText());

p.setString(2,p_name_tf.getText());

p.setString(3,field_name_tf.getText());

p.setString(4,pack_size_cmb.getSelectedItem().toString());

p.setInt(5,Integer.parseInt(mrp_tf.getText()));

p.setString(6,retailer_com_tf.getText());

p.setString(7,str);

p.executeUpdate();

p1=con.prepareStatement("select prd_lref from main_product where upper(mp_code)=?");

p1.setString(1,(String)mpcode_cmb.getSelectedItem());

rs1=p1.executeQuery();

rs1.next();

p=con.prepareStatement("update main_product set prd_lref=? where upper(mp_code)=?");

p.setInt(1, rs.getInt(1)+1);

p.setString(2,(String)mpcode_cmb.getSelectedItem());

p.executeUpdate();

JOptionPane.showMessageDialog(this,"Your record has entered successfully","Successful Insertion",JOptionPane.INFORMATION_MESSAGE);

submit_bt.setEnabled(false);}

} catch (SQLException ex) {

JOptionPane.showMessageDialog(this,"insert query is uncessful","Entry Problem",JOptionPane.ERROR_MESSAGE);

}

}
```



```
private void mpcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {  
    if(f1)  
    {  
        try {  
            p=con.prepareStatement("select mp_name from main_product where upper(mp_code)=?");  
            p.setString(1,(String)mpcode_cmb.getSelectedItem());  
            rs=p.executeQuery();  
            rs.next();  
            mp_name=rs.getString(1);  
            lab.setText(mp_name);  
            disp();  
            pack_size_cmb.requestFocus();  
        } catch (SQLException ex) {  
            Logger.getLogger(RateFile.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
}  
  
private void cancel_btActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        pcode_tf.setText("");  
        p_name_tf.setText("");  
        pack_size_cmb.setSelectedIndex(0);  
        mrp_tf.setText("");  
        field_name_tf.setText("");  
        retailer_com_tf.setText("");  
        date.setSelectedIndex(0);  
        mon.setSelectedIndex(0);  
        year.setSelectedIndex(0);  
    }  
}
```



```
disp();

pack_size_cmb.requestFocus();

submit_bt.setEnabled(true);

} catch (SQLException ex) {

Logger.getLogger(RateFile.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void monActionPerformed(java.awt.event.ActionEvent evt) {

year.requestFocus();

}

private void mrp_tfKeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if(!(Character.isDigit(ch)|| (ch==46)))

{

lab2.setText("Only digits and decimals are allowed!");

evt.consume();

}

}

private void retailer_com_tfKeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if(!(Character.isDigit(ch)|| (ch==46)))

{

lab3.setText("Only digits and decimals are allowed!");

evt.consume();

}

}

private void dateActionPerformed(java.awt.event.ActionEvent evt) {

mon.requestFocus();

}
```



```
private void home_btActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
    try {  
        new MainFrame1(a).setVisible(true);  
    } catch (SQLException ex) {  
        Logger.getLogger(RateFile.class.getName()).log(Level.SEVERE, null, ex);  
    } catch (ClassNotFoundException ex) {  
        Logger.getLogger(RateFile.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
private void p_name_tfActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}  
  
private void p_name_tffocusLost(java.awt.event.FocusEvent evt) {  
try {  
    p1=con.prepareStatement("select prd_name from rate_file");  
    rs1=p1.executeQuery();  
    while(rs1.next()){  
        if(rs1.getString(1).equalsIgnoreCase(p_name_tf.getText()))  
        {  
            JOptionPane.showMessageDialog(this,"Product allready Exists!!");  
            pack_size_cmb.setSelectedIndex(0);  
            p_name_tf.setText("");  
            pack_size_cmb.requestFocus();  
        }  
    }  
} catch (SQLException ex) {  
    Logger.getLogger(RateFile.class.getName()).log(Level.SEVERE, null, ex);  
}
```



```
}

}

private void pack_size_cmbActionPerformed(java.awt.event.ActionEvent evt) {

    lab1.setText("Pack Size Should Be In Mili Liters!");

    if(((pack_size_cmb.getSelectedItem().toString().equalsIgnoreCase("500")) ||
(pack_size_cmb.getSelectedItem().toString().equalsIgnoreCase("1000")) ||
(pack_size_cmb.getSelectedItem().toString().equalsIgnoreCase("200")))){

        str=pack_size_cmb.getSelectedItem().toString();

        p_name_tf.setText(mp_name+"_"+str);

    }

}

// Variables declaration - do not modify

private javax.swing.JButton cancel_bt;

javax.swing.JComboBox<String> date;

private javax.swing.JTextField field_name_tf;

private javax.swing.JButton home_bt;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel9;

private javax.swing.JLabel lab;

private javax.swing.JLabel lab1;

private javax.swing.JLabel lab2;

private javax.swing.JLabel lab3;
```



```
javax.swing.JComboBox<String> mon;  
private javax.swing.JComboBox<String> mpcode_cmb;  
private javax.swing.JTextField mrp_tf;  
private javax.swing.JTextField p_name_tf;  
private javax.swing.JComboBox<String> pack_size_cmb;  
private javax.swing.JTextField pcode_tf;  
private javax.swing.JTextField retailer_com_tf;  
private javax.swing.JButton submit_bt;  
javax.swing.JComboBox<String> year;  
// End of variables declaration  
}
```

CARD TRANSACTION FORM

```
package sudhamilk;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
public class CardTransaction1 extends javax.swing.JFrame {  
    Connection con;  
    PreparedStatement s;  
    ResultSet rs;
```



```
boolean flag=false;

int a;

public CardTransaction1(int a) throws SQLException, ClassNotFoundException {

    initComponents();

    con=ConnDb.conLink();

    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

    this.setIconImage(img2.getImage());

    s=con.prepareStatement("select ret_cod from retailer_master");

    rs=s.executeQuery();

    while(rs.next())

    {

        rcode_cmb.addItem(rs.getString(1));

    }

    flag=true;

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    jLabel1 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    zcode_tf = new javax.swing.JTextField();

    jLabel4 = new javax.swing.JLabel();

    rroute_tf = new javax.swing.JTextField();

    jLabel5 = new javax.swing.JLabel();

    jLabel6 = new javax.swing.JLabel();

    jLabel7 = new javax.swing.JLabel();

    jLabel8 = new javax.swing.JLabel();

    amt_rec_tf = new javax.swing.JTextField();

}
```



```
jLabel9 = new javax.swing.JLabel();  
amt_ref_tf = new javax.swing.JTextField();  
rshift_cmb = new javax.swing.JComboBox<>();  
date = new javax.swing.JComboBox<>();  
mon = new javax.swing.JComboBox<>();  
year = new javax.swing.JComboBox<>();  
date1 = new javax.swing.JComboBox<>();  
mon1 = new javax.swing.JComboBox<>();  
year1 = new javax.swing.JComboBox<>();  
rcode_cmb = new javax.swing.JComboBox<>();  
lab1 = new javax.swing.JLabel();  
jLabel10 = new javax.swing.JLabel();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setLocation(new java.awt.Point(300, 20));  
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel1.setText("Ret Code");  
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel3.setText("Zone Code");  
zcode_tf.setEditable(false);  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel4.setText("Route No.");  
rroute_tf.setEditable(false);  
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel5.setText("Supply Shift");
```



```
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel6.setText("Supply_From");
jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel7.setText("Supply To");
jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel8.setText("Amt Received");
amt_rec_tf.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        amt_rec_tfKeyTyped(evt);
    }
});
jLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel9.setText("Amt Refernce");
amt_ref_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        amt_ref_tfFocusLost(evt);
    }
});
rshift_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "mrng", "evng" }));
rshift_cmb.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusGained(java.awt.event.FocusEvent evt) {
        rshift_cmbFocusGained(evt);
    }
});
date.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", " " }));
```



```
mon.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "01", "02", "03",
"04", "05", "06", "07", "08", "09", "10", "11", "12 " }));

mon.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        monActionPerformed(evt);

    }   });

year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2018", "2019",
"2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031",
"2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",
"2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055"
}));

year.addFocusListener(new java.awt.event.FocusAdapter() {

    public void focusLost(java.awt.event.FocusEvent evt) {

        yearFocusLost(evt);

    }   });

year.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        yearActionPerformed(evt);

    }   });

date1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "01", "02", "03",
"04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20",
"21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", " ", " " }));

mon1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "01", "02", "03",
"04", "05", "06", "07", "08", "09", "10", "11", "12 " }));

mon1.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        mon1ActionPerformed(evt);

    }   });

year1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2018", "2019",
"2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031",
"2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",
```



```
"2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055"
}));  
  
    year1.addFocusListener(new java.awt.event.FocusAdapter() {  
  
        public void focusLost(java.awt.event.FocusEvent evt) {  
  
            year1FocusLost(evt);  
        }    });  
  
    year1.addActionListener(new java.awt.event.ActionListener() {  
  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
            year1ActionPerformed(evt);  
        }    });  
  
    rcode_cmb.addActionListener(new java.awt.event.ActionListener() {  
  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
            rcode_cmbActionPerformed(evt);  
        }    });  
  
    jLabel10.setFont(new java.awt.Font("Sitka Text", 1, 24)); // NOI18N  
  
    jLabel10.setText("CARD TRANSACTION");  
  
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
  
    getContentPane().setLayout(layout);  
  
    layout.setHorizontalGroup(  
  
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addGroup(layout.createSequentialGroup()  
  
. addGap(20, 20, 20)  
  
. addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
. addGroup(layout.createSequentialGroup()  
  
. addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 99,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 89,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(25, 25, 25)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 121,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(rcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 54,
Short.MAX_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 120,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lab1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(amt_rec_tf))

.addGap(35, 35, 35)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(amt_ref_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 176,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(10, 10, 10)

.addComponent(date1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(mon1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(year1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rshift_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 143,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 143,
javax.swing.GroupLayout.PREFERRED_SIZE))))
```



```
.addGap(76, 76, 76))

.addGroup(layout.createSequentialGroup()

.addGap(221, 221, 221)

.addComponent(jLabel10)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{rcode_cmb, rroute_tf});

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(rcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(20, 20, 20)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(rshift_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
    javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(20, 20, 20)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(date1, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(mon1, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(year1, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(20, 20, 20)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(amt_ref_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(amt_rec_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
    javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(lab1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {amt_rec_tf,
amt_ref_tf, date, date1, mon, mon1, rcode_cmb, rroute_tf, rshift_cmb, year, year1, zcode_tf});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8, jLabel9});

pack();
}// </editor-fold>

private void amt_ref_tfFocusLost(java.awt.event.FocusEvent evt) {

try {
    new CardTransaction2(this,a).setVisible(true);
} catch (SQLException ex) {
    Logger.getLogger(CardTransaction1.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(CardTransaction1.class.getName()).log(Level.SEVERE, null, ex);
}
}

private void rcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {
if(flag)
{
    String str="""+rcode_cmb.getSelectedItem();
if(str.length()==0)
{
    JOptionPane.showMessageDialog(this,"Retailer code must not be empty!");
    rcode_cmb.requestFocus();
}
else
```



```
rshift.cmb.requestFocus();

try {

    s=con.prepareStatement("select z_code,route_no from retailer_master where
upper(ret_cod)=?");

    s.setString(1,rcode_cmb.getSelectedItem().toString().toUpperCase());

    rs=s.executeQuery();

    rs.next();

    zcode_tf.setEditable(true);

    zcode_tf.setText(rs.getString(1));

    System.out.print(rs.getString(1));

    rroute_tf.setEditable(true);

    rroute_tf.setText(rs.getString(2));

} catch (SQLException ex) {

    Logger.getLogger(CardTransaction1.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

private void amt_rec_tfKeyTyped(java.awt.event.KeyEvent evt) {

    char ch=evt.getKeyChar();

    if(!(Character.isDigit(ch) || (ch==46)))

    {

        lab1.setText("Only digits and decimals are allowed!");

        evt.consume();

    }

}

// Variables declaration - do not modify

javax.swing.JTextField amt_rec_tf;

javax.swing.JTextField amt_ref_tf;
```



```
javax.swing.JComboBox<String> date;
javax.swing.JComboBox<String> date1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JLabel lab1;
javax.swing.JComboBox<String> mon;
javax.swing.JComboBox<String> mon1;
javax.swing.JComboBox<String> rcode_cmb;
javax.swing.JTextField rroute_tf;
public javax.swing.JComboBox<String> rshift_cmb;
javax.swing.JComboBox<String> year;
javax.swing.JComboBox<String> year1;
javax.swing.JTextField zcode_tf;
// End of variables declaration
}
```

```
package sudhamilk;
import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class CardTransaction2 extends javax.swing.JFrame {

    Connection con;
    PreparedStatement p,s;
    CardTransaction1 c;
    ResultSet rs;
    String str1,str;
    int p_value=0,p_qty=0,p_rate=0,tm_value=0,amt_rcv=0,bal_amt=0,sh_amt=0,a; boolean
fl=false,flag=false,ctr=false,fl2=true;

    public CardTransaction2(CardTransaction1 cd,int a) throws SQLException,
ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        c=cd;
        this.a=a;
        amt_rcv=Integer.parseInt(cd.amt_rec_tf.getText());
        p=con.prepareStatement("select prd_code,prd_name from rate_file");
        rs=p.executeQuery();
        ImageIcon img=new ImageIcon(new
        ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),
        home_bt.getHeight(),Image.SCALE_DEFAULT));
        home_bt.setIcon(img);
        while(rs.next())
```



```
{  
    str="""+rs.getString(1)+","+rs.getString(2);  
    pcode_cmb.addItem(str);  
}  
flag=true;  
}  
  
public void cal()  
{  
    p_value=p_qty*p_rate;  
    tm_value=tm_value+p_value;  
    bal_amt=amt_rcv-tm_value;  
    pvalue_tf.setEditable(true);  
    pvalue_tf.setText("""+p_value);  
    tmilk_value_tf.setEditable(true);  
    tmilk_value_tf.setText("""+tm_value);  
    bal_amt_tf.setEditable(true);  
    bal_amt_tf.setText("""+bal_amt);  
    sh_amt=bal_amt;  
}  
  
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {  
    jLabel1 = new javax.swing.JLabel();  
    jLabel2 = new javax.swing.JLabel();  
    pname_tf = new javax.swing.JTextField();  
    jLabel3 = new javax.swing.JLabel();  
    pqty_tf = new javax.swing.JTextField();  
    jLabel4 = new javax.swing.JLabel();
```



```
prate_tf = new javax.swing.JTextField();

jLabel5 = new javax.swing.JLabel();

pvalue_tf = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

tmilk_value_tf = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

bal_amt_tf = new javax.swing.JTextField();

PCODE_cmb = new javax.swing.JComboBox<>();

lab1 = new javax.swing.JLabel();

lab2 = new javax.swing.JLabel();

home_bt = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

setTitle("Card Transaction 2nd Form");

setLocation(new java.awt.Point(300, 320));

setResizable(false);

addWindowFocusListener(new java.awt.event.WindowFocusListener() {

    public void windowGainedFocus(java.awt.event.WindowEvent evt) {

        formWindowGainedFocus(evt);

    }

    public void windowLostFocus(java.awt.event.WindowEvent evt) {

    }

});

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel1.setText("Prd Name & Code");

jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel2.setText("Product Name");

pname_tf.setEditable(false);

jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel3.setText("Product Quantity");
```



```
pqty_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        pqty_tfFocusLost(evt);  
    }});  
  
pqty_tf.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyTyped(java.awt.event.KeyEvent evt) {  
        pqty_tfKeyTyped(evt);  
    }});  
  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel4.setText("Product Rate");  
  
prate_tf.setEditable(false);  
  
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel5.setText("Product Value");  
  
pvalue_tf.setEditable(false);  
  
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel6.setText("Total Milk Value");  
  
tmilk_value_tf.setEditable(false);  
  
jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel7.setText("Balance Amount");  
  
bal_amt_tf.setEditable(false);  
  
PCODE_cmb.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        PCODE_cmbActionPerformed(evt);  
    }});  
  
home_bt.setBorder(null);  
  
home_bt.setBorderPainted(false);  
  
home_bt.setContentAreaFilled(false);  
  
home_bt.setFocusPainted(false);
```



```
home_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        home_btActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(20, 20, 20)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(0, 0, Short.MAX_VALUE)))
                .addGapPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                    .addComponent(pname_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 153,
Short.MAX_VALUE)
                    .addComponent(pcode_cmb, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)))
                .addGapGap(70, 70, 70)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 125,
javax.swing.GroupLayout.PREFERRED_SIZE)

```



```
.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(18, 18, 18))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addComponent(lab2, javax.swing.GroupLayout.PREFERRED_SIZE, 235,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(182, 182, 182)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 154,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap()

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addComponent(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 144,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 154,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(30, 30, 30)))))

.addGroup(layout.createSequentialGroup()

.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(99, 99, 99)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```



```
.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel7, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 146, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(pvalue_tf)
.addComponent(tmilk_value_tf)
.addComponent(bal_amt_tf))

.addGap(153, 153, 153))

);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{pname_tf, pqty_tf, prate_tf});

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(pcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 11,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(1, 1, 1)
.addComponent(lab2, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(135, 135, 135)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(bal_amt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(23, 23, 23)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGroup(layout.createSequentialGroup()
    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(21, 21, 21)
    .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(layout.createSequentialGroup()
        .addComponent(pvalue_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(20, 20, 20)
        .addComponent(tmilk_value_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addContainerGap(75, Short.MAX_VALUE))))
);
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {PCODE_CMB,
PNAME_TF, PQTY_TF, PRATE_TF});
pack();
}// </editor-fold>
private void pqty_tfFocusLost(java.awt.event.FocusEvent evt) {
try {
if(f1)
{
p_qty=Integer.parseInt(pqty_tf.getText());
p=con.prepareStatement("select prd_name,mrp,ret_comisn from rate_file where
upper(prd_code)=?");
p.setString(1,str1.toUpperCase());
rs=p.executeQuery();
rs.next();
pname_tf.setText(rs.getString(1));
int mrp=Integer.parseInt(rs.getString(2));
}
}
}
```



```
p_rate=mrp-(Integer.parseInt(rs.getString(3)));

prate_tf.setText(""+p_rate);

cal();

amt_rcv=bal_amt;

String str="" +c.date.getSelectedItem()+"-"+c.mon.getSelectedItem()+"-
"+c.year.getSelectedItem();

String str2="" +c.date1.getSelectedItem()+"-"+c.mon1.getSelectedItem()+"-
"+c.year1.getSelectedItem();

if(bal_amt<p_value){

    JOptionPane.showMessageDialog(this,"Balance Amount is greater than Product
value,Please reduce the Product Quantity!");

    this.dispose();

    c.dispose();

    new CardTransaction1(a).setVisible(true);

}

else{

    p=con.prepareStatement("insert into card_transaction
(ret_code,z_code,route_no,shift,supply_from,supply_to,amt_rcv,amt_ref,prd_code,prd_qty,prd_name,
prd_rate,prd_value) values (?,?,?,?,?,?,?,?,?,?,?,?,?,?)");

    p.setString(1,(String)c.rcode_cmb.getSelectedItem());

    p.setString(2,c.zcode_tf.getText());

    p.setString(3,c.rroute_tf.getText());

    p.setString(4,(String)c.rshift_cmb.getSelectedItem());

    p.setString(5,str);

    p.setString(6,str2);

    p.setInt(7,Integer.parseInt(c.amt_rec_tf.getText()));

    p.setString(8,c.amt_ref_tf.getText());

    p.setString(9,str1);

    p.setInt(10,Integer.parseInt(pqty_tf.getText()));

}
```



```
p.setString(11,pname_tf.getText());  
p.setInt(12,Integer.parseInt(prate_tf.getText()));  
p.setInt(13,Integer.parseInt(pvalue_tf.getText()));  
p.executeUpdate();  
  
System.out.print(str1);  
  
int r=JOptionPane.showConfirmDialog(null,"Do You Want To Enter More  
Products","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);  
  
if (r==0)  
{  
    fl2=false;  
    pcode_cmb.setSelectedIndex(-1);  
    //ctr=false;  
    pqty_tf.setText("");  
    pname_tf.setText("");  
    prate_tf.setText("");  
    pvalue_tf.setText("");  
    tmilk_value_tf.setText("");  
    bal_amt_tf.setText("");  
    fl2=true;  
    pcode_cmb.requestFocus();  
}  
else  
{  
    r=JOptionPane.showConfirmDialog(null,"Do You Want To Enter For Next  
Retailer","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);  
    if (r==0)  
    {  
        p=con.prepareStatement("update card_transaction set sh_ex_amt=? where  
upper(prd_code)=? and upper(ret_code)=?");  
    }  
}
```



```
p.setInt(1,bal_amt);

p.setString(2,str1.toUpperCase());

p.setString(3,c.rcode_cmb.getSelectedItem().toString().toUpperCase());

p.executeUpdate();

this.dispose();

c.rcode_cmb.setSelectedIndex(0);

c.zcode_tf.setText("");

c.rroute_tf.setText("");

c.rshift_cmb.setSelectedItem("");

c.date.setSelectedIndex(0);

c.mon.setSelectedIndex(0);

c.year.setSelectedIndex(0);

c.date1.setSelectedIndex(0);

c.mon1.setSelectedIndex(0);

c.year1.setSelectedIndex(0);

c.amt_rec_tf.setText("");

c.amt_ref_tf.setText("");

c.rcode_cmb.requestFocus();

sh_amt=0;

bal_amt=0;

}

else

{

    p=con.prepareStatement("update card_transaction set sh_ex_amt=? where
upper(prd_code)=? and upper(ret_code)=?");

    p.setInt(1,bal_amt);

    p.setString(2,str1.toUpperCase());

    p.setString(3,c.rcode_cmb.getSelectedItem().toString().toUpperCase());
```



```
        p.executeUpdate();

        this.dispose();

        c.dispose();

    }

}

}

} catch (SQLException ex) {

    Logger.getLogger(CardTransaction2.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(CardTransaction2.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void formWindowGainedFocus(java.awt.event.WindowEvent evt) {

    pcode_cmb.requestFocus();

}

private void pcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        ctr=false;

        if(flag&&fl2){

            str1=pcode_cmb.getSelectedItem().toString().substring(0,5);

            lab2.setText("Product code of selected item is:"+ str1);

            p=con.prepareStatement("select distinct prd_code from card_transaction where upper(ret_code)=?");

            p.setString(1,c.rcode_cmb.getSelectedItem().toString().toUpperCase());

            rs=p.executeQuery();

            //System.out.println("HELLO");

            while(rs.next()){

                if(rs.getString(1).equalsIgnoreCase(str1))
```



```
{  
    ctr=true; break;  
}  
  
else  
  
    ctr=false;}  
  
if(ctr)  
{  
  
    JOptionPane.showMessageDialog(this, "Product Code Already Exists,plz go to update  
section!","Information Message",JOptionPane.INFORMATION_MESSAGE);  
  
    int r=JOptionPane.showConfirmDialog(this,"Do You Want To  
Continue","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);  
  
    if(r==0)  
{  
  
        pcode_cmb.setSelectedIndex(-1);  
  
        pcode_cmb.requestFocus();  
  
        p=con.prepareStatement("select sh_ex_amt from card_transaction where  
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);  
  
        p.setString(1,c.rcode_cmb.getSelectedItem().toString().toUpperCase());  
  
        rs=p.executeQuery();  
  
        rs.last();  
  
        amt_rcv=amt_rcv+rs.getInt(1);  
  
        p=con.prepareStatement("update card_transaction set sh_ex_amt=? where  
upper(prd_code)=? and upper(ret_code)=?");  
  
        p.setInt(1,0);  
  
        p.setString(2,str1.toUpperCase());  
  
        p.setString(3,c.rcode_cmb.getSelectedItem().toString().toUpperCase());  
  
        p.executeUpdate();  
  
        fl=true;  
    }  
}
```



```
else{
    this.dispose();
    c.dispose();}
} else
{
    p=con.prepareStatement("select sh_ex_amt from card_transaction where
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

    p.setString(1,c.rcode_cmb.getSelectedItem().toString().toUpperCase());

    rs=p.executeQuery();

    if(rs.last())
    {
        System.out.print(rs.getInt(1));

        amt_rcv=amt_rcv+rs.getInt(1);

        p=con.prepareStatement("update card_transaction set sh_ex_amt=? where
upper(ret_code)=?");

        p.setInt(1,0);

        p.setString(2,c.rcode_cmb.getSelectedItem().toString().toUpperCase());

        p.executeUpdate();

        fl=true;
    } fl=true;
}

fl=true;

}fl=true;

}catch (SQLException ex) {
    Logger.getLogger(CardTransaction2.class.getName()).log(Level.SEVERE, null, ex);
}

private void pqty_tfKeyTyped(java.awt.event.KeyEvent evt) {
    char ch=evt.getKeyChar();

    if(!(Character.isDigit(ch)))
```



```
{  
    lab1.setText("Only digits are allowed!");  
    evt.consume();}  
  
}  
  
private void home_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
    this.dispose();  
  
    try {  
  
        new MainFrame1(a).setVisible(true);  
    } catch (SQLException ex) {  
  
        Logger.getLogger(CardTransaction2.class.getName()).log(Level.SEVERE, null, ex);  
    } catch (ClassNotFoundException ex) {  
  
        Logger.getLogger(CardTransaction2.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JTextField bal_amt_tf;  
private javax.swing.JButton home_bt;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel lab1;  
private javax.swing.JLabel lab2;  
private javax.swing.JComboBox<String> pcode_cmb;  
private javax.swing.JTextField pname_tf;
```



```
private javax.swing.JTextField pqty_tf;
private javax.swing.JTextField prate_tf;
private javax.swing.JTextField pvalue_tf;
private javax.swing.JTextField tmilk_value_tf;
// End of variables declaration
}
```

DEMAND ENTRY FORM

```
package sudhamilk;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.text.SimpleDateFormat;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class DemandTable1 extends javax.swing.JFrame {
    Connection con;
    PreparedStatement s,p;
    ResultSet rs,rs1;
    int a;
    public DemandTable1(int a) throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
    }
}
```



```
this.a=a;

//date.setEnabled(false);

mon.setEnabled(false);

year.setEnabled(false);

p=con.prepareStatement("update temp set a=?,b=?,c=?,d=?");

p.setInt(1,0);

p.setInt(2,0);

p.setInt(3,0);

p.setInt(4,0);

p.executeUpdate();

p=con.prepareStatement("select supp_shift from status_master");

rs1=p.executeQuery();

rs1.next();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    jLabel5 = new javax.swing.JLabel();

    jLabel6 = new javax.swing.JLabel();

    sshift_cmb = new javax.swing.JComboBox<>();

    date = new javax.swing.JComboBox<>();

    mon = new javax.swing.JComboBox<>();

    year = new javax.swing.JComboBox<>();

    jLabel10 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    setTitle("Demand Table 1st Form");

    setLocation(new java.awt.Point(6, 4));

    setResizable(false);
```



```
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N
jLabel5.setText("SUPPLY SHIFT");
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N
jLabel6.setText("SUPPLY DATE");
sshift.cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N
sshift.cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "mrng",
"evng" }));
sshift.cmb.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        sshift.cmbFocusLost(evt);
    }
});
sshift.cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        sshift.cmbActionPerformed(evt);
    }
});
date.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "01", "02", "03",
"04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20",
"21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", " " }));
date.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        dateActionPerformed(evt);
    }
});
mon.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "01", "02", "03",
"04", "05", "06", "07", "08", "09", "10", "11", "12" }));
mon.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        monActionPerformed(evt);
    }
});
```



```
        year.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2018", "2019",  
"2020", "2021", "2022", "2023", "2024", "2025", "2026", "2027", "2028", "2029", "2030", "2031",  
"2032", "2033", "2034", "2035", "2036", "2037", "2038", "2039", "2040", "2041", "2042", "2043",  
"2044", "2045", "2046", "2047", "2048", "2049", "2050", "2051", "2052", "2053", "2054", "2055"  
}));  
  
        year.addFocusListener(new java.awt.event.FocusAdapter() {  
  
            public void focusLost(java.awt.event.FocusEvent evt) {  
  
                yearFocusLost(evt);  
            }        });  
  
        year.addActionListener(new java.awt.event.ActionListener() {  
  
            public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
                yearActionPerformed(evt);  
            }        });  
  
        jLabel10.setFont(new java.awt.Font("Sitka Text", 1, 28)); // NOI18N  
  
        jLabel10.setText("DEMAND TABLE");  
  
        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
  
        getContentPane().setLayout(layout);  
  
        layout.setHorizontalGroup  
  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(layout.createSequentialGroup()  
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                    .addGroup(layout.createSequentialGroup()  
                        .addGap(45, 45, 45)  
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                            .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,  
                                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
                            .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 166,  
                                Short.MAX_VALUE))  
                        .addGapGap(69, 69, 69)  
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                        .addComponent(layout.createSequentialGroup())  
                    )  
                )  
            )  
        );  
  
        getContentPane().setLayout(layout);  
  
        pack();  
    }// 
```



```
.addComponent(sshift_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 185,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(120, 120, 120)

.addComponent(jLabel10))

.addContainerGap(40, Short.MAX_VALUE))

);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {date,
mon, year});

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(21, 21, 21)

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 63,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(mon, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(year, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(53, 53, 53)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sshift.cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 63,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(35, Short.MAX_VALUE))

);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel5,
jLabel6});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {date, mon,
sshift.cmb, year});

pack();

}// </editor-fold>

private void sshift.cmbActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(!(rs1.getString(1)==null)){

if(!rs1.getString(1).equalsIgnoreCase(sshift.cmb.getSelectedItem().toString().toUpperCase()))

{

new DemandTable2(this,a).setVisible(true);

}

else

{



JOptionPane.showMessageDialog(this,"Need to enter for another shift");

```



```
        sshift.cmb.requestFocus();

    }}

else

{

    if(sshift.cmb.getSelectedItem().toString().toUpperCase().equalsIgnoreCase("MRNG"))

    {

        date.setEnabled(true);

        mon.setEnabled(true);

        year.setEnabled(true);

        new DemandTable2(this,a).setVisible(true);

    }

    else

    {

        JOptionPane.showMessageDialog(this,"Need to enter Mrng Supply");

    }

}

}catch (SQLException ex) {

    Logger.getLogger(DemandTable1.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(DemandTable1.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void dateActionPerformed(java.awt.event.ActionEvent evt) {

    mon.setEnabled(true);

}

private void monActionPerformed(java.awt.event.ActionEvent evt) {

    year.setEnabled(true);

}
```



```
private void yearActionPerformed(java.awt.event.ActionEvent evt) {  
    sshift_cmb.setEnabled(true);  
  
    String str="" +date.getSelectedItem()+"-"+mon.getSelectedItem()+"-"+year.getSelectedItem();  
  
    try {  
  
        s=con.prepareStatement("select to_date(supp_date,'dd/mm/yy')+1 from status_master");  
        rs=s.executeQuery();  
  
        rs.next();  
  
        if(!(rs.getString(1)==null))  
        {  
  
            SimpleDateFormat sf2=new SimpleDateFormat("dd-MM-yyyy");  
  
            System.out.print(sf2.format(rs.getDate(1)));  
  
            System.out.print(str);  
  
            if(str.equalsIgnoreCase(sf2.format(rs.getDate(1))) &&  
rs1.getString(1).equalsIgnoreCase("evng"))  
            {  
  
                System.out.print("same");  
  
                sshift_cmb.requestFocus();  
  
            }  
  
            else  
            { s=con.prepareStatement("select supp_date from status_master");  
  
                rs=s.executeQuery();  
  
                rs.next();  
  
                if(rs.getString(1).equalsIgnoreCase(str)){  
  
                    System.out.print("Different");  
  
                    // JOptionPane.showMessageDialog(this,"last supply date"+str);  
  
                    sshift_cmb.requestFocus();  
  
                }  
  
                else{  
  
            }  
        }  
    }  
}
```



```
 JOptionPane.showMessageDialog(this,"last supply date"+rs.getString(1));  
 sshift.cmb.setEnabled(false);  
 }  
 }  
 }  
 else  
 {  
 sshift.cmb.requestFocus();  
 }  
 }catch (SQLException ex) {  
 Logger.getLogger(DemandTable1.class.getName()).log(Level.SEVERE, null, ex);  
 }  
 }  
  
// Variables declaration - do not modify  
javax.swing.JComboBox<String> date;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
javax.swing.JComboBox<String> mon;  
public javax.swing.JComboBox<String> sshift.cmb;  
javax.swing.JComboBox<String> year;  
// End of variables declaration  
}  
  
}
```

```
package sudhamilk;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class DemandTable2 extends javax.swing.JFrame {

    Connection con;
    PreparedStatement p;
    DemandTable1 dt;
    ResultSet rs;
    boolean flag=false;
    int a;
    public DemandTable2(DemandTable1 dt1,int a) throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        dt=dt1;
        this.a=a;
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        p=con.prepareStatement("select ret_cod from retailer_master");
        rs=p.executeQuery();
        while(rs.next())
        {
            rcode_cmb.addItem(rs.getString(1));
        }
        flag=true;
    }
    @SuppressWarnings("unchecked")
```



```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    rstatus_tf = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    zcode_tf = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    rroute_tf = new javax.swing.JTextField();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    rcode_cmb = new javax.swing.JComboBox<>();
    sdate_tf = new javax.swing.JTextField();
    sshift_tf = new javax.swing.JTextField();
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
    setTitle("Demand Table 2nd Form");
    setLocation(new java.awt.Point(550, 6));
    setResizable(false);
    jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel1.setText("RETAILER CODE");
    jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel2.setText("RETAILER STATUS");
    rstatus_tf.setEditable(false);
    jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel3.setText("ZONE CODE");
    zcode_tf.setEditable(false);
    jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel4.setText("ROUTE NO.");
}
```



```
rroute_tf.setEditable(false);

jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setText("SUPPLY DATE");

jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setText("SUPPLY SHIFT");

rcode_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "CHOOSE" }));
rcode_cmb.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {
        rcode_cmbActionPerformed(evt);
    }
});

sdate_tf.setEditable(false);
sshift_tf.setEditable(false);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(27, 27, 27)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 143,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(rcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 83,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
);
```



```
.addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(sdate_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 123,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 133,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 88,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sshift_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 156,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(rstatus_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 163,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(32, 32, 32))

);
```



```
layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{sdate_tf, zcode_tf});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{rroute_tf, sshift_tf});

layout.setVerticalGroup()

    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(45, 45, 45)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(rstatus_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(rcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(35, 35, 35)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(35, 35, 35)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        )
    )
}
```



```
.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sdate_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sshift_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(45, 45, 45)

);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {rcode_cmb,
rroute_tf, rstatus_tf, sdate_tf, sshift_tf, zcode_tf});

pack();

}// </editor-fold>

private void rcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(flag){

String str="" +dt.date.getSelectedItem()+"-"+dt.mon.getSelectedItem()+"-
"+dt.year.getSelectedItem();

p=con.prepareStatement("select ret_stat,z_code,route_no from retailer_master where
upper(ret_cod)=?");

p.setString(1,rcode_cmb.getSelectedItem().toString().toUpperCase());

rs=p.executeQuery();

if(rs.next())

{

rstatus_tf.setText(rs.getString(1));

zcode_tf.setText(rs.getString(2));

rroute_tf.setText(rs.getString(3));

sdate_tf.setText(str);

sshift_tf.setText(dt.sshift_cmb.getSelectedItem().toString());

```



```
        new DemandTable3(this,rs,dt,a).setVisible(true);  
    }  
}  
}  
}  
  
catch (SQLException ex) {  
    Logger.getLogger(DemandTable2.class.getName()).log(Level.SEVERE, null, ex);  
} catch (ClassNotFoundException ex) {  
    Logger.getLogger(DemandTable2.class.getName()).log(Level.SEVERE, null, ex);  
}  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
javax.swing.JComboBox<String> rcode_cmb;  
javax.swing.JTextField rroute_tf;  
javax.swing.JTextField rstatus_tf;  
javax.swing.JTextField sdate_tf;  
javax.swing.JTextField sshift_tf;  
javax.swing.JTextField zcode_tf;  
  
// End of variables declaration  
  
}  
  
  
package sudhamilk;  
import java.awt.Image;
```



```
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class DemandTable3 extends javax.swing.JFrame {

    Connection con;
    PreparedStatement n,p,r;
    DemandTable2 dt4;
    DemandTable1 dt3;
    ResultSet rs,dt_rs,rs2;
    String str1,str;
    int p_value=0,p_qty=0,p_rate=0,tm_value=0,amt_rcv=0,bal_amt=0,sh_amt=0,d_com=0,a;
    boolean fl=false,flag=false,ctr=false,fl2=true;

    public DemandTable3(DemandTable2 dt2,ResultSet rs,DemandTable1 dt1,int a) throws
SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        dt3=dt1;
        dt4=dt2;
        this.a=a;
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("home.png")).getImage().getScaledInstance(home_bt.getWidth(),
home_bt.getHeight(),Image.SCALE_DEFAULT));
    }
}
```



```
home_bt.setIcon(img);

p=con.prepareStatement("select prd_code,prd_name from rate_file");

rs=p.executeQuery();

while(rs.next())

{

    str="""+rs.getString(1)+" "+rs.getString(2);

    pcode_cmb.addItem(str);

}

flag=true;

}

public void cal()

{

    p_value=p_qty*p_rate;

    tm_value=tm_value+p_value;

    bal_amt=amt_rcv-tm_value;

    milk_value_tf.setText("""+p_value);

    tmilk_value_tf.setText("""+tm_value);

    bal_amt_tf.setText("""+bal_amt);

    sh_amt=bal_amt;

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    jLabel1 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    jLabel4 = new javax.swing.JLabel();

    jLabel5 = new javax.swing.JLabel();

    jLabel6 = new javax.swing.JLabel();
```



```
jLabel7 = new javax.swing.JLabel();  
  
pqty_tf = new javax.swing.JTextField();  
  
prate_tf = new javax.swing.JTextField();  
  
milk_value_tf = new javax.swing.JTextField();  
  
amt_rec_tf = new javax.swing.JTextField();  
  
bal_amt_tf = new javax.swing.JTextField();  
  
PCODE_cmb = new javax.swing.JComboBox<>();  
  
lab2 = new javax.swing.JLabel();  
  
jLabel8 = new javax.swing.JLabel();  
  
tmilk_value_tf = new javax.swing.JTextField();  
  
home_bt = new javax.swing.JButton();  
  
lab1 = new javax.swing.JLabel();  
  
lab3 = new javax.swing.JLabel();  
  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
  
setTitle("Demand Table 3rd Form");  
  
setLocation(new java.awt.Point(250, 340));  
  
setResizable(false);  
  
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel1.setText("PRODUCT CODE");  
  
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel3.setText("PRODUCT QUANTITY");  
  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel4.setText("PRDUCT RATE");  
  
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel5.setText("MILK VALUE");  
  
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
jLabel6.setText("AMOUNT RECEIVED");  
  
jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```



```
jLabel7.setText("BALANCE AMOUNT");

pqty_tf.addFocusListener(new java.awt.event.FocusAdapter() {

    public void focusLost(java.awt.event.FocusEvent evt) {

        pqty_tfFocusLost(evt);

    }    });

pqty_tf.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyTyped(java.awt.event.KeyEvent evt) {

        pqty_tfKeyTyped(evt);

    }    });

prate_tf.setEditable(false);

milk_value_tf.setEditable(false);

amt_rec_tf.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyTyped(java.awt.event.KeyEvent evt) {

        amt_rec_tfKeyTyped(evt);

    }    });

bal_amt_tf.setEditable(false);

PCODE_cmb.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        PCODE_cmbActionPerformed(evt);

    }    });

jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel8.setText("TOTAL MILK VALUE");

tmilk_value_tf.setEditable(false);

home_bt.setBorder(null);

home_bt.setBorderPainted(false);

home_bt.setContentAreaFilled(false);

home_bt.setFocusPainted(false);

home_bt.addActionListener(new java.awt.event.ActionListener() {
```







```
.addComponent(lab2, javax.swing.GroupLayout.PREFERRED_SIZE, 236,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(7, 7, 7))

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(layout.createSequentialGroup()

            .addGap(0, 15, Short.MAX_VALUE)

            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 155,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(18, 18, 18)

            .addComponent(milk_value_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 168,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(layout.createSequentialGroup()

            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 166,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(0, 0, Short.MAX_VALUE)))))

    .addGroup(layout.createSequentialGroup()

        .addGap(157, 157, 157)

        .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 206,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

            .addComponent(lab1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(amt_rec_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 188,
Short.MAX_VALUE))

            .addGap(0, 0, Short.MAX_VALUE)))))

    .addGap(18, 18, 18))

);

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGroup(layout.createSequentialGroup())
    .addContainerGap()
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(amt_rec_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
            javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(pcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 11,
            javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(lab2, javax.swing.GroupLayout.PREFERRED_SIZE, 12,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(lab3, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(milk_value_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
    javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGap(18, 18, 18)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(tmilk_value_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(21, 21, 21)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(bal_amt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
            javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(home_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap())
);
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {PCODE_CMB,
    PRATE_TF});
pack();
}// </editor-fold>
```



```
private void pqty_tfFocusLost(java.awt.event.FocusEvent evt) {  
    try {  
        if(f1)  
        {  
            amt_rcv=Integer.parseInt(amt_rec_tf.getText());  
            r=con.prepareStatement("select distcomisn from distributor_master where  
upper(z_code)=?");  
            r.setString(1,dt4.zcode_tf.getText().toUpperCase());  
            rs2=r.executeQuery();  
            rs2.next();  
            d_com=Integer.parseInt(rs2.getString(1));  
            p_qty=Integer.parseInt(pqty_tf.getText());  
            p=con.prepareStatement("select prd_name,mrp,ret_comisn from rate_file where  
upper(prd_code)=?");  
            p.setString(1,str1.toUpperCase());  
            rs=p.executeQuery();  
            rs.next();  
            int mrp=Integer.parseInt(rs.getString(2));  
            p_rate=mrp-((Integer.parseInt(rs.getString(3))+d_com));  
            prate_tf.setText(""+p_rate);  
            cal();  
            amt_rcv=bal_amt;  
            if(bal_amt<p_value){  
                JOptionPane.showMessageDialog(this,"Balance Amount is greater than Product  
value,Please reduce the Product Quantity!");  
                f12=false;  
                amt_rec_tf.setText("");  
                pcode_cmb.setSelectedIndex(-1);  
                pqty_tf.setText("");  
                prate_tf.setText("");  
            }  
        }  
    }  
}
```



```
milk_value_tf.setText("");  
tmilk_value_tf.setText("");  
bal_amt_tf.setText("");  
fl2=true;  
amt_rec_tf.requestFocus();  
}  
  
else{  
    String str="" +dt3.date.getSelectedItem() + "-" +dt3.mon.getSelectedItem() + "-"  
    "+dt3.year.getSelectedItem();  
    n=con.prepareStatement("insert into demand_table  
(suply_date,shift,ret_code,ret_stat,z_code,route_no,prd_code,prd_qty,prd_rate,prd_val,amt_rcv,p  
rd_name ) values (?,?,?,?,?,?,?,?,?,?,?,?)");  
    n.setString(1,str);  
    n.setString(2,(String)dt3.sshift_cmb.getSelectedItem());  
    n.setString(3,dt4.rcode_cmb.getSelectedItem().toString());  
    n.setString(4,dt4.rstatus_tf.getText());  
    n.setString(5,dt4.zcode_tf.getText());  
    n.setString(6,dt4.rroute_tf.getText());  
    n.setString(7,str1);  
    n.setInt(8,Integer.parseInt(pqty_tf.getText ()));  
    n.setInt(9,Integer.parseInt(prate_tf.getText()));  
    n.setInt(10,Integer.parseInt(milk_value_tf.getText()));  
    n.setInt(11,Integer.parseInt(amt_rec_tf.getText()));  
    n.setString(12, rs.getString(1));  
    n.executeUpdate();  
  
    p=con.prepareStatement("update demand_table set sh_ex_val=? where  
upper(ret_code)=?");  
    p.setInt(1,0);  
    p.setString(2,dt4.rcode_cmb.getSelectedItem().toString().toUpperCase());
```



```
p.executeUpdate();

p=con.prepareStatement("update demand_table set sh_ex_val=? where upper(prd_code)=?
and upper(ret_code)=?");

p.setInt(1,bal_amt);

p.setString(2,str1.toUpperCase());

p.setString(3,dt4.rcode_cmb.getSelectedItem().toString().toUpperCase());

p.executeUpdate();

int r=JOptionPane.showConfirmDialog(null,"Do You Want To Enter More
Products","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);

if (r==0)

{

    fl2=false;

    pcode_cmb.setSelectedIndex(-1);

    pqty_tf.setText("");

    prate_tf.setText("");

    milk_value_tf.setText("");

    tmilk_value_tf.setText("");

    bal_amt_tf.setText("");

    fl2=true;

    pcode_cmb.requestFocus();

}

else

{

    r=JOptionPane.showConfirmDialog(null,"Do You Want To Enter For Next
Retailer","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);

    if (r==0)

    {

        this.dispose();

        dt4.rcode_cmb.setSelectedIndex(0);
}
```



```
dt4.zcode_tf.setText("");
dt4.rroute_tf.setText("");
dt4.sshift_tf.setText("");
dt4.rstatus_tf.setText("");
dt4.sdate_tf.setText("");

dt4.rcode_cmb.requestFocus();

p=con.prepareStatement("update demand_table set sh_ex_val=? where
upper(prd_code)=? and upper(ret_code)=?");
p.setInt(1,bal_amt);
p.setString(2,str1.toUpperCase());
p.setString(3,dt4.rcode_cmb.getSelectedItem().toString().toUpperCase());
p.executeUpdate();

bal_amt=0;
sh_amt=0;

}

else

{

p=con.prepareStatement("update demand_table set sh_ex_val=? where
upper(prd_code)=? and upper(ret_code)=?");
p.setInt(1,bal_amt);
p.setString(2,str1.toUpperCase());
p.setString(3,dt4.rcode_cmb.getSelectedItem().toString().toUpperCase());
p.executeUpdate();

p=con.prepareStatement("select supp_date,supp_shift,demand_entry from
status_master");
rs=p.executeQuery();
if(rs.next()){

p=con.prepareStatement("update status_master set
supp_date=?,supp_shift=?,demand_entry=?");

```



```
p.setString(1,str);

p.setString(2,dt3.sshift_cmb.getSelectedItem().toString());

p.setString(3,"t");

p.executeUpdate();

this.dispose();

dt4.dispose();

dt3.dispose();}

else

{

    p=con.prepareStatement("insert into status_master
(supp_date,supp_shift,demand_entry) values(?, ?, ?)");

    p.setString(1,str);

    p.setString(2,dt3.sshift_cmb.getSelectedItem().toString());

    p.setString(3,"t");

    p.executeUpdate();

    this.dispose();

    dt4.dispose();

    dt3.dispose();

}

}

}

}

} catch (SQLException ex) {

Logger.getLogger(DemandTable3.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void pcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {

try {

ctr=false;
```



```
if(flag&&fl2){

    str1=PCODE_CMB.getselecteditem().tostring().substring(0,5);

    LAB2.settext("Product code of selected item is:" + str1);

    P=CON.prepareStatement("select prd_code from demand_table where
upper(ret_code)=?");

    P.setString(1,DT4.RCODE_CMB.getselecteditem().tostring().touppercase());

    RS=P.executeQuery();

    WHILE(RS.next()){

        IF(RS.getString(1).equalsignorecase(str1))

            {CTR=true;BREAK;}

        ELSE

            CTR=false;}

        IF(CTR)

        {

            JOptionPane.showMessageDialog(this, "Product Code Already Exists,plz go to update
section!","Information Message",JOptionPane.INFORMATION_MESSAGE);

            INT R=JOptionPane.showConfirmDialog(this,"Do You Want To
Continue","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);

            IF(R==0)

            {

                PCODE_CMB.setSelectedIndex(-1);

                PCODE_CMB.requestFocus();

                P=CON.prepareStatement("select sh_ex_val from demand_table where
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

                P.setString(1,DT4.RCODE_CMB.getselecteditem().tostring().touppercase());

                RS=P.executeQuery();

                RS.last();

                AMT_RCV=AMT_RCV+RS.getInt(1);

                P=CON.prepareStatement("update demand_table set sh_ex_val=? where
upper(ret_code)=?");
```



```
p.setInt(1,0);

p.setString(2,dt4.rcode_cmb.getSelectedItem().toString().toUpperCase());

p.executeUpdate();

fl=true;

}

else{

    this.dispose();

    dt3.dispose();

    dt4.dispose();}

} else

{



    p=con.prepareStatement("select sh_ex_val from demand_table where
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

    p.setString(1,dt4.rcode_cmb.getSelectedItem().toString().toUpperCase());

    rs=p.executeQuery();

    if(rs.last())

    {

        amt_rcv=amt_rcv+rs.getInt(1);

        fl=true;

    }fl=true;

}

fl=true;

}

}

}catch (SQLException ex) {

    Logger.getLogger(CardTransaction2.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {
```



```
this.dispose();

try {

    new MainFrame1(a).setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(DemandTable3.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(DemandTable3.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void amt_rec_tfKeyTyped(java.awt.event.KeyEvent evt) {

    char ch=evt.getKeyChar();

    if(!(Character.isDigit(ch)|| (ch==46)))

    {

        lab1.setText("Only digits and decimals are allowed!");

        evt.consume();

    }

}

private void pqty_tfKeyTyped(java.awt.event.KeyEvent evt) {

    char ch=evt.getKeyChar();

    if(!(Character.isDigit(ch)))

    {

        lab3.setText("Only digits are allowed!");

        evt.consume();}

    }

// Variables declaration - do not modify

private javax.swing.JTextField amt_rec_tf;

private javax.swing.JTextField bal_amt_tf;

private javax.swing.JButton home_bt;
```



```
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel lab1;
private javax.swing.JLabel lab2;
private javax.swing.JLabel lab3;
private javax.swing.JTextField milk_value_tf;
private javax.swing.JComboBox<String> pcode_cmb;
private javax.swing.JTextField pqty_tf;
private javax.swing.JTextField prate_tf;
private javax.swing.JTextField tmilk_value_tf;
// End of variables declaration
}
```

SERVICE FORM

```
package sudhamilk;
import java.awt.Image;
import java.awt.KeyboardFocusManager;
import java.awt.event.KeyEvent;
import java.sql.Connection;
import java.sql.SQLException;
import java.util.HashSet;
import java.util.Set;
import java.util.logging.Level;
```



```
import java.util.logging.Logger;
import javax.swing.ButtonGroup;
import javax.swing.ImageIcon;
import javax.swing.KeyStroke;
public class Service_Form extends javax.swing.JFrame {

    Connection con;
    MainFrame1 m;
    int a;
    public Service_Form(MainFrame1 m1,int a) throws SQLException, ClassNotFoundException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img9=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img9.getImage());
        ImageIcon img6=new ImageIcon(new
        ImageIcon(getClass().getResource("background.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));
        image.setIcon(img6);
        ImageIcon img8=new ImageIcon(new
        ImageIcon(getClass().getResource("background.jpg")).getImage().getScaledInstance(image1.getWidth(),image1.getHeight(),Image.SCALE_DEFAULT));
        image1.setIcon(img8);
        this.a=a;
        if(a==1){
            up_product.setEnabled(false);
            up_mainprd.setEnabled(false);
            up_destributor.setEnabled(false);
        }
        else
    }
```



```
    up_product.setEnabled(true);

    up_mainprd.setEnabled(true);

    up_desributor.setEnabled(true);

}

m=m1;

m.dispose();

ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("back.png")).getImage().getScaledInstance(sback_bt.getWidth(),
sback_bt.getHeight(),Image.SCALE_DEFAULT));

sback_bt.setIcon(img);

ImageIcon img1=new ImageIcon(new
ImageIcon(getClass().getResource("back.png")).getImage().getScaledInstance(uback_bt.getWidth(),
uback_bt.getHeight(),Image.SCALE_DEFAULT));

uback_bt.setIcon(img1);

ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("search.png")).getImage().getScaledInstance(search_lb.getWidth()
(),search_lb.getHeight(),Image.SCALE_DEFAULT));

search_lb.setIcon(img3);

ImageIcon img4=new ImageIcon(new
ImageIcon(getClass().getResource("Update.png")).getImage().getScaledInstance(update_lb.getWidth(),
update_lb.getHeight(),Image.SCALE_DEFAULT));

update_lb.setIcon(img4);

ButtonGroup bg=new ButtonGroup();

bg.add(s_card);

bg.add(s_demand);

bg.add(s_desributor);

bg.add(s_mainprd);

bg.add(s_product);

bg.add(s_retailer);

bg.add(s_zone);
```



```
bg.add(up_zone);
bg.add(up_card);
bg.add(up_retailer);
bg.add(up_destributor);
bg.add(up_mainprd);
bg.add(up_product);
bg.add(up_card);
bg.add(up_demand);
tabpane.setMnemonicAt(0,KeyEvent.VK_S);
tabpane.setMnemonicAt(1,KeyEvent.VK_U);
Set newkey =new HashSet();
newkey.add(KeyStroke.getKeyStroke("TAB"));
tabpane.setFocusTraversalKeys(KeyboardFocusManager.FORWARD_TRAVERSAL_KEYS,
newkey);
}

private void s_zoneActionPerformed(java.awt.event.ActionEvent evt) {
try {
    new SearchZone(this,a).setVisible(true);
} catch (SQLException ex) {
    Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
}
}

private void s_retailerActionPerformed(java.awt.event.ActionEvent evt) {
try {
    new SearchRetailer(this,a).setVisible(true);
} catch (SQLException ex) {
```



```
    Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void s_distributorActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        new SearchDistributor(this,a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void s_productActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        new SearchRate(this,a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void s_cardActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        new SearchCTransaction(this,a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    }

}
```



```
        } catch (ClassNotFoundException ex) {

            Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

private void s_demandActionPerformed(java.awt.event.ActionEvent evt) {

    try {
        new SearchDemand(this,a).setVisible(true);
    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void up_zoneActionPerformed(java.awt.event.ActionEvent evt) {

    try {
        new Update_Zone().setVisible(true);
    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void up_retailerActionPerformed(java.awt.event.ActionEvent evt) {

    try {
        new UpdateRetailer().setVisible(true);
    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

private void up_destributorActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new UpdateDistributor().setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void s_mainprdActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new SearchMainProduct(this,a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void up_mainprdActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new UpdateMainProduct().setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

private void tabpaneStateChanged(javax.swing.event.ChangeEvent evt) {
    switch(tabpane.getSelectedIndex())
    {
        case 0: this.s_zone.setSelected(true); break;
        case 1: this.up_zone.setSelected(true);
    }
}

private void up_productActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new UpdateRate().setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void up_cardActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new UpdateCard(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
}

private void up_demandActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        new UpdateDemand(a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void sback_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void uback_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);

    }

}
```



```
    }  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JLabel image;  
private javax.swing.JLabel image1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel ku;  
private javax.swing.JRadioButton s_card;  
private javax.swing.JRadioButton s_demand;  
private javax.swing.JRadioButton s_destributor;  
private javax.swing.JRadioButton s_mainprd;  
private javax.swing.JRadioButton s_product;  
private javax.swing.JRadioButton s_retailer;  
private javax.swing.JRadioButton s_zone;  
private javax.swing.JButton sback_bt;  
private javax.swing.JLabel search_lb;  
private javax.swing.JTabbedPane tabpane;  
private javax.swing.JButton uback_bt;  
private javax.swing.JRadioButton up_card;  
private javax.swing.JRadioButton up_demand;  
private javax.swing.JRadioButton up_destributor;  
private javax.swing.JRadioButton up_mainprd;  
private javax.swing.JRadioButton up_product;  
private javax.swing.JRadioButton up_retailer;  
private javax.swing.JRadioButton up_zone;  
private javax.swing.JLabel update_lb;  
  
// End of variables declaration  
}
```



SEARCH FORMS

SEARCH ZONE FORM

```
package sudhamilk;  
import java.awt.Image;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
  
public class SearchZone extends javax.swing.JFrame {  
  
    Connection c;  
    PreparedStatement p;  
    ResultSet rs;  
    String str;  
    Service_Form s;  
    int a;  
  
    public SearchZone(Service_Form sr,int a) throws SQLException, ClassNotFoundException {  
        initComponents();  
        c=ConnDb.conLink();  
        this.getRootPane().setDefaultButton(search_bt);  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
        this.setIconImage(img2.getImage());  
    }  
}
```



```
ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),ima
ge.getHeight(),Image.SCALE_DEFAULT));

image.setIcon(img3);

s=sr;

this.a=a;

s.dispose();

this.setLocationRelativeTo(null);

ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("Homelcon.png")).getImage().getScaledInstance(home_bt.getWidth(),home_bt.getHeight(),Image.SCALE_DEFAULT));

home_bt.setIcon(img);

tf.requestFocus();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

zone_cmb = new javax.swing.JComboBox<>();

back_bt = new javax.swing.JButton();

search_bt = new javax.swing.JButton();

all_rec = new javax.swing.JButton();

home_bt = new javax.swing.JButton();

tf = new org.jdesktop.swingx.JXSearchField();

image = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);

setTitle("Search Zone..");

setPreferredSize(new java.awt.Dimension(460, 310));

setResizable(false);

getContentPane().setLayout(null);
```



```
zone_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N
zone_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "ZONE CODE",
"ZONE NAME" }));
getContentPane().add(zone_cmb);
zone_cmb.setBounds(52, 94, 160, 40);
back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
back_bt.setText("<< BACK ");
back_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        back_btActionPerformed(evt);
    }
});
getContentPane().add(back_bt);
back_bt.setBounds(120, 161, 110, 35);
search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
search_bt.setText("SEARCH");
search_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        search_btActionPerformed(evt);
    }
});
getContentPane().add(search_bt);
search_bt.setBounds(248, 161, 98, 35);
all_rec.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
all_rec.setText("ALL RECORD");
all_rec.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        all_recActionPerformed(evt);
    }
});
getContentPane().add(all_rec);
```



```
all_rec.setBounds(168, 207, 140, 41);

home_bt.setBorder(null);

home_bt.setBorderPainted(false);

home_bt.setContentAreaFilled(false);

home_bt.setFocusPainted(false);

home_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        home_btActionPerformed(evt);

    } });

getContentPane().add(home_bt);

home_bt.setBounds(10, 10, 74, 64);

tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

tf.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        tfActionPerformed(evt);

    } });

getContentPane().add(tf);

tf.setBounds(248, 93, 137, 40);

getContentPane().add(image);

image.setBounds(1, 1, 450, 280);

pack();

}// </editor-fold>

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    s.setVisible(true); }

private void search_btActionPerformed(java.awt.event.ActionEvent evt) {

    if(tf.getText().length()==0)

    {
```



```
JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK  
VALUE!");  
  
        tf.requestFocus();  
  
    }  
  
    else{  
  
        str=(String)zone_cmb.getSelectedItem();  
  
        if(str.equalsIgnoreCase("ZONE CODE"))  
  
            str="select * from zone_master where upper(zcode)=?";  
  
        else  
  
            str="select * from Zone_master where upper(zname)=?";  
  
        try {  
  
p=c.prepareStatement(str,ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);  
  
        p.setString(1,tf.getText().toUpperCase());  
  
        rs=p.executeQuery();  
  
        if(rs.next())  
  
        {  
  
            new RecordZone(rs).setVisible(true);  
  
        }  
  
        else  
  
            JOptionPane.showMessageDialog(this,"Zone code or Zone name not found");  
  
        } catch (SQLException ex) { JOptionPane.showMessageDialog(this, "Your Searching is  
unsuccesfull" , "Connection probelm", JOptionPane.ERROR_MESSAGE );  
  
        }  
  
    }  
  
private void all_recActionPerformed(java.awt.event.ActionEvent evt) {  
  
    try {  
  
        p=c.prepareStatement("select * from zone_master order by zcode asc");  
  
        rs=p.executeQuery();  
}
```



```
        new TableZone(rs).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(SearchZone.class.getName()).log(Level.SEVERE, null, ex);
    }

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(a).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(SearchZone.class.getName()).log(Level.SEVERE, null, ex);

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(SearchZone.class.getName()).log(Level.SEVERE, null, ex);

    }

}

// Variables declaration - do not modify

private javax.swing.JButton all_rec;

private javax.swing.JButton back_bt;

private javax.swing.JButton home_bt;

private javax.swing.JLabel image;

private javax.swing.JButton search_bt;

private org.jdesktop.swingx.JXSearchField tf;

private javax.swing.JComboBox<String> zone_cmb;

// End of variables declaration

}
```

SEARCH ZONE RECORD FORM

package sudhamilk;



```
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class RecordZone extends javax.swing.JFrame {

    ResultSet rs;
    public RecordZone(ResultSet rs1) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        rs=rs1;
        disp();
    }
    public void disp() throws SQLException
    {
        zcode_tf.setText(rs.getString(1));
        zname_tf.setText(rs.getString(2));
        zloca_tf.setText(rs.getString(3));
        zdist_tf.setText(rs.getString(4));
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jLabel1 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
```



```
jLabel2 = new javax.swing.JLabel();  
jLabel4 = new javax.swing.JLabel();  
zcode_tf = new javax.swing.JTextField();  
zname_tf = new javax.swing.JTextField();  
zloca_tf = new javax.swing.JTextField();  
zdist_tf = new javax.swing.JTextField();  
jLabel13 = new javax.swing.JLabel();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Zone Master Search Form..");  
setResizable(false);  
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel1.setText(" ZONE CODE");  
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel3.setText(" LOCATION");  
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel2.setText(" ZONE NAME");  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel4.setText(" DISTRICT");  
zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
zname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
zname_tf.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        zname_tfActionPerformed(evt);  
    }  
});
```





```
.addGap(69, 69, 69))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(194, 194, 194))

);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{zcode_tf, zdist_tf, zloca_tf, zname_tf});

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 39,
Short.MAX_VALUE)

.addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(zname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(zloca_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(zdist_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(50, Short.MAX_VALUE))

);

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {zcode_tf,
zdist_tf, zloca_tf, zname_tf});

pack();

}// </editor-fold>

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JTextField zcode_tf;

private javax.swing.JTextField zdist_tf;

private javax.swing.JTextField zloca_tf;

private javax.swing.JTextField zname_tf;

// End of variables declaration

}
```



TOTAL ZONE RECORD FORM

```
package sudhamilk;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.table.DefaultTableModel;  
  
public class TableZone extends javax.swing.JFrame {  
  
    Connection con;  
    PreparedStatement p;  
    ResultSet rs;  
  
    public TableZone(ResultSet rs1) throws SQLException {  
        initComponents();  
        this.setLocationRelativeTo(null);  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
        this.setIconImage(img2.getImage());  
        DefaultTableModel model =(DefaultTableModel)z_table.getModel();  
        while(rs1.next())  
            model.addRow(new Object[]  
            {rs1.getString(1),rs1.getString(2),rs1.getString(3),rs1.getString(4)});  
        z_table.setModel(model);  
    }  
}
```



```
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {  
    jScrollPane1 = new javax.swing.JScrollPane();  
    z_table = new javax.swing.JTable();  
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
    setTitle("All Record Of Zone Master..");  
    setResizable(false);  
    z_table.setModel(new javax.swing.table.DefaultTableModel(  
        new Object [][] {  
            },  
        new String [] {  
            "Zone Code", "Zone Name", "Location", "District"  
        } )  
    {  
        Class[] types = new Class [] {  
            java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class  
        };  
        public Class getColumnClass(int columnIndex) {  
            return types [columnIndex];  
        }  
    });  
    jScrollPane1.setViewportView(z_table);  
    if (z_table.getColumnModel().getColumnCount() > 0) {  
        z_table.getColumnModel().getColumn(1).setResizable(false);  
        z_table.getColumnModel().getColumn(2).setResizable(false);  
    }  
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
    getContentPane().setLayout(layout);  
    layout.setHorizontalGroup(  
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(layout.createSequentialGroup()  
                .addContainerGap())  
    );  
}
```



```
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 408,
Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 278,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    pack();
}// </editor-fold>

// Variables declaration - do not modify
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable z_table;
// End of variables declaration
}
```

SEARCH RETAILER

```
package sudhamilk;
import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class SearchRetailer extends javax.swing.JFrame {
```



```
PreparedStatement p;
Connection con;
String str;
ResultSet rs;
Service_Form s;
int a;
public SearchRetailer(Service_Form sr,int a) throws SQLException, ClassNotFoundException {
    initComponents();
    con=ConnDb.conLink();
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
    this.setIconImage(img2.getImage());
    ImageIcon img3=new ImageIcon(new
    ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));
    image.setIcon(img3);
    s=sr;
    this.a=a;
    s.dispose();
    this.setLocationRelativeTo(null);
    this.getRootPane().setDefaultButton(search_bt);
    ImageIcon img=new ImageIcon(new
    ImageIcon(getClass().getResource("HomeIcon.png")).getImage().getScaledInstance(home_bt.getWidth(),home_bt.getHeight(),Image.SCALE_DEFAULT));
    home_bt.setIcon(img);
    tf.requestFocus();
}
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
```



```
private void initComponents() {  
    search_bt = new javax.swing.JButton();  
    retailer_cmb = new javax.swing.JComboBox<>();  
    back_bt = new javax.swing.JButton();  
    all_rec = new javax.swing.JButton();  
    home_bt = new javax.swing.JButton();  
    tf = new org.jdesktop.swingx.JXSearchField();  
    image = new javax.swing.JLabel();  
    setDefaultCloseOperation(javax.swing.WindowConstants.DO NOTHING ON CLOSE);  
    setTitle("Search Retailer..");  
    setPreferredSize(new java.awt.Dimension(470, 330));  
    getContentPane().setLayout(null);  
    search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
    search_bt.setText("Search");  
    search_bt.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            search_btActionPerformed(evt);  
        }  
    });  
    getContentPane().add(search_bt);  
    search_bt.setBounds(250, 170, 105, 35);  
    retailer_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N  
    retailer_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "RETAILER CODE", "RETAILER NAME" }));  
    getContentPane().add(retailer_cmb);  
    retailer_cmb.setBounds(40, 91, 189, 40);  
    back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
    back_bt.setText("<< BACK ");  
    back_bt.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    back_btActionPerformed(evt);  
}  
});  
getContentPane().add(back_bt);  
back_bt.setBounds(115, 170, 110, 35);  
all_rec.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
all_rec.setText("ALL RECORD");  
all_rec.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        all_recActionPerformed(evt);  
    }  
});  
getContentPane().add(all_rec);  
all_rec.setBounds(177, 231, 120, 37);  
home_bt.setBorder(null);  
home_bt.setBorderPainted(false);  
home_bt.setContentAreaFilled(false);  
home_bt.setFocusPainted(false);  
home_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        home_btActionPerformed(evt);  
    }  
});  
getContentPane().add(home_bt);  
home_bt.setBounds(10, 20, 74, 64);  
tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N  
getContentPane().add(tf);  
tf.setBounds(248, 90, 158, 40);  
getContentPane().add(image);  
image.setBounds(0, 0, 470, 290);
```



```
        pack();  
    }// </editor-fold>  
  
private void back_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
    this.dispose();  
  
    s.setVisible(true);  
}  
  
private void search_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
    if(tf.getText().length()==0)  
    {  
  
        JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK  
VALUE!");  
  
        tf.requestFocus();  
    }  
  
    else{  
  
        str=(String)retailer_cmb.getSelectedItem();  
  
        if(str.equalsIgnoreCase("RETAILER CODE"))  
  
            str="select * from retailer_master where upper(ret_cod)=?";  
  
        else  
  
            str="select * from retailer_master where upper(ret_nam)=?";  
  
        try  
        {p=con.prepareStatement(str,ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_READ_ONLY);  
  
        p.setString(1,tf.getText().toUpperCase());  
  
        rs=p.executeQuery();  
  
        if(rs.next())  
  
            new RecordRetailer(rs).setVisible(true);  
  
        else  
  
        {  
  
            JOptionPane.showMessageDialog(this,"retailer code or retailer name not found");  
        }  
    }  
}
```



```
        }

    } catch (SQLException ex) {

        JOptionPane.showMessageDialog(this, "Your Searching is unsuccesfull" , "Connection
problem", JOptionPane.ERROR_MESSAGE );

    } catch (ClassNotFoundException ex) {

        Logger.getLogger(SearchRetailer.class.getName()).log(Level.SEVERE, null, ex);
    } } }

private void all_recActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        p=con.prepareStatement("select * from retailer_master order by ret_cod asc");
        rs=p.executeQuery();
        new TableRetailer(rs).setVisible(true);
    } catch (SQLException ex) {

        Logger.getLogger(SearchRetailer.class.getName()).log(Level.SEVERE, null, ex);
    } }

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    try {

        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {

        Logger.getLogger(SearchRetailer.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {

        Logger.getLogger(SearchRetailer.class.getName()).log(Level.SEVERE, null, ex);
    } }

// Variables declaration - do not modify

private javax.swing.JButton all_rec;
private javax.swing.JButton back_bt;
private javax.swing.JButton home_bt;
```



```
private javax.swing.JLabel image;  
private javax.swing.JComboBox<String> retailer_cmb;  
private javax.swing.JButton search_bt;  
private org.jdesktop.swingx.JXSearchField tf;  
// End of variables declaration  
}
```

SEARCH RETAILER RECORD FORM

```
package sudhamilk;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.ImageIcon;  
  
import javax.swing.JOptionPane;  
  
import javax.swing.JScrollPane;  
  
public class RecordRetailer extends javax.swing.JFrame {  
  
    ResultSet rs;  
  
    public RecordRetailer(ResultSet rs1) throws SQLException, ClassNotFoundException {  
        initComponents();  
        this.setLocationRelativeTo(null);  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
        this.setIconImage(img2.getImage());  
        rs=rs1;  
        disp();  
        JScrollPane p=new  
        JScrollPane(JScrollPane.VERTICAL_SCROLLBAR_ALWAYS,JScrollPane.HORIZONTAL_SCROLLBAR_AS_  
        NEEDED);  
    }  
}
```



```
public void disp() throws SQLException
{
    rcode_tf.setText(rs.getString(1));
    rname_tf.setText(rs.getString(2));
    zcode_tf.setText(rs.getString(3));
    rroute_tf.setText(rs.getString(4));
    rcont_tf.setText(rs.getString(5));
    rloca_tf.setText(rs.getString(6));
    rdist_tf.setText(rs.getString(7));
    roff_ref_tf.setText(rs.getString(8));
    rref_dt_tf.setText(rs.getString(9));
    rstatus_tf.setText(rs.getString(10));
    rrate_tf.setText(rs.getString(11));
    booth_tf.setText(rs.getString(12));
    record_tf.setText("record no.: " + rs.getRow());
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jScrollPane1 = new javax.swing.JScrollPane();
    jPanel1 = new javax.swing.JPanel();
    jLabel13 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    rcode_tf = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    rname_tf = new javax.swing.JTextField();
    jLabel11 = new javax.swing.JLabel();
    zcode_tf = new javax.swing.JTextField();
}
```



```
jLabel3 = new javax.swing.JLabel();  
rroute_tf = new javax.swing.JTextField();  
jLabel4 = new javax.swing.JLabel();  
rcont_tf = new javax.swing.JTextField();  
jLabel5 = new javax.swing.JLabel();  
rloca_tf = new javax.swing.JTextField();  
jLabel12 = new javax.swing.JLabel();  
rdist_tf = new javax.swing.JTextField();  
jLabel6 = new javax.swing.JLabel();  
roff_ref_tf = new javax.swing.JTextField();  
jLabel7 = new javax.swing.JLabel();  
rref_dt_tf = new javax.swing.JTextField();  
jLabel8 = new javax.swing.JLabel();  
rstatus_tf = new javax.swing.JTextField();  
jLabel9 = new javax.swing.JLabel();  
rrate_tf = new javax.swing.JTextField();  
jLabel10 = new javax.swing.JLabel();  
booth_tf = new javax.swing.JTextField();  
first_bt = new javax.swing.JButton();  
pre_bt = new javax.swing.JButton();  
record_tf = new javax.swing.JTextField();  
next_bt = new javax.swing.JButton();  
last_bt = new javax.swing.JButton();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Retailer Master Search Form..");  
setResizable(false);  
jLabel13.setFont(new java.awt.Font("Algerian", 0, 24)); // NOI18N  
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
```



```
jLabel13.setText("RECORD");

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel1.setText("RETAILER CODE");
rcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel2.setText("RETAILER NAME");
rname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel11.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel11.setText("ZONE CODE");
zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel3.setText("ROUTE NO.");
rroute_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel4.setText("CONTACT NO.");
rcont_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel5.setText("LOCATION");
rloca_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel12.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel12.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel12.setText("DISTRICT");
```



```
rdist_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel6.setText("OFFICE REFRENCE");
roff_ref_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel7.setText("REFRENCE DATE");
rref_dt_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel8.setText("RETAILER STATUS");
rstatus_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel9.setText("RATE STATUS");
rrate_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel10.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel10.setText("WHOLE DAY BOOTH");
booth_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
first_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
first_bt.setText("<<");
first_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        first_btActionPerformed(evt);
    }
});
pre_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
```





```
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(71, 71, 71)

.addComponent(rcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 290,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(71, 71, 71)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(rloca_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 289,
Short.MAX_VALUE)

.addComponent(rcont_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 289,
Short.MAX_VALUE)

.addComponent(rroute_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 289,
Short.MAX_VALUE)

.addComponent(roff_ref_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 289,
Short.MAX_VALUE)

.addComponent(rdist_tf)))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()
```



```
.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(72, 72, 72)

    .addComponent(rref_dt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 289,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()

            .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(72, 72, 72)

            .addComponent(rstatus_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 289,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()

                .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(72, 72, 72)

                .addComponent(rrate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 289,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()

                    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addGap(72, 72, 72)

                    .addComponent(booth_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 289,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 197,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(71, 71, 71)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(zcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 289,
Short.MAX_VALUE)
        .addComponent(rname_tf)))
    .addGap(1, 1, 1))

.addGroup(jPanel1Layout.createSequentialGroup()
    .addGap(169, 169, 169)
        .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(79, 79, 79)
            .addComponent(first_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(pre_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
            .addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
            .addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(last_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGap(82, 82, 82));

jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{jLabel1, jLabel10, jLabel11, jLabel12, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8,
jLabel9});
```



```
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]  
{booth_tf, rcode_tf, rcont_tf, rloca_tf, rname_tf, roff_ref_tf, rrate_tf, rref_dt_tf, rroute_tf,  
rstatus_tf, zcode_tf});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]  
{next_bt, pre_bt});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]  
{first_bt, last_bt});  
  
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 52,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
            .addComponent(rcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 36,  
                Short.MAX_VALUE)  
            .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(rname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGap(22, 22, 22)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel1Layout.createSequentialGroup()
```



```
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(rcont_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(rloca_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(rdist_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(roff_ref_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(rref_dt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(rstatus_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(22, 22,
22).addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(rrate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(22, 22, 22)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(booth_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(36, 36, 36)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(first_bt)

    .addComponent(pre_bt)

    .addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(next_bt)

    .addComponent(last_bt))

    .addGap(36, 36, 36))  );

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{jLabel10, jLabel11, jLabel12, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8, jLabel9});
```



```
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{booth_tf, rcode_tf, rcont_tf, rdist_tf, rloca_tf, rname_tf, roff_ref_tf, rrate_tf, rref_dt_tf, rroute_tf,
rstatus_tf, zcode_tf});

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{next_bt, pre_bt, record_tf});

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{first_bt, last_bt});

jScrollPane1.setViewportView(jPanel1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,
    javax.swing.GroupLayout.DEFAULT_SIZE, 692, Short.MAX_VALUE)  );

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,
    javax.swing.GroupLayout.DEFAULT_SIZE, 563, Short.MAX_VALUE)  );

pack();

}// </editor-fold>

private void first_btActionPerformed(java.awt.event.ActionEvent evt) {

    try {
        if(rs.isFirst())

            JOptionPane.showMessageDialog(this,"You are already at first
record","record",JOptionPane.INFORMATION_MESSAGE);

        else{
            rs.first();
            disp();}

    } catch (SQLException ex) {

        Logger.getLogger(RecordRetailer.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
    }

}

private void pre_btActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        if(rs.isFirst())

            JOptionPane.showMessageDialog(this,"You are already at first
record","record",JOptionPane.INFORMATION_MESSAGE);

        else{

            rs.previous();

            disp();}

    } catch (SQLException ex) {

        Logger.getLogger(RecordRetailer.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void next_btActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        if(rs.isLast())

            JOptionPane.showMessageDialog(this,"You are already at last
record","record",JOptionPane.INFORMATION_MESSAGE);

        else{

            rs.next();

            disp();}

    } catch (SQLException ex) {

        Logger.getLogger(RecordRetailer.class.getName()).log(Level.SEVERE, null, ex);

    }

}

private void last_btActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        if(rs.isLast())

    
```



```
JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
  
else{  
    rs.last();  
    disp();}  
  
} catch (SQLException ex) {  
  
    Logger.getLogger(RecordRetailer.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JTextField booth_tf;  
private javax.swing.JButton first_bt;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel11;  
private javax.swing.JLabel jLabel12;  
private javax.swing.JLabel jLabel13;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JButton last_bt;
```



```
private javax.swing.JButton next_bt;
private javax.swing.JButton pre_bt;
private javax.swing.JTextField rcode_tf;
private javax.swing.JTextField rcont_tf;
private javax.swing.JTextField rdist_tf;
private javax.swing.JTextField record_tf;
private javax.swing.JTextField rloca_tf;
private javax.swing.JTextField rname_tf;
private javax.swing.JTextField roff_ref_tf;
private javax.swing.JTextField rrate_tf;
private javax.swing.JTextField rref_dt_tf;
private javax.swing.JTextField rroute_tf;
private javax.swing.JTextField rstatus_tf;
private javax.swing.JTextField zcode_tf;
// End of variables declaration
}
```

TOTAL RETAILER RECORD FORM

```
package sudhamilk;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.table.DefaultTableModel;
public class TableRetailer extends javax.swing.JFrame {
    public TableRetailer(ResultSet rs) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
    }
}
```



```
this.setIconImage(img2.getImage());  
  
DefaultTableModel model=new DefaultTableModel(new String[] {"retailer code","retailer  
name","zone code","route no.","contact no.","location","district","office refrence","reference  
date","retailer status","rate status","whole day booth"},0);  
  
while(rs.next())  
  
    model.addRow(new Object []  
{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),rs.getString(5),rs.getString(6),rs.getStri  
ng(7),rs.getString(8),rs.getString(9),rs.getString(10),rs.getString(11),rs.getString(12)});  
  
r_table.setModel(model);  
  
}  
  
@SuppressWarnings("unchecked")  
  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
  
private void initComponents() {  
  
    jScrollPane1 = new javax.swing.JScrollPane();  
  
    r_table = new javax.swing.JTable();  
  
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
  
    setTitle("All Record Of Retailer Master..");  
  
    setResizable(false);  
  
    r_table.setModel(new javax.swing.table.DefaultTableModel(  
        new Object [][] { },  
        new String [] {  
            "Retailer Code", "Retailer Name", "Zone Code", "Route No.", "Contact No.", "Location",  
            "District", "Office Refrence", "Reference Date", "Retailer Status", "Rate Status", "Whole Day Booth"  
        } )  
    {  
        Class[] types = new Class [] {  
  
            java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
            java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
            java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class };  
  
        public Class getColumnClass(int columnIndex) {  
    
```



```
        return types [columnIndex];  
    }  });  
  
jScrollPane1.setViewportView(r_table);  
  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
  
getContentPane().setLayout(layout);  
  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(layout.createSequentialGroup()  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1127,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(0, 0, Short.MAX_VALUE))  );  
  
layout.setVerticalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(layout.createSequentialGroup()  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 473,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(0, 0, Short.MAX_VALUE))  );  
  
pack();  
}// </editor-fold>  
  
// Variables declaration - do not modify  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JTable r_table;  
  
// End of variables declaration  
}
```

SEARCH DISTRIBUTOR

```
package sudhamilk;
```

```
import java.awt.Image;
```

```
import java.sql.Connection;
```



```
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class SearchDistributor extends javax.swing.JFrame {
    Connection con;
    PreparedStatement p;
    String str;
    ResultSet rs;
    Service_Form s;
    int a;
    public SearchDistributor(Service_Form sr,int a) throws SQLException, ClassNotFoundException {
        initComponents();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        ImageIcon img3=new ImageIcon(new
        ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));
        image.setIcon(img3);
        s=sr;
        this.a=a;
        s.dispose();
        this.setLocationRelativeTo(null);
        this.getRootPane().setDefaultButton(search_bt);
```



```
    ImageIcon img=new ImageIcon(new
    ImageIcon(getClass().getResource("HomeIcon.png")).getImage().getScaledInstance(home_bt.getWidth(),home_bt.getHeight(),Image.SCALE_DEFAULT));

    home_bt.setIcon(img);
    con=ConnDb.conLink();
    tf.requestFocus();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    distributor_cmb = new javax.swing.JComboBox<>();
    back_bt = new javax.swing.JButton();
    search_bt = new javax.swing.JButton();
    jButton1 = new javax.swing.JButton();
    home_bt = new javax.swing.JButton();
    tf = new org.jdesktop.swingx.JXSearchField();
    image = new javax.swing.JLabel();
    setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);
    setTitle("Distributor Master search Form..");
    setPreferredSize(new java.awt.Dimension(490, 310));
    setResizable(false);
    getContentPane().setLayout(null);
    distributor_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 16)); // NOI18N
    distributor_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"DISTRIBUTOR CODE", "DISTRIBUTOR NAME" }));
    getContentPane().add(distributor_cmb);
    distributor_cmb.setBounds(54, 91, 209, 42);
    back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    back_bt.setText("<< BACK ");
}
```



```
back_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        back_btActionPerformed(evt);
    }
});

getContentPane().add(back_bt);

back_bt.setBounds(120, 160, 120, 37);

search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
search_bt.setText("SEARCH");

search_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        search_btActionPerformed(evt);
    }
});

getContentPane().add(search_bt);

search_bt.setBounds(260, 160, 98, 37);

jButton1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jButton1.setText("ALL RECORD");

jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

getContentPane().add(jButton1);

jButton1.setBounds(166, 216, 140, 37);

home_bt.setBorder(null);
home_bt.setBorderPainted(false);
home_bt.setContentAreaFilled(false);
home_bt.setFocusPainted(false);
home_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
    home_btActionPerformed(evt);

} });

getContentPane().add(home_bt);

home_bt.setBounds(10, 20, 71, 59);

tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

getContentPane().add(tf);

tf.setBounds(296, 90, 144, 42);

getContentPane().add(image);

image.setBounds(0, 0, 490, 280);

pack();

}// </editor-fold>

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

s.setVisible(true);

}

private void search_btActionPerformed(java.awt.event.ActionEvent evt) {

if(tf.getText().length()==0)

{

JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK

VALUE!");

tf.requestFocus();

}

else{

str=(String)distributor_cmb.getSelectedItem();

if(str.equalsIgnoreCase("DISTRIBUTOR CODE"))

str="select * from distributor_master where upper(dist_cod)=?";

else

str="select * from distributor_master where upper(dist_nam)=?";
```



```
try {

p=con.prepareStatement(str,ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

    p.setString(1,tf.getText().toUpperCase());

    rs=p.executeQuery();

    new RecordDistributor(rs).setVisible(true);

} catch (SQLException ex) {

    JOptionPane.showMessageDialog(this, "Your Searching is unsuccesfull" , "Connection
problem", JOptionPane.ERROR_MESSAGE );

}

}

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

try {

    p=con.prepareStatement("select * from distributor_master order by dist_cod asc");

    rs=p.executeQuery();

    new TableDistributor(rs).setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(SearchDistributor.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

try {

    new MainFrame1(a).setVisible(true);

} catch (SQLException ex) {

    Logger.getLogger(SearchDistributor.class.getName()).log(Level.SEVERE, null, ex);

} catch (ClassNotFoundException ex) {

    Logger.getLogger(SearchDistributor.class.getName()).log(Level.SEVERE, null, ex);

}
```



```
    }  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JButton back_bt;  
  
private javax.swing.JComboBox<String> distributor_cmb;  
  
private javax.swing.JButton home_bt;  
  
private javax.swing.JLabel image;  
  
private javax.swing.JButton jButton1;  
  
private javax.swing.JButton search_bt;  
  
private org.jdesktop.swingx.JXSearchField tf;  
  
// End of variables declaration  
  
}
```

SEARCH DISTRIBUTOR RECORD FORM

```
package sudhamilk;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.ImageIcon;  
  
import javax.swing.JOptionPane;  
  
public class RecordDistributor extends javax.swing.JFrame {  
  
    ResultSet rs;  
  
    public RecordDistributor(ResultSet rs1) throws SQLException {  
  
        initComponents();  
  
        this.setLocationRelativeTo(null);  
  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
  
        this.setIconImage(img2.getImage());  
  
        rs=rs1;
```



```
        rs.next();

        disp();

    }

public void disp() throws SQLException
{
    dcode_tf.setText(rs.getString(1));
    dname_tf.setText(rs.getString(2));
    zcode_tf.setText(rs.getString(3));
    dcont_tf.setText(rs.getString(4));
    dadd_tf.setText(rs.getString(5));
    doff_ref_tf.setText(rs.getString(6));
    dref_dt_tf.setText(rs.getString(7));
    dcom_tf.setText(rs.getString(8));
    //dret_code_tf.setText(rs.getString(9));
    record_tf.setText("record no.: "+ rs.getRow());
}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    dcom_tf = new javax.swing.JTextField();
}
```



```
dref_dt_tf = new javax.swing.JTextField();  
doff_ref_tf = new javax.swing.JTextField();  
dadd_tf = new javax.swing.JTextField();  
dcont_tf = new javax.swing.JTextField();  
dname_tf = new javax.swing.JTextField();  
zcode_tf = new javax.swing.JTextField();  
next_bt = new javax.swing.JButton();  
pre_bt = new javax.swing.JButton();  
first_bt = new javax.swing.JButton();  
last_bt = new javax.swing.JButton();  
record_tf = new javax.swing.JTextField();  
jLabel13 = new javax.swing.JLabel();  
dcode_tf = new javax.swing.JTextField();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Distributor Master Search Form..");  
setResizable(false);  
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);  
jLabel1.setText("DISTRIBUTOR CODE");  
jLabel1.setMaximumSize(new java.awt.Dimension(168, 11));  
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);  
jLabel2.setText("DISTRIBUTOR NAME");  
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);  
jLabel3.setText("CONTACT NO.");  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
```



```
jLabel4.setText("ADDRESS");

jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel5.setText("OFFICE REFRENCE");

jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel6.setText("REFRENCE DATE");

jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel7.setText("DISTRIBUTOR COMISSION");

jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel8.setText("ZONE CODE");

dcom_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
dref_dt_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
doff_ref_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
dadd_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
dcont_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
dname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
next_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
next_bt.setText(">");

next_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        next_btActionPerformed(evt);
    }
});

pre_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
pre_bt.setText("<");
```



```
pre_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        pre_btActionPerformed(evt);  
    }    }));  
  
first_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N  
first_bt.setText("<<");  
  
first_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        first_btActionPerformed(evt);  
    }    }));  
  
last_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N  
last_bt.setText(">>");  
  
last_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        last_btActionPerformed(evt);  
    }    }));  
  
record_tf.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N  
jLabel13.setFont(new java.awt.Font("Algerian", 0, 24)); // NOI18N  
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel13.setText("RECORD");  
  
dcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(layout.createSequentialGroup()  
        .addGap(66, 66, 66)  
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
            .addComponent(dcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)  
            .addComponent(record_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)  
            .addComponent(first_bt, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)  
            .addComponent(last_bt, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)  
            .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)  
        )  
    )  
);  
getContentPane().setLayout(layout);
```



```
.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(dcont_tf)

.addComponent(dadd_tf)

.addComponent(doff_ref_tf)

.addComponent(dref_dt_tf)

.addComponent(dcom_tf)

.addComponent(zcode_tf)

.addComponent(dname_tf)

.addComponent(dcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 213,
Short.MAX_VALUE))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(235, 235, 235)
```



```
.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(0, 0, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(162, Short.MAX_VALUE)

.addComponent(first_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(pre_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(last_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(152, 152, 152))

);

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {dadd_tf,
dcode_tf, dcom_tf, dcont_tf, dname_tf, doff_ref_tf, dref_dt_tf, zcode_tf});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {next_bt,
pre_bt});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {first_bt,
last_bt});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8});

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGroup(layout.createSequentialGroup()

    .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGroup(layout.createSequentialGroup()

        .addComponent(dcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(9, 9, 9)))

    .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(dname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(dcont_tf))

    .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(dadd_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(doff_ref_tf))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(dref_dt_tf))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(dcom_tf))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 37,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(first_bt)
.addComponent(pre_bt)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(next_bt)

.addComponent(last_bt))

.addGap(26, 26, 26))

);
```



```
layout.linkSize(javax.swing.SwingConstantsConstants.VERTICAL, new java.awt.Component[] {dadd_tf,
dcode_tf, dcom_tf, dcont_tf, dname_tf, doff_ref_tf, dref_dt_tf, zcode_tf});

layout.linkSize(javax.swing.SwingConstantsConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7, jLabel8});

layout.linkSize(javax.swing.SwingConstantsConstants.VERTICAL, new java.awt.Component[] {next_bt,
pre_bt});

layout.linkSize(javax.swing.SwingConstantsConstants.VERTICAL, new java.awt.Component[] {first_bt,
last_bt});

pack();

}// </editor-fold>

private void pre_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(rs.isFirst())

JOptionPane.showMessageDialog(this,"You are already at first record",
"record",JOptionPane.INFORMATION_MESSAGE);

else{

rs.previous();

disp();}

} catch (SQLException ex) {

Logger.getLogger(RecordDistributor.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void first_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(rs.isFirst())

JOptionPane.showMessageDialog(this,"You are already at first record",
"record",JOptionPane.INFORMATION_MESSAGE);

else{

rs.first();

disp();}


```



```
        } catch (SQLException ex) {  
            Logger.getLogger(RecordDistributor.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void next_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isLast())  
                JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.next();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordDistributor.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void last_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isLast())  
                JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.last();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordDistributor.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    // Variables declaration - do not modify
```



```
private javax.swing.JTextField dadd_tf;
private javax.swing.JTextField dcode_tf;
private javax.swing.JTextField dcom_tf;
private javax.swing.JTextField dcont_tf;
private javax.swing.JTextField dname_tf;
private javax.swing.JTextField doff_ref_tf;
private javax.swing.JTextField dref_dt_tf;
private javax.swing.JButton first_bt;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JButton last_bt;
private javax.swing.JButton next_bt;
private javax.swing.JButton pre_bt;
private javax.swing.JTextField record_tf;
private javax.swing.JTextField zcode_tf;
// End of variables declaration
}
```

TOTAL DISTRIBUTOR RECORD FORM

```
package sudhamilk;
import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.table.DefaultTableModel;
public class TableDistributor extends javax.swing.JFrame {

    ResultSet rs;

    public TableDistributor(ResultSet rs1) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        DefaultTableModel model=new DefaultTableModel( new String[] {"distributor
code","distributor name","zone code","contact no.","address","office reference","refrence
date","distributor commision"},0);
        while(rs1.next())
            model.addRow(new Object[]
{rs1.getString(1),rs1.getString(2),rs1.getString(3),rs1.getString(4),rs1.getString(5),rs1.getString(6),rs
1.getString(7),rs1.getString(8)});

        d_table.setModel(model);
    }

    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jScrollPane1 = new javax.swing.JScrollPane();
        d_table = new javax.swing.JTable();
        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
        setTitle("All Record of Distributor Master..");
        setResizable(false);
        d_table.setModel(new javax.swing.table.DefaultTableModel(
```



```
new Object [][] {  
},  
new String [] {  
    "Distributor Code", "Distributor Name", "Zone Code", "TContact No.", "Address", "Office  
Reference", "Reference Date", "Distributor Commision", "Distributor Retailer's code"  
}    )  
{    Class[] types = new Class [] {  
    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
    java.lang.String.class  
};  
public Class getColumnClass(int columnIndex) {  
    return types [columnIndex];  
}    });  
jScrollPane1.setViewportView(d_table);  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(layout.createSequentialGroup()  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1224,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(0, 0, Short.MAX_VALUE))  
);  
layout.setVerticalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 300,  
    Short.MAX_VALUE)    );  
pack();  
}// </editor-fold>
```



```
// Variables declaration - do not modify

private javax.swing.JTable d_table;
private javax.swing.JScrollPane jScrollPane1;
// End of variables declaration
}
```

SEARCH MAIN PRODUCT

```
package sudhamilk;

import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class SearchMainProduct extends javax.swing.JFrame {

    Connection con;
    ResultSet rs;
    PreparedStatement p;
    Service_Form s;
    int a;
    public SearchMainProduct(Service_Form sr,int a) throws SQLException, ClassNotFoundException
    {
        initComponents();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
    }
}
```



```
    ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image
.getHeight(),Image.SCALE_DEFAULT));

    image.setIcon(img3);

    s=sr;

    this.a=a;

    s.dispose();

    con=ConnDb.conLink();

    this.setLocationRelativeTo(null);

    this.getRootPane().setDefaultButton(search_bt); ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("HomeIcon.png")).getImage().getScaledInstance(home_bt.getWi
dth(),home_bt.getHeight(),Image.SCALE_DEFAULT));

    home_bt.setIcon(img);

    tf.requestFocus();

}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    back_bt = new javax.swing.JButton();
    all_rec = new javax.swing.JButton();
    search_bt = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();
    home_bt = new javax.swing.JButton();
    tf = new org.jdesktop.swingx.JXSearchField();
    image = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);
    setTitle("Main Product Search Form..");
    setPreferredSize(new java.awt.Dimension(449, 300));
    setResizable(false);
}
```



```
getContentPane().setLayout(null);

back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

back_bt.setText("<< BACK ");

back_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        back_btActionPerformed(evt);

    } });

getContentPane().add(back_bt);

back_bt.setBounds(91, 156, 110, 35);

all_rec.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

all_rec.setText("ALL RECORD");

all_rec.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        all_recActionPerformed(evt);

    } });

getContentPane().add(all_rec);

all_rec.setBounds(143, 209, 149, 38);

search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

search_bt.setText("SEARCH");

search_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        search_btActionPerformed(evt);

    } });

getContentPane().add(search_bt);

search_bt.setBounds(229, 156, 98, 35);

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N

jLabel1.setText("MAIN PRODUCT CODE");

getContentPane().add(jLabel1);
```



```
jLabel1.setBounds(44, 87, 210, 40);

home_bt.setBorder(null);

home_bt.setBorderPainted(false);

home_bt.setContentAreaFilled(false);

home_bt.setFocusPainted(false);

home_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        home_btActionPerformed(evt);

    }

});

getContentPane().add(home_bt);

home_bt.setBounds(10, 11, 74, 64);

tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

getContentPane().add(tf);

tf.setBounds(292, 86, 113, 40);

getContentPane().add(image);

image.setBounds(0, 0, 450, 280);

pack();

}// </editor-fold>

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    s.setVisible(true);

}

private void all_recActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        p=con.prepareStatement("select mp_code,mp_name from main_product order by mp_code asc");

        rs=p.executeQuery();

        new TableMainProduct(rs).setVisible(true);

    }

}
```



```
        } catch (SQLException ex) {
            Logger.getLogger(SearchDistributor.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

private void search_btActionPerformed(java.awt.event.ActionEvent evt) {
    if(tf.getText().length()==0)
    {
        JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK
VALUE!");
        tf.requestFocus();
    }
    else{
        try {
            p=con.prepareStatement("select mp_code,mp_name from main_product where
upper(mp_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);
            p.setString(1,tf.getText().toUpperCase());
            rs=p.executeQuery();
            new RecordMainProduct(rs).setVisible(true);
        } catch (SQLException ex) {
            JOptionPane.showMessageDialog(this, "Your Searching is unsuccesfull" , "Connection
problem", JOptionPane.ERROR_MESSAGE );
        } } }

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    try {
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(SearchMainProduct.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
```



```
    Logger.getLogger(SearchMainProduct.class.getName()).log(Level.SEVERE, null, ex);
}
}

// Variables declaration - do not modify

private javax.swing.JButton all_rec;

private javax.swing.JButton back_bt;

private javax.swing.JButton home_bt;

private javax.swing.JLabel image;

private javax.swing.JLabel jLabel1;

private javax.swing.JButton search_bt;

private org.jdesktop.swingx.JXSearchField tf;

// End of variables declaration

}
```

SEARCH MAIN PRODUCT RECORD FORM

```
package sudhamilk;

import java.sql.ResultSet;

import java.sql.SQLException;

import javax.swing.ImageIcon;

public class RecordMainProduct extends javax.swing.JFrame {

    ResultSet rs;

    public RecordMainProduct(ResultSet rs1) throws SQLException {

        initComponents();

        this.setLocationRelativeTo(null);

        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

        this.setIconImage(img2.getImage());

        rs=rs1;

        rs.next();

        disp();

    }
}
```



```
public void disp() throws SQLException
{
    mpcode_tf.setText(rs.getString(1));
    mpname_tf.setText(rs.getString(2));
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    mpcode_tf = new javax.swing.JTextField();
    mpname_tf = new javax.swing.JTextField();
    jLabel13 = new javax.swing.JLabel();
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
    setTitle("Main Product Search Form..");
    setResizable(false);
    jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.RIGHT);
    jLabel1.setText("PRODUCT CODE");
    jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.RIGHT);
    jLabel2.setText("PRODUCT NAME");
    mpcode_tf.setEditable(false);
    mpcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    mpname_tf.setEditable(false);
    mpname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    mpname_tf.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
    mpname_tfActionPerformed(evt);
}
});

jLabel13.setFont(new java.awt.Font("Algerian", 0, 24)); // NOI18N
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel13.setText("RECORD");
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(51, 51, 51)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
            .addGapGap(63, 63, 63)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(mpname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 228,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(mpcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 228,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGapGap(140, 140, 140)
                .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGapContainerGap(29, Short.MAX_VALUE)
                )
                .addComponent(mpname_tfActionPerformed, javax.swing.GroupLayout.PREFERRED_SIZE, 228, javax.swing.GroupLayout.PREFERRED_SIZE)
            )
        )
    )
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 188, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(mpname_tfActionPerformed, javax.swing.GroupLayout.PREFERRED_SIZE, 228, javax.swing.GroupLayout.PREFERRED_SIZE)
    )
)
);
layout.setVerticalGroup(

```



```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
    .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(27, 27, 27)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(mpcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(mpname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap(33, Short.MAX_VALUE)) );
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, mpcode_tf, mpname_tf});
pack();
}// </editor-fold>

private void mpname_tfActionPerformed(java.awt.event.ActionEvent evt) {
}

// Variables declaration - do not modify
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel2;
private javax.swing.JTextField mpcode_tf;
private javax.swing.JTextField mpname_tf;
// End of variables declaration
```



}

TOTAL MAIN PRODUCT RECORD FORM

```
package sudhamilk;

import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.table.DefaultTableModel;
public class TableMainProduct extends javax.swing.JFrame {

    public TableMainProduct(ResultSet rs) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        DefaultTableModel model=new DefaultTableModel(new String [] {"MainProduct
Code","MainProduct name"},0);
        while(rs.next())
        {
            model.addRow(new Object[] {rs.getString(1),rs.getString(2)});
        }
        mp_table.setModel(model);
    }

    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jScrollPane1 = new javax.swing.JScrollPane();
        mp_table = new javax.swing.JTable();
    }
}
```



```
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

setTitle("All Record of Main Product.. ");

setResizable(false);

mp_table.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {   },
    new String [] {
        "MainProduct Code", "MainProduct Name"
    }
));

{Class[] types = new Class [] {
    java.lang.String.class, java.lang.String.class
};

public Class getColumnClass(int columnIndex) {
    return types [columnIndex];
}

jScrollPane1.setViewportView(mp_table);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 400, Short.MAX_VALUE)
        )
);

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)
        )
);

pack();
}// </editor-fold>

// Variables declaration - do not modify
```



```
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable mp_table;
// End of variables declaration
}
```

SEARCH RATE FILE

```
package sudhamilk;
import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class SearchRate extends javax.swing.JFrame {
    Connection con;
    PreparedStatement p;
    ResultSet rs;
    String str;
    int a;
    Service_Form s;
    public SearchRate(Service_Form sr,int a) throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
    }
}
```



```
ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),ima
ge.getHeight(),Image.SCALE_DEFAULT));

image.setIcon(img3);

s=sr;

this.a=a;

s.dispose();

this.setLocationRelativeTo(null);

this.getRootPane().setDefaultButton(search_bt);

ImageIcon img=new ImageIcon(new

ImageIcon(getClass().getResource("HomeIcon.png")).getImage().getScaledInstance(home_bt.getWi
dth(),home_bt.getHeight(),Image.SCALE_DEFAULT));

home_bt.setIcon(img);

tf.requestFocus();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

rate_cmb = new javax.swing.JComboBox<>();

search_bt = new javax.swing.JButton();

back_bt = new javax.swing.JButton();

jButton1 = new javax.swing.JButton();

home_bt = new javax.swing.JButton();

tf = new org.jdesktop.swingx.JXSearchField();

image = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);

setTitle("Rate Search form..");

setPreferredSize(new java.awt.Dimension(455, 300));
```



```
setResizable(false);

getContentPane().setLayout(null);

rate_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N

rate_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "PRODUCT
CODE", "PRODUCT NAME" }));

getContentPane().add(rate_cmb);

rate_cmb.setBounds(33, 87, 189, 40);

search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

search_bt.setText("SEARCH");

search_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        search_btActionPerformed(evt);

    }
});

getContentPane().add(search_bt);

search_bt.setBounds(240, 153, 105, 35);

back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

back_bt.setText("<< BACK ");

back_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        back_btActionPerformed(evt);

    }
});

getContentPane().add(back_bt);

back_bt.setBounds(102, 153, 110, 35);

jButton1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jButton1.setText("ALL RECORD");

jButton1.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton1ActionPerformed(evt);

    }
});
```



```
    }    });

getContentPane().add(jButton1);

jButton1.setBounds(153, 206, 140, 35);

home_bt.setBorder(null);

home_bt.setBorderPainted(false);

home_bt.setContentAreaFilled(false);

home_bt.setFocusPainted(false);

home_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        home_btActionPerformed(evt);

    }    });

getContentPane().add(home_bt);

home_bt.setBounds(10, 11, 74, 64);

tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

getContentPane().add(tf);

tf.setBounds(255, 87, 143, 40);

getContentPane().add(image);

image.setBounds(0, 0, 450, 270);

pack();

}// </editor-fold>

private void search_btActionPerformed(java.awt.event.ActionEvent evt) {

    if(tf.getText().length()==0)

    {

JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK VALUE!");

        tf.requestFocus();

    }

    else{

        str=(String)rate_cmb.getSelectedItem();

    }

}
```



```
if(str.equalsIgnoreCase("PRODUCT CODE"))

    str="select * from rate_file where upper(prd_code)=?";

else

    str="select * from rate_file where upper(prd_name)=?";

try {

p=con.prepareStatement(str,ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

    p.setString(1,tf.getText().toUpperCase());

    rs=p.executeQuery();

    new RecordRate(rs).setVisible(true);

    System.out.print("hfyhfvnhvhjn");

} catch (SQLException ex) {

    JOptionPane.showMessageDialog(this, "Your Searching is unsuccesfull" , "Connection
problem", JOptionPane.ERROR_MESSAGE );

}

}

}

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();

    s.setVisible(true);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

    try {

        p=con.prepareStatement("select * from rate_file order by prd_code
asc",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

        rs=p.executeQuery();

        if(rs.next())

            new TableRate(rs);

        else

            JOptionPane.showMessageDialog(null,"Records not found");

    }

}
```



```
        } catch (SQLException ex) {
            Logger.getLogger(SearchRate.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    try {
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(SearchRate.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(SearchRate.class.getName()).log(Level.SEVERE, null, ex);
    }
}

// Variables declaration - do not modify
private javax.swing.JButton back_bt;
private javax.swing.JButton home_bt;
private javax.swing.JLabel image;
private javax.swing.JButton jButton1;
private javax.swing.JComboBox<String> rate_cmb;
private javax.swing.JButton search_bt;
private org.jdesktop.swingx.JXSearchField tf;
// End of variables declaration
}
```

SEARCH RATE FILE RECORD FORM

```
package sudhamilk;
import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class RecordRate extends javax.swing.JFrame {
ResultSet rs;
public RecordRate(ResultSet rs1) throws SQLException {
    initComponents();
    // System.out.print("hfyhfvnhvhjn");
    this.setLocationRelativeTo(null);
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
    this.setIconImage(img2.getImage());
    rs=rs1;
    rs.next();
    disp();
}
public void disp() throws SQLException
{
    pcode_tf.setText(rs.getString(1));
    pname_tf.setText(rs.getString(2));
    field_name_tf.setText(rs.getString(3));
    pack_size_tf.setText(rs.getString(4));
    mrp_tf.setText(rs.getString(5));
    retailer_com_tf.setText(rs.getString(6));
    effective_dt_tf.setText(rs.getString(7));
    record_tf.setText("record no.: " + rs.getRow());
}
```



```
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {  
    jLabel3 = new javax.swing.JLabel();  
    jLabel5 = new javax.swing.JLabel();  
    jLabel1 = new javax.swing.JLabel();  
    jLabel2 = new javax.swing.JLabel();  
    jLabel7 = new javax.swing.JLabel();  
    jLabel4 = new javax.swing.JLabel();  
    jLabel6 = new javax.swing.JLabel();  
    pcode_tf = new javax.swing.JTextField();  
    pname_tf = new javax.swing.JTextField();  
    field_name_tf = new javax.swing.JTextField();  
    pack_size_tf = new javax.swing.JTextField();  
    mrp_tf = new javax.swing.JTextField();  
    retailer_com_tf = new javax.swing.JTextField();  
    effective_dt_tf = new javax.swing.JTextField();  
    next_bt = new javax.swing.JButton();  
    pre_bt = new javax.swing.JButton();  
    first_bt = new javax.swing.JButton();  
    last_bt = new javax.swing.JButton();  
    record_tf = new javax.swing.JTextField();  
    jLabel13 = new javax.swing.JLabel();  
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
    setTitle("Rate Master Search Form..");  
    setResizable(false);  
    jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
    jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
```



```
jLabel3.setText("FIELD NAME");

jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel5.setText("MRP");

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel1.setText("PRODUCT CODE");

jLabel1.setMaximumSize(new java.awt.Dimension(168, 11));

jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel2.setText("PRODUCT NAME");

jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel7.setText("EFFECTIVE DATE");

jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel4.setText("PACK SIZE");

jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel6.setText("RETAILER COMMISION");

PCODE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
PCODE_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        PCODE_tfActionPerformed(evt);
    }
});
PCODE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
FIELD_NAME_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
PACK_SIZE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```



```
mrp_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
retailer_com_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
effective_dt_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
effective_dt_tf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        effective_dt_tfActionPerformed(evt);
    }
});
next_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
next_bt.setText(">");
next_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        next_btActionPerformed(evt);
    }
});
pre_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
pre_bt.setText("<");
pre_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        pre_btActionPerformed(evt);
    }
});
first_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
first_bt.setText("<<");
first_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        first_btActionPerformed(evt);
    }
});
last_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
last_bt.setText(">>");
last_bt.addActionListener(new java.awt.event.ActionListener() {
```





```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 201,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 201,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(71, 71, 71)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(field_name_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(pack_size_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(mrp_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(retailer_com_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(effective_dt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(pcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(70, 70, 70))

.addGroup(layout.createSequentialGroup())
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(235, 235, 235)
            .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createSequentialGroup()
            .addGap(144, 144, 144)
            .addComponent(first_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap(144, Short.MAX_VALUE))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(pre_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(last_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)));

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {first_bt,
last_bt});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {next_bt,
pre_bt});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{effective_dt_tf, field_name_tf, mrp_tf, pack_size_tf, pcode_tf, pname_tf, retailer_com_tf});

layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7});

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(pcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 33, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(field_name_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(pack_size_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(mrp_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(retailer_com_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel6))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(effective_dt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel7))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(first_bt)

.addComponent(pre_bt)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(next_bt)

.addComponent(last_bt))

.addGap(26, 26, 26))  );

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {first_bt,
last_bt});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {next_bt,
pre_bt});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{effective_dt_tf, field_name_tf, mrp_tf, pack_size_tf, pcode_tf, pname_tf, retailer_com_tf});

layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {jLabel1,
jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel7});

pack();

}// </editor-fold>

private void pre_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

if(rs.isFirst())

JOptionPane.showMessageDialog(this,"You are already at first record",
"record",JOptionPane.INFORMATION_MESSAGE);

else{

rs.previous();

disp();}
```



```
        } catch (SQLException ex) {  
            Logger.getLogger(RecordRate.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void first_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isFirst())  
                JOptionPane.showMessageDialog(this,"You are already at first  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.first();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordRate.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void next_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isLast())  
                JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.next();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordRate.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void last_btActionPerformed(java.awt.event.ActionEvent evt) {  
        //
```



```
try {
    if(rs.isLast())
        JOptionPane.showMessageDialog(this,"You are already at last
record","record",JOptionPane.INFORMATION_MESSAGE);
    else{
        rs.last();
        disp();
    } catch (SQLException ex) {
        Logger.getLogger(RecordRate.class.getName()).log(Level.SEVERE, null, ex);
    }
}

// Variables declaration - do not modify
private javax.swing.JTextField effective_dt_tf;
private javax.swing.JTextField field_name_tf;
private javax.swing.JButton first_bt;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JButton last_bt;
private javax.swing.JTextField mrp_tf;
private javax.swing.JButton next_bt;
private javax.swing.JTextField pack_size_tf;
private javax.swing.JTextField pcode_tf;
```



```
private javax.swing.JTextField pname_tf;
private javax.swing.JButton pre_bt;
private javax.swing.JTextField record_tf;
private javax.swing.JTextField retailer_com_tf;
// End of variables declaration
}
```

TOTAL RATE FILE RECORD FORM

```
package sudhamilk;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.table.DefaultTableModel;
public class TableRate extends javax.swing.JFrame {
    public TableRate(ResultSet rs1) throws SQLException {
        initComponents();
        this.setVisible(true);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        this.setLocationRelativeTo(null);
        rs1.beforeFirst();
        DefaultTableModel model=(DefaultTableModel)ptable.getModel();
        while(rs1.next())model.addRow(new Object[]
        {rs1.getString(1),rs1.getString(2),rs1.getString(3),rs1.getString(4),rs1.getString(5),rs1.getString(6),rs1.getString(7)});
        ptable.setModel(model);
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
```



```
private void initComponents() {  
    jScrollPane1 = new javax.swing.JScrollPane();  
    ptable = new javax.swing.JTable();  
    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
    setTitle("All Record Of Rate File..");  
    setResizable(false);  
    ptable.setModel(new javax.swing.table.DefaultTableModel(  
        new Object [][] { },  
        new String [] {  
            "Product Code", "Product Name", "Field Name", "Pack Size", "MRP", "Retailer  
            Commision", "Effective Date"  
        } )  
    {  
        Class[] types = new Class [] {  
            java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
            java.lang.String.class, java.lang.String.class, java.lang.String.class  
        };  
        public Class getColumnClass(int columnIndex) {  
            return types [columnIndex];  
        }  
    });  
    jScrollPane1.setViewportView(ptable);  
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
    getContentPane().setLayout(layout);  
    layout.setHorizontalGroup(  
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(layout.createSequentialGroup()  
                .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 836,  
                    Short.MAX_VALUE)  
            );  
        layout.setVerticalGroup(  
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 836,  
                    Short.MAX_VALUE)  
        ));  
    }  
}
```



```
.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 300,
Short.MAX_VALUE)

);

pack();

} // </editor-fold>

// Variables declaration - do not modify

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable ptable;

// End of variables declaration

}
```

SEARCH CARD TRANSACTION

```
package sudhamilk;

import java.awt.Image;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;

public class SearchCTransaction extends javax.swing.JFrame {

    Connection con;

    PreparedStatement p;

    String str,str1;

    ResultSet rs;

    Service_Form s;

    int a;
```



```
public SearchCTransaction(Service_Form sr,int a) throws SQLException, ClassNotFoundException
{
    initComponents();

    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
    this.setIconImage(img2.getImage());

    s=sr;
    this.a=a;

    ImageIcon img3=new ImageIcon(new
    ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));

    image.setIcon(img3);

    s.dispose();
    this.setLocationRelativeTo(null);
    this.getRootPane().setDefaultButton(search_bt);

    ImageIcon img=new ImageIcon(new
    ImageIcon(getClass().getResource("HomeIcon.png")).getImage().getScaledInstance(home_bt.getWidth(),home_bt.getHeight(),Image.SCALE_DEFAULT));

    home_bt.setIcon(img);

    con=ConnDb.conLink();
    tf.requestFocus();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    card_cmb = new javax.swing.JComboBox();
    search_bt = new javax.swing.JButton();
    back_bt = new javax.swing.JButton();
    all_rec = new javax.swing.JButton();
    home_bt = new javax.swing.JButton();
}
```



```
tf = new org.jdesktop.swingx.JXSearchField();

image = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);

setTitle("Card Transaction Search From..");

setPreferredSize(new java.awt.Dimension(455, 310));

setResizable(false);

getContentPane().setLayout(null);

card_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N

card_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "RETAILER
CODE", "ZONE CODE" }));

card_cmb.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        card_cmbActionPerformed(evt);

    }
});

getContentPane().add(card_cmb);

card_cmb.setBounds(37, 82, 195, 40);

search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

search_bt.setText("SEARCH");

search_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        search_btActionPerformed(evt);

    }
});

getContentPane().add(search_bt);

search_bt.setBounds(248, 153, 98, 40);

back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

back_bt.setText("<< BACK ");

back_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        back_btActionPerformed(evt);

    }    });

getContentPane().add(back_bt);

back_bt.setBounds(95, 153, 120, 40);

all_rec.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

all_rec.setText("ALL RECORD");

all_rec.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        all_recActionPerformed(evt);

    }    });

getContentPane().add(all_rec);

all_rec.setBounds(146, 211, 150, 40);

home_bt.setBorder(null);

home_bt.setBorderPainted(false);

home_bt.setContentAreaFilled(false);

home_bt.setFocusPainted(false);

home_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        home_btActionPerformed(evt);

    }    });

getContentPane().add(home_bt);

home_bt.setBounds(10, 6, 74, 64);

tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

getContentPane().add(tf);

tf.setBounds(256, 81, 148, 40);

getContentPane().add(image);

image.setBounds(0, 0, 450, 280);

pack();
```



```
// </editor-fold>

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    s.setVisible(true); }

private void search_btActionPerformed(java.awt.event.ActionEvent evt) {
    if(tf.getText().length()==0)
    {
        JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK VALUE!");
        tf.requestFocus();
    }
    else{
        str=(String)card_cmb.getSelectedItem();
        if(str.equalsIgnoreCase("RETAILER CODE"))
            str="select * from card_transaction where upper(ret_code)=?";
        else
            str="select * from card_transaction where upper(z_code)=?";
        try {
            p=con.prepareStatement(str,ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);
            p.setString(1,tf.getText().toUpperCase());
            rs=p.executeQuery();
            if(rs.next())
                new RecordCard(rs).setVisible(true);
            else
                JOptionPane.showMessageDialog(this,"retailer code or retailer name not found");
        } catch (SQLException ex) {
            JOptionPane.showMessageDialog(this, "Your Searching is unsuccesfull" , "Connection
problm", JOptionPane.ERROR_MESSAGE );
        }
    }
}

private void all_recActionPerformed(java.awt.event.ActionEvent evt) {
```



```
try {
    System.out.print("welcome");
    p=con.prepareStatement("select * from card_transaction");
    rs=p.executeQuery();
    new TableCTransaction(rs).setVisible(true);
} catch (SQLException ex) {
    Logger.getLogger(SearchCTransaction.class.getName()).log(Level.SEVERE, null, ex);
}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    try {
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(SearchCTransaction.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(SearchCTransaction.class.getName()).log(Level.SEVERE, null, ex);
    }
}

// Variables declaration - do not modify
private javax.swing.JButton all_rec;
private javax.swing.JButton back_bt;
private javax.swing.JComboBox<String> card_cmb;
private javax.swing.JButton home_bt;
private javax.swing.JLabel image;
private javax.swing.JButton search_bt;
private org.jdesktop.swingx.JXSearchField tf;
// End of variables declaration
}
```



SEARCH CARD TRANSACTION RECORD FORM

```
package sudhamilk;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;

public class RecordCard extends javax.swing.JFrame {

    ResultSet rs;

    public RecordCard(ResultSet rs1) throws SQLException {

        initComponents();

        this.setLocationRelativeTo(null);

        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

        this.setIconImage(img2.getImage());

        rs=rs1;

        disp(); }

    public void disp() throws SQLException

    {

        rcode_tf.setText(rs.getString(1));

        zcode_tf.setText(rs.getString(2));

        rroute_tf.setText(rs.getString(3));

        sfrom_tf.setText(rs.getString(4));

        sto_tf.setText(rs.getString(5));

        sshift_tf.setText(rs.getString(6));

        amt_rec_tf.setText(rs.getString(7));

        amt_ref_tf.setText(rs.getString(8));

        pcode_tf.setText(rs.getString(9));
```



```
pname_tf.setText(rs.getString(10));
pqty_tf.setText(rs.getString(13));
prate_tf.setText(rs.getString(12));
pvalue_tf.setText(rs.getString(11));
sh_ex_amt_tf.setText(rs.getString(14));
record_tf.setText("Record No.: "+ rs.getRow());
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jScrollPane1 = new javax.swing.JScrollPane();
    jPanel1 = new javax.swing.JPanel();
    record_tf = new javax.swing.JTextField();
    rcode_tf = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    pre_bt = new javax.swing.JButton();
    pvalue_tf = new javax.swing.JTextField();
    jLabel14 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    pqty_tf = new javax.swing.JTextField();
    pname_tf = new javax.swing.JTextField();
    amt_rec_tf = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    jLabel9 = new javax.swing.JLabel();
    pcode_tf = new javax.swing.JTextField();
    amt_ref_tf = new javax.swing.JTextField();
```



```
sfrom_tf = new javax.swing.JTextField();  
prate_tf = new javax.swing.JTextField();  
jLabel10 = new javax.swing.JLabel();  
sshift_tf = new javax.swing.JTextField();  
first_bt = new javax.swing.JButton();  
jLabel13 = new javax.swing.JLabel();  
jLabel11 = new javax.swing.JLabel();  
jLabel5 = new javax.swing.JLabel();  
jLabel12 = new javax.swing.JLabel();  
rroute_tf = new javax.swing.JTextField();  
jLabel2 = new javax.swing.JLabel();  
last_bt = new javax.swing.JButton();  
jLabel1 = new javax.swing.JLabel();  
sto_tf = new javax.swing.JTextField();  
sh_ex_amt_tf = new javax.swing.JTextField();  
next_bt = new javax.swing.JButton();  
zcode_tf = new javax.swing.JTextField();  
jLabel15 = new javax.swing.JLabel();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Card Transaction Search Form..");  
setResizable(false);  
record_tf.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N  
rcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);  
jLabel4.setText("SUPPLY TO");  
pre_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N  
pre_bt.setText("<");
```



```
pre_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        pre_btActionPerformed(evt);
    }
});

pvalue_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel14.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel14.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel14.setText("SHORT EXCESS AMOUNT");
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel3.setText("SUPPLY FROM");
jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel7.setText("AMOUNT REFERENCE");
jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel8.setText("ROUTE NO.");
pqty_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
amt_rec_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel6.setText("AMOUNT RECEIVED");
jLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel9.setText("PRODUCT CODE");
PCODE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
amt_ref_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```



```
sfrom_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
prate_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel10.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel10.setText("PRODUCT NAME");
sshift_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
first_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
first_bt.setText("<<");  

first_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        first_btActionPerformed(evt);
    }
});  

jLabel13.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel13.setText("PRODUCT VALUE");
jLabel11.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel11.setText("PRODUCT QUANTITY");
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel5.setText("SHIFT");
jLabel12.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel12.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel12.setText("PRODUCT RATE");
rroute_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel2.setText("ZONE CODE");
```



```
last_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
last_bt.setText(">>");
last_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        last_btActionPerformed(evt);
    }
});
```

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel1.setText("RETAILER CODE");
jLabel1.setMaximumSize(new java.awt.Dimension(168, 11));
sto_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
sh_ex_amt_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
next_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
next_bt.setText(">");
next_bt.addActionListener(new java.awt.event.ActionListener() {
 public void actionPerformed(java.awt.event.ActionEvent evt) {
 next_btActionPerformed(evt);
 }
});

zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel15.setFont(new java.awt.Font("Algerian", 0, 24)); // NOI18N
jLabel15.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel15.setText("RECORD");
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
 jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
 .addGroup(jPanel1Layout.Alignment.TRAILING,
iPanel1Layout.createSequentialGroup()



```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(first_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(pre_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(last_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(152, 152, 152))

.addGroup(jPanel1Layout.createSequentialGroup())
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(44, 44, 44)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 211,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(71, 71, 71)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(amt_ref_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(amt_rec_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sshift_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sto_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sfrom_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(rroute_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(zcode_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(rcode_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pvalue_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sh_ex_amt_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(247, 247, 247)

.addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addContainerGap(78, Short.MAX_VALUE)) );  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{amt_rec_tf, amt_ref_tf, pcode_tf, pname_tf, pqty_tf, prate_tf, pvalue_tf, rcode_tf, rroute_tf,
sfrom_tf, sh_ex_amt_tf, sshift_tf, sto_tf, zcode_tf});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{first_bt, last_bt});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{next_bt, pre_bt});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{jLabel1, jLabel10, jLabel11, jLabel12, jLabel13, jLabel14, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6,
jLabel7, jLabel8, jLabel9});
```



```
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE, 52,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addComponent(rcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 39,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
            .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
            .addComponent(sfrom_tf))  
            .addGap(18, 18, 18)  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,  
                javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(sto_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(sshift_tf))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(amt_rec_tf))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(amt_ref_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pvalue_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sh_ex_amt_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(first_bt)

.addComponent(pre_bt)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(next_bt)

.addComponent(last_bt))

.addGap(26, 26, 26)) );
```



```
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{amt_rec_tf, amt_ref_tf, pcode_tf, pname_tf, pqty_tf, prate_tf, pvalue_tf, rcode_tf, rroute_tf,  
sfrom_tf, sh_ex_amt_tf, sshift_tf, sto_tf, zcode_tf});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{first_bt, last_bt});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{next_bt, pre_bt});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{jLabel1, jLabel10, jLabel11, jLabel12, jLabel13, jLabel14, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6,  
jLabel7, jLabel8, jLabel9});  
  
jScrollPane1.setViewportView(jPanel1);  
  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
  
getContentPane().setLayout(layout);  
  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,  
        javax.swing.GroupLayout.DEFAULT_SIZE, 737, Short.MAX_VALUE)    );  
  
layout.setVerticalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,  
        javax.swing.GroupLayout.DEFAULT_SIZE, 580, Short.MAX_VALUE)    );  
  
pack();  
}// </editor-fold>  
  
private void pre_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
try {  
    if(rs.isFirst())  
        JOptionPane.showMessageDialog(this,"You are already at first record",  
"record",JOptionPane.INFORMATION_MESSAGE);  
    else{  
        rs.previous();  
        disp();  
    }  
}
```



```
        } catch (SQLException ex) {  
            Logger.getLogger(RecordCard.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void next_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isLast())  
                JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.next();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordCard.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void last_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isLast())  
                JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.last();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordCard.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void first_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.isFirst())  
                JOptionPane.showMessageDialog(this,"You are already at first  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.first();  
                disp();}  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordCard.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
}
```



```
try {
    if(rs.isFirst())
        JOptionPane.showMessageDialog(this,"You are already at first record",
"record",JOptionPane.INFORMATION_MESSAGE);
    else{
        rs.first();
        disp();}
} catch (SQLException ex) {
    Logger.getLogger(RecordCard.class.getName()).log(Level.SEVERE, null, ex);
}
}

// Variables declaration - do not modify
private javax.swing.JTextField amt_rec_tf;
private javax.swing.JTextField amt_ref_tf;
private javax.swing.JButton first_bt;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
```



```
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JButton last_bt;
private javax.swing.JButton next_bt;
private javax.swing.JTextField pcode_tf;
private javax.swing.JTextField pname_tf;
private javax.swing.JTextField pqty_tf;
private javax.swing.JTextField prate_tf;
private javax.swing.JButton pre_bt;
private javax.swing.JTextField pvalue_tf;
private javax.swing.JTextField rcode_tf;
private javax.swing.JTextField record_tf;
private javax.swing.JTextField rroute_tf;
private javax.swing.JTextField sfrom_tf;
private javax.swing.JTextField sh_ex_amt_tf;
private javax.swing.JTextField sshift_tf;
private javax.swing.JTextField sto_tf;
private javax.swing.JTextField zcode_tf;
// End of variables declaration
}
```

TOTAL CARD TRANSACTION RECORD FORM

package sudhamilk;



```
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.table.DefaultTableModel;
public class TableCTransaction extends javax.swing.JFrame {

    public TableCTransaction(ResultSet rs1) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        DefaultTableModel model=(DefaultTableModel) c_table.getModel();
        while(rs1.next())
            model.addRow(new Object[]
{rs1.getString(1),rs1.getString(2),rs1.getString(3),rs1.getString(4),rs1.getString(5),rs1.getString(6),rs1.getString(7),rs1.getString(8),rs1.getString(9),rs1.getString(10),rs1.getString(13),rs1.getString(12),rs1.getString(11),rs1.getString(14)});
        c_table.setModel(model);
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jScrollPane1 = new javax.swing.JScrollPane();
        c_table = new javax.swing.JTable();
        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
        setTitle("All Record of Card Transaction.. ");
        setResizable(false);
        c_table.setModel(new javax.swing.table.DefaultTableModel(

```



```
new Object [][] {      },
new String [] {
    "Retailer Code", "Zone Code", "Route No.", "Supply From", "Supply To", "Shift", "Amount
Received", "Amount Reference", "Product Code", "Product Name", "Product Quantity", "Product
Rate", "Product Value", "Short Excess Amount"
}    )
{   Class[] types = new Class [] {
    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
java.lang.String.class, java.lang.String.class
};

public Class getColumnClass(int columnIndex) {
    return types [columnIndex];
}    });
jScrollPane1.setViewportView(c_table);
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 1688,
Short.MAX_VALUE)    );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 452,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroupGap(0, 0, Short.MAX_VALUE))    );
pack();
}// </editor-fold>
```



```
// Variables declaration - do not modify

private javax.swing.JTable c_table;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}
```

DEMAND TABLE

```
package sudhamilk;

import java.awt.Image;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.ImageIcon;

import javax.swing.JOptionPane;4

public class SearchDemand extends javax.swing.JFrame {

    Connection con;

    ResultSet rs;

    PreparedStatement p;

    String str;

    Service_Form s;

    int a;

    public SearchDemand(Service_Form sr,int a) throws SQLException, ClassNotFoundException {

        initComponents();

        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

        this.setIconImage(img2.getImage());
```



```
s=sr;

ImageIcon img3=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),ima
ge.getHeight(),Image.SCALE_DEFAULT));

image.setIcon(img3);

this.a=a;

s.dispose();

this.setLocationRelativeTo(null);

this.getRootPane().setDefaultButton(search_bt);

ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("HomeIcon.png")).getImage().getScaledInstance(home_bt.getWi
dth(),home_bt.getHeight(),Image.SCALE_DEFAULT));

home_bt.setIcon(img);

con=ConnDb.conLink();

tf.requestFocus();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    demand_cmb = new javax.swing.JComboBox<>();

    back_bt = new javax.swing.JButton();

    search_bt = new javax.swing.JButton();

    all_rec_bt = new javax.swing.JButton();

    home_bt = new javax.swing.JButton();

    tf = new org.jdesktop.swingx.JXSearchField();

    image = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);

    setTitle("Demand Table Search From..");

}
```



```
setPreferredSize(new java.awt.Dimension(475, 310));

setResizable(false);

getContentPane().setLayout(null);

demand_cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 18)); // NOI18N

demand_cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "RETAILER
CODE", "ZONE CODE" }));

getContentPane().add(demand_cmb);

demand_cmb.setBounds(42, 82, 206, 40);

back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

back_bt.setText("<< BACK ");

back_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        back_btActionPerformed(evt);

    }
});

getContentPane().add(back_bt);

back_bt.setBounds(111, 152, 120, 35);

search_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

search_bt.setText("SEARCH");

search_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        search_btActionPerformed(evt);

    }
});

getContentPane().add(search_bt);

search_bt.setBounds(249, 152, 98, 35);

all_rec_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

all_rec_bt.setText("ALL RECORD");

all_rec_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
        all_rec_btActionPerformed(evt);
    }
});

getContentPane().add(all_rec_bt);
all_rec_bt.setBounds(158, 205, 150, 36);
home_bt.setBorder(null);
home_bt.setBorderPainted(false);
home_bt.setContentAreaFilled(false);
home_bt.setFocusPainted(false);
home_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        home_btActionPerformed(evt);
    }
});
getContentPane().add(home_bt);
home_bt.setBounds(10, 11, 73, 59);
tf.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
getContentPane().add(tf);
tf.setBounds(279, 81, 150, 40);
getContentPane().add(image);
image.setBounds(0, 0, 470, 280);
pack();
}// </editor-fold>

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    s.setVisible(true);
}

private void search_btActionPerformed(java.awt.event.ActionEvent evt) {
    if(tf.getText().length()==0)
{
```



```
JOptionPane.showMessageDialog(this,"Searching is unsuccesfull because of BLANK  
VALUE!");  
  
        tf.requestFocus();  
  
    }  
  
    else{  
  
        str=(String)demand_cmb.getSelectedItem();  
  
        if(str.equalsIgnoreCase("RETAILER CODE"))  
  
            str="select * from demand_table where upper(ret_code)=?";  
  
        else  
  
            str="select * from demand_table where upper(z_code)=?";  
  
        try {  
p=con.prepareStatement(str,ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_READ_ONLY  
);  
  
        p.setString(1,tf.getText().toUpperCase());  
  
        rs=p.executeQuery();  
  
        if(rs.next())  
  
            new RecordDemand(rs).setVisible(true);  
  
        else  
  
            JOptionPane.showMessageDialog(this,"retailer code or retailer name not found");  
        } catch (SQLException ex) {  
  
            JOptionPane.showMessageDialog(this, "Your Searching is unsuccesfull" , "Connection  
problem", JOptionPane.ERROR_MESSAGE );  
  
        }  
  
    }  
  
private void all_rec_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
    try {  
  
        p=con.prepareStatement("select * from demand_table");  
  
        rs=p.executeQuery();
```



```
        new TableDemand(rs).setVisible(true);

    } catch (SQLException ex) {

        Logger.getLogger(SearchDemand.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void home_btActionPerformed(java.awt.event.ActionEvent evt) {

    this.dispose();
    try {

        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {

        Logger.getLogger(SearchDemand.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {

        Logger.getLogger(SearchDemand.class.getName()).log(Level.SEVERE, null, ex);
    }
}

// Variables declaration - do not modify

private javax.swing.JButton all_rec_bt;
private javax.swing.JButton back_bt;
private javax.swing.JComboBox<String> demand_cmb;
private javax.swing.JButton home_bt;
private javax.swing.JLabel image;
private javax.swing.JButton search_bt;
private org.jdesktop.swingx.JXSearchField tf;
// End of variables declaration

}
```

SEARCH DEMAND TABLE RECORD FORM

package sudhamilk;



```
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class RecordDemand extends javax.swing.JFrame {

    ResultSet rs;
    public RecordDemand(ResultSet rs1) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        rs=rs1;
        disp();
    }
    public void disp() throws SQLException
    {
        rcode_tf.setText(rs.getString(1));
        rstatus_tf.setText(rs.getString(2));
        zcode_tf.setText(rs.getString(3));
        rroute_tf.setText(rs.getString(4));
        sdate_tf.setText(rs.getString(5));
        sshift_tf.setText(rs.getString(6));
        amt_rec_tf.setText(rs.getString(7));
        pkcode_tf.setText(rs.getString(8));
        pkname_tf.setText(rs.getString(9));
        pqty_tf.setText(rs.getString(10));
    }
}
```



```
prate_tf.setText(rs.getString(11));
pvalue_tf.setText(rs.getString(12));
record_tf.setText("record no.: "+ rs.getRow());
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jScrollPane1 = new javax.swing.JScrollPane();
    jScrollPane2 = new javax.swing.JScrollPane();
    jPanel1 = new javax.swing.JPanel();
    rcode_tf = new javax.swing.JTextField();
    sshift_tf = new javax.swing.JTextField();
    jLabel12 = new javax.swing.JLabel();
    next_bt = new javax.swing.JButton();
    last_bt = new javax.swing.JButton();
    rstatus_tf = new javax.swing.JTextField();
    jLabel15 = new javax.swing.JLabel();
    jLabel10 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    zcode_tf = new javax.swing.JTextField();
    jLabel11 = new javax.swing.JLabel();
    pqty_tf = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    first_bt = new javax.swing.JButton();
    jLabel6 = new javax.swing.JLabel();
    jLabel13 = new javax.swing.JLabel();
    pkcode_tf = new javax.swing.JTextField();
    jLabel8 = new javax.swing.JLabel();
```



```
jLabel5 = new javax.swing.JLabel();  
pre_bt = new javax.swing.JButton();  
jLabel9 = new javax.swing.JLabel();  
jLabel1 = new javax.swing.JLabel();  
jLabel2 = new javax.swing.JLabel();  
amt_rec_tf = new javax.swing.JTextField();  
record_tf = new javax.swing.JTextField();  
sdate_tf = new javax.swing.JTextField();  
pvalue_tf = new javax.swing.JTextField();  
prate_tf = new javax.swing.JTextField();  
rroute_tf = new javax.swing.JTextField();  
pkname_tf = new javax.swing.JTextField();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Demand Table Search Form..");  
setResizable(false);  
jScrollPane2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISE));  
rcode_tf.setEditable(false);  
rcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
sshift_tf.setEditable(false);  
sshift_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel12.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel12.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);  
jLabel12.setText("PRODUCT RATE");  
next_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N  
next_bt.setText(">");  
next_bt.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        next_btActionPerformed(evt);  
    }  
});
```



```
    });

last_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N

last_bt.setText(">>");

last_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        last_btActionPerformed(evt);

    }
});

rstatus_tf.setEditable(false);

rstatus_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel15.setFont(new java.awt.Font("Algerian", 0, 24)); // NOI18N

jLabel15.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel15.setText("RECORD");

jLabel10.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);

jLabel10.setText("PACKAGE NAME");

jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);

jLabel3.setText("ROUTE NO.");

zcode_tf.setEditable(false);

zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel11.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);

jLabel11.setText("PRODUCT QUANTITY");

pqty_tf.setEditable(false);

pqty_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);

jLabel4.setText("SUPPLY DATE");
```



```
first_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
first_bt.setText("<<");
first_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        first_btActionPerformed(evt);
    }
});
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel6.setText("AMOUNT RECEIVED");
jLabel13.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel13.setText("PRODUCT VALUE");
pkcode_tf.setEditable(false);
pkcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel8.setText("ZONE CODE");
jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel5.setText("SHIFT");
pre_bt.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
pre_bt.setText("<<");
pre_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        pre_btActionPerformed(evt);
    }
});
jLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel9.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
```



```
jLabel9.setText("PACKAGE CODE");

jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel1.setText("RETAILER CODE");
jLabel1.setMaximumSize(new java.awt.Dimension(168, 11));
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.TRAILING);
jLabel2.setText("RETAILER STATUS");
amt_rec_tf.setEditable(false);
amt_rec_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
amt_rec_tf.setText("amount refrence ??????");
record_tf.setEditable(false);
record_tf.setFont(new java.awt.Font("Elephant", 1, 12)); // NOI18N
sdate_tf.setEditable(false);
sdate_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pvalue_tf.setEditable(false);
pvalue_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pvalue_tf.setText("xxxxxxxx");
prate_tf.setEditable(false);
prate_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rroute_tf.setEditable(false);
rroute_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pkname_tf.setEditable(false);
pkname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

    .addGap(38, 38, 38)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 183,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(71, 71, 71)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false

    .addComponent(amt_rec_tf, javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addComponent(sshift_tf, javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(sdate_tf, javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(rroute_tf, javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(zcode_tf, javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(rstatus_tf, javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(rcode_tf, javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(pkcode_tf)
.addComponent(pkname_tf)
.addComponent(prate_tf)

.addComponent(pvalue_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 284,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(70, 70, 70))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(123, 123, 123)

.addComponent(first_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(pre_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 45,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(next_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(last_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGroup(jPanel1Layout.createSequentialGroup()
    .addGap(205, 205)
    .addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE))    );
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{amt_rec_tf, pkcode_tf, pkname_tf, pqty_tf, prate_tf, pvalue_tf, rcode_tf, rroute_tf, rstatus_tf,
sdate_tf, sshift_tf, zcode_tf});
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{first_bt, last_bt});
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{next_bt, pre_bt});
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{jLabel1, jLabel10, jLabel11, jLabel12, jLabel13, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel8,
jLabel9});
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(rcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(rstatus_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(rroute_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(sdate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(sshift_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(amt_rec_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pkcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(pkname_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(pvalue_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(36, 36, 36)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(first_bt)

    .addComponent(pre_bt)

    .addComponent(record_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(next_bt)

    .addComponent(last_bt))

    .addGap(30, 30, 30)));

```



```
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{jLabel1, jLabel10, jLabel11, jLabel12, jLabel13, jLabel2, jLabel3, jLabel4, jLabel5, jLabel6, jLabel8,  
jLabel9});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{amt_rec_tf, pkcode_tf, pkname_tf, pqty_tf, prate_tf, pvalue_tf, rcode_tf, rroute_tf, rstatus_tf,  
sdate_tf, sshift_tf, zcode_tf});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{first_bt, last_bt});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{next_bt, pre_bt});  
  
jScrollPane2.setViewportView(jPanel1);  
  
jScrollPane1.setViewportView(jScrollPane2);  
  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
  
getContentPane().setLayout(layout);  
  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,  
        javax.swing.GroupLayout.DEFAULT_SIZE, 650, Short.MAX_VALUE));  
  
layout.setVerticalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING,  
        javax.swing.GroupLayout.DEFAULT_SIZE, 536, Short.MAX_VALUE));  
  
pack();  
}// </editor-fold>  
  
private void pre_btActionPerformed(java.awt.event.ActionEvent evt) {  
  
try {  
    if(rs.isFirst())  
        JOptionPane.showMessageDialog(this,"You are already at first record",  
"record",JOptionPane.INFORMATION_MESSAGE);  
    else{  
  
    
```



```
        rs.previous();

        disp();

    }

} catch (SQLException ex) {

    Logger.getLogger(RecordDemand.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void first_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

    if(rs.isFirst())

        JOptionPane.showMessageDialog(this,"You are already at first record",
"record",JOptionPane.INFORMATION_MESSAGE);

    else{

        rs.first();

        disp();

    }

} catch (SQLException ex) {

    Logger.getLogger(RecordDemand.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void next_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

    if(rs.last())

        JOptionPane.showMessageDialog(this,"You are already at last
record","record",JOptionPane.INFORMATION_MESSAGE);

    else{

        rs.next();

        disp();

    }

}
```



```
        } catch (SQLException ex) {  
            Logger.getLogger(RecordDemand.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    private void last_btActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
            if(rs.last())  
                JOptionPane.showMessageDialog(this,"You are already at last  
record","record",JOptionPane.INFORMATION_MESSAGE);  
            else{  
                rs.last();  
                disp();  
            }  
        } catch (SQLException ex) {  
            Logger.getLogger(RecordDemand.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
  
    // Variables declaration - do not modify  
    private javax.swing.JTextField amt_rec_tf;  
    private javax.swing.JButton first_bt;  
    private javax.swing.JLabel jLabel1;  
    private javax.swing.JLabel jLabel10;  
    private javax.swing.JLabel jLabel11;  
    private javax.swing.JLabel jLabel12;  
    private javax.swing.JLabel jLabel13;  
    private javax.swing.JLabel jLabel15;  
    private javax.swing.JLabel jLabel2;  
    private javax.swing.JLabel jLabel3;
```



```
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JButton last_bt;
private javax.swing.JButton next_bt;
private javax.swing.JTextField pkcode_tf;
private javax.swing.JTextField pkname_tf;
private javax.swing.JTextField pqty_tf;
private javax.swing.JTextField prate_tf;
private javax.swing.JButton pre_bt;
private javax.swing.JTextField pvalue_tf;
private javax.swing.JTextField rcode_tf;
private javax.swing.JTextField record_tf;
private javax.swing.JTextField rroute_tf;
private javax.swing.JTextField rstatus_tf;
private javax.swing.JTextField sdate_tf;
private javax.swing.JTextField sshift_tf;
private javax.swing.JTextField zcode_tf;
// End of variables declaration
}
```

TOTAL DEMAND TABLE RECORD FORM

```
package sudhamilk;
import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.table.DefaultTableModel;
public class TableDemand extends javax.swing.JFrame {
    public TableDemand(ResultSet rs) throws SQLException {
        initComponents();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        DefaultTableModel model=new DefaultTableModel(new String[] {"Retailer Code","Retailer Status","Zone Code","Route No.","Supply Date","Shift","Amount Received","Package Code","Package Name","Product Quantity","Product Rate","Product value","sh_ex_amount"},0);
        while(rs.next())
            model.addRow(new Object[]
{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),rs.getString(5),rs.getString(6),rs.getString(7),rs.getString(8),rs.getString(9),rs.getString(10),rs.getString(11),rs.getString(12),rs.getString(13)});
        d_table.setModel(model);
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jScrollPane1 = new javax.swing.JScrollPane();
        d_table = new javax.swing.JTable();
        setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
        setTitle("All Record of Demand Table..");
        setResizable(false);
        d_table.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] { },
            new String [] {
}
        ));
    }
}
```



```
"Retailer Code", "Retailer Status", "Zone Code", "Route No.", "Supply Date", "Shift",
"Amount Received", "Package Code", "Package Name", "Product Quantity", "Product Rate",
"Product Value", "Sh_ex_amount"

}    )

{   Class[] types = new Class [] {

    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
    java.lang.String.class      };

    public Class getColumnClass(int columnIndex) {

        return types [columnIndex];
    }    });

jScrollPane1.setViewportView(d_table);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1135,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(0, 0, Short.MAX_VALUE))      );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 481,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE))      );
    pack();
}

// </editor-fold>

// Variables declaration - do not modify
```



```
private javax.swing.JTable d_table;  
private javax.swing.JScrollPane jScrollPane1;  
// End of variables declaration  
}
```

UPDATE ZONE MASTER

```
package sudhamilk;  
import java.awt.Image;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
public class Update_Zone extends javax.swing.JFrame {  
    Connection con;  
    PreparedStatement n;  
    ResultSet rs;  
    public Update_Zone() throws SQLException, ClassNotFoundException {  
        initComponents();  
        con=ConnDb.conLink();  
        this.getRootPane().setDefaultButton(updt_bt);  
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
        this.setIconImage(img2.getImage());  
        this.setLocationRelativeTo(null);
```



```
zname_tf.setEditable(false);
zloca_tf.setEditable(false);
zdist_cmb.setEnabled(false);
updt_bt.setEnabled(false);
}

public void zcodeLength()
{
    if(zcode_tf.getText().length()==0)
    {
        JOptionPane.showMessageDialog(this,"Plz enter zone code");
        zcode_tf.requestFocus();
        zloca_ch.setSelected(false);
        zdist_ch.setSelected(false);
        zloca_tf.setEditable(false);
    }
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel1 = new javax.swing.JLabel();
    zcode_tf = new javax.swing.JTextField();
    zloca_ch = new javax.swing.JCheckBox();
    zdist_ch = new javax.swing.JCheckBox();
    zname_tf = new javax.swing.JTextField();
    zloca_tf = new javax.swing.JTextField();
    back_bt = new javax.swing.JButton();
    updt_bt = new javax.swing.JButton();
    zdist_cmb = new javax.swing.JComboBox<>();
```



```
jLabel2 = new javax.swing.JLabel();  
  
image = new javax.swing.JLabel();  
  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
  
setTitle("Zone Update Form..");  
  
setPreferredSize(new java.awt.Dimension(540, 410));  
  
setResizable(false);  
  
getContentPane().setLayout(null);  
  
jLabel1.setFont(new java.awt.Font("Elephant", 1, 14)); // NOI18N  
  
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
  
jLabel1.setText("ZONE CODE");  
  
getContentPane().add(jLabel1);  
  
jLabel1.setBounds(67, 31, 155, 32);  
  
zcode_tf.setFont(new java.awt.Font("Elephant", 1, 14)); // NOI18N  
  
zcode_tf.addFocusListener(new java.awt.event.FocusAdapter() {  
  
    public void focusLost(java.awt.event.FocusEvent evt) {  
  
        zcode_tfFocusLost(evt);  
  
    }    });  
  
zcode_tf.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        zcode_tfActionPerformed(evt);  
  
    }    });  
  
getContentPane().add(zcode_tf);  
  
zcode_tf.setBounds(276, 31, 215, 32);  
  
zloca_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
  
zloca_ch.setText("LOCATION");  
  
zloca_ch.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        zloca_chActionPerformed(evt);  
  
    }    })
```



```
    }    });

getContentPane().add(zloca_ch);

zloca_ch.setBounds(40, 171, 156, 36);

zdist_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

zdist_ch.setText("DISTRICT");

zdist_ch.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        zdist_chActionPerformed(evt);

    }    });

getContentPane().add(zdist_ch);

zdist_ch.setBounds(40, 253, 156, 36);

zname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

getContentPane().add(zname_tf);

zname_tf.setBounds(252, 101, 268, 36);

zloca_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

getContentPane().add(zloca_tf);

zloca_tf.setBounds(252, 171, 268, 36);

back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

back_bt.setText("<< BACK ");

back_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        back_btActionPerformed(evt);

    }    });

getContentPane().add(back_bt);

back_bt.setBounds(142, 326, 116, 34);

updt_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

updt_bt.setText("UPDATE");

updt_bt.addActionListener(new java.awt.event.ActionListener() {
```



```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    updт_btActionPerformed(evt);  
}  
});  
getContentPane().add(updт_bt);  
updт_bt.setBounds(327, 326, 114, 34);  
zdist.cmb.setFont(new java.awt.Font("Bookman Old Style", 1, 12)); // NOI18N  
zdist.cmb.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {"CHAPRA",  
"HAJIPURA", "PATNA", "SHEKHPURA"}));  
  
zdist.cmb.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        zdist.cmbActionPerformed(evt);  
    }  
});  
getContentPane().add(zdist.cmb);  
zdist.cmb.setBounds(252, 253, 268, 36);  
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel2.setText(" ZONE NAME");  
getContentPane().add(jLabel2);  
jLabel2.setBounds(40, 101, 156, 36);  
getContentPane().add(image);  
image.setBounds(0, 0, 560, 390);  
pack();  
}// </editor-fold>  
  
private void back_btActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose(); }  
  
private void zloca_chActionPerformed(java.awt.event.ActionEvent evt) {  
zcodeLength();  
{if(zloca_ch.isSelected())  
{    zloca_tf.setEditable(true);  
}}  
}
```



```
zloca_tf.requestFocus();  
}  
else  
zloca_tf.setEditable(false);  
}  
}  
  
private void zdist_chActionPerformed(java.awt.event.ActionEvent evt) {  
zcodeLength();  
if(zdist_ch.isSelected())  
{  
zdist_cmb.setEnabled(true);  
zdist_cmb.requestFocus();  
}  
else  
zdist_cmb.setEnabled(false);  
}  
  
private void updt_btActionPerformed(java.awt.event.ActionEvent evt) {  
try {  
n=con.prepareStatement("update zone_master set zname=?,loc=?,dist=? where  
upper(zcode)=?");  
n.setString(1,zname_tf.getText());  
n.setString(2,zloca_tf.getText());  
n.setString(3,(String)zdist_cmb.getSelectedItem());  
n.setString(4,zcode_tf.getText().toUpperCase());  
int r=n.executeUpdate();  
JOptionPane.showMessageDialog(this,"Total row updated:"+r);  
} catch (SQLException ex) {  
Logger.getLogger(Update_Zone.class.getName()).log(Level.SEVERE, null, ex);  
}
```



```
        }

zcode_tf.setText("");
zname_tf.setText("");
zloca_tf.setText("");
zdist_cmb.setEnabled(false);
//zname_ch.setEnabled(false);
zloca_ch.setSelected(false);
zdist_ch.setSelected(false);
zcode_tf.requestFocus();

}

private void zcode_tfFocusLost(java.awt.event.FocusEvent evt) {
if(!(zcode_tf.getText().length()==0))
try {
upd_bt.setEnabled(true);
n=con.prepareStatement("select *from zone_master where upper(zcode)=?");
n.setString(1,zcode_tf.getText().toUpperCase());
rs=n.executeQuery();
rs.next();
zname_tf.setText(rs.getString(2));
zloca_tf.setText(rs.getString(3));
zdist_cmb.setSelectedItem((String)rs.getString(4));
} catch (SQLException ex) {
Logger.getLogger(Update_Zone.class.getName()).log(Level.SEVERE, null, ex);
}
}

// Variables declaration - do not modify
private javax.swing.JButton back_bt;
private javax.swing.JLabel image;
```



```
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JButton updtt_bt;
private javax.swing.JTextField zcode_tf;
private javax.swing.JCheckBox zdist_ch;
private javax.swing.JComboBox<String> zdist_cmb;
private javax.swing.JCheckBox zloca_ch;
private javax.swing.JTextField zloca_tf;
private javax.swing.JTextField zname_tf;
// End of variables declaration
}
```

UPDATE RETAILER MASTER

```
package sudhamilk;
import java.awt.Image;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class UpdateRetailer extends javax.swing.JFrame {
    Connection con;
    PreparedStatement n;
    ResultSet rs;
    int ctr;
```



```
public UpdateRetailer() throws SQLException, ClassNotFoundException {  
    initComponents();  
    con=ConnDb.conLink();  
    this.getRootPane().setDefaultButton(updt_bt);  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
    this.setIconImage(img2.getImage());  
    this.setLocationRelativeTo(null);  
    rname_tf.setEditable(false);  
    zcode_cmb.setEnabled(false);  
    rroute_tf.setEditable(false);  
    rcont_tf.setEditable(false);  
    rloca_tf.setEditable(false);  
    rdist_tf.setEditable(false);  
    roff_ref_tf.setEditable(false);  
    rref_dt_tf.setEditable(false);  
    rstatus_tf.setEditable(false);  
    rrate_tf.setEditable(false);  
    booth_tf.setEditable(false);  
    updt_bt.setEnabled(false);  
    n=con.prepareStatement("select zcode from zone_master");  
    rs=n.executeQuery();  
    while(rs.next())  
    {  
        zcode_cmb.addItem(rs.getString(1));  
        ctr++;  
    }  
    public void rcodeLength()  
    {//to stop message dialog box of focusLost even for EXIT & BACK button
```



```
if (rcode_tf.getText().length()==0){  
    JOptionPane.showMessageDialog(this,"Please enter your retailer code :");  
    rcode_tf.requestFocus();  
    rname_ch.setSelected(false);  
    zcode_ch.setSelected(false);  
    rroute_ch.setSelected(false);  
    rcont_ch.setSelected(false);  
    rloca_ch.setSelected(false);  
    rdist_ch.setSelected(false);  
    roff_ref_ch.setSelected(false);  
    rref_dt_ch.setSelected(false);  
    rstatus_ch.setSelected(false);  
    rrate_ch.setSelected(false);  
    booth_ch.setSelected(false);  
}  
}  
  
private void back_btActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
}  
  
private void roff_ref_chActionPerformed(java.awt.event.ActionEvent evt) {  
    rcodeLength();  
    if(roff_ref_ch.isSelected()){  
        roff_ref_tf.setEditable(true);  
        roff_ref_tf.requestFocus();  
    }  
    else  
        roff_ref_tf.setEditable(false);  
}
```



```
private void rcode_tfFocusLost(java.awt.event.FocusEvent evt) {  
    if (!(rcode_tf.getText().length()==0)){  
        try {  
            upd_bt.setEnabled(true);  
            n=con.prepareStatement("select * from retailer_master where upper(ret_cod)=?");  
            n.setString(1,rcode_tf.getText().toUpperCase());  
            rs=n.executeQuery();  
            rs.next();  
            rname_tf.setText(rs.getString(2));  
            zcode_cmb.setSelectedItem((String)rs.getString(3));  
            rroute_tf.setText(rs.getString(4));  
            rcont_tf.setText(rs.getString(5));  
            rloca_tf.setText(rs.getString(6));  
            roff_ref_tf.setText(rs.getString(8));  
            rref_dt_tf.setText(rs.getString(9));  
            rstatus_tf.setText(rs.getString(10));  
            rrate_tf.setText(rs.getString(11));  
            booth_tf.setText(rs.getString(12));  
            n=con.prepareStatement("select dist from zone_master");  
            rs=n.executeQuery();  
            rs.next();  
            rdist_tf.setText(rs.getString(1));  
        } catch (SQLException ex) {  
            Logger.getLogger(UpdateRetailer.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
}  
  
private void rroute_chActionPerformed(java.awt.event.ActionEvent evt) {
```



```
rcodeLength();

if(rroute_ch.isSelected()){

    rroute_tf.setEditable(true);

    rroute_tf.requestFocus();

}

else

    rroute_tf.setEditable(false);

}

private void rref_dt_chActionPerformed(java.awt.event.ActionEvent evt) {

rcodeLength();

if(rref_dt_ch.isSelected()){

    rref_dt_tf.setEditable(true);

    rref_dt_tf.requestFocus();

}

else

    rref_dt_tf.setEditable(false);

}

private void updttActionPerformed(java.awt.event.ActionEvent evt) {

try {

    n=con.prepareStatement("update retailer_master set
ret_nam=?,z_code=?,route_no=?,contno=?,loc=?,district=?,off_ref=?,ref_date=?,ret_stat=?,rate_st
at=?,wd_booth=? where upper(ret_cod)=?");

    n.setString(1,rname_tf.getText());

    n.setString(2,(String)zcode_cmb.getSelectedItem());

    n.setString(3,rroute_tf.getText());

    n.setString(4,rcont_tf.getText());

    n.setString(5,rloca_tf.getText());

    n.setString(6,rdist_tf.getText());

    n.setString(7,roff_ref_tf.getText());
}
```



```
n.setString(8,rref_dt_tf.getText());  
n.setString(9,rstatus_tf.getText());  
n.setString(10,rrate_tf.getText());  
n.setString(11,booth_tf.getText());  
n.setString(12,rcode_tf.getText().toUpperCase());  
int r=n.executeUpdate();  
JOptionPane.showMessageDialog(this,"Total row updated:"+r);  
rcode_tf.setText("");  
rname_tf.setText("");  
zcode_cmb.setEnabled(false);  
rroute_tf.setText("");  
rcont_tf.setText("");  
rloca_tf.setText("");  
rdist_tf.setText("");  
roff_ref_tf.setText("");  
rref_dt_tf.setText("");  
rstatus_tf.setText("");  
rrate_tf.setText("");  
booth_tf.setText("");  
rname_ch.setSelected(false);  
zcode_ch.setSelected(false);  
rroute_ch.setSelected(false);  
rcont_ch.setSelected(false);  
rloca_ch.setSelected(false);  
rdist_ch.setSelected(false);  
roff_ref_ch.setSelected(false);  
rref_dt_ch.setSelected(false);  
rstatus_ch.setSelected(false);
```



```
rrate_ch.setSelected(false);

booth_ch.setSelected(false);

rcode_tf.requestFocus();

} catch (SQLException ex) {

    Logger.getLogger(UpdateRetailer.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void zcode_chActionPerformed(java.awt.event.ActionEvent evt) {

rcodeLength();

if(zcode_ch.isSelected()){

    zcode_cmb.setEnabled(true);

    zcode_cmb.requestFocus();

}

else

zcode_cmb.setEnabled(false);

}

private void rdist_chActionPerformed(java.awt.event.ActionEvent evt) {

rcodeLength();

if(rdist_ch.isSelected()){

    rdist_tf.setEditable(true);

    rdist_tf.requestFocus();

}

else

rdist_tf.setEditable(false);

}

private void rrate_chActionPerformed(java.awt.event.ActionEvent evt) {

rcodeLength();

if(rrate_ch.isSelected()){
```



```
    rrate_tf.setEditable(true);

    rrate_tf.requestFocus();

}

else

    rrate_tf.setEditable(false);

}

private void booth_chActionPerformed(java.awt.event.ActionEvent evt) {

    rcodeLength();

    if(booth_ch.isSelected()){

        booth_tf.setEditable(true);

        booth_tf.requestFocus();

    }

    else

        booth_tf.setEditable(false);

}

private void rname_chActionPerformed(java.awt.event.ActionEvent evt) {

    rcodeLength();

    if(rname_ch.isSelected()){

        rname_tf.setEditable(true);

        rname_tf.requestFocus();

    }

    else

        rname_tf.setEditable(false);

}

private void rstatus_chActionPerformed(java.awt.event.ActionEvent evt) {

    rcodeLength();

    if(rstatus_ch.isSelected()){

        rstatus_tf.setEditable(true);
```



```
rstatus_tf.requestFocus();  
}  
  
else  
  
rstatus_tf.setEditable(false);  
}  
  
private void rcont_chActionPerformed(java.awt.event.ActionEvent evt) {  
  
rcodeLength();  
  
if(rcont_ch.isSelected()){  
  
rcont_tf.setEditable(true);  
  
rcont_tf.requestFocus();  
}  
  
else  
  
rcont_tf.setEditable(false);  
}  
  
private void rloca_chActionPerformed(java.awt.event.ActionEvent evt) {  
  
rcodeLength();  
  
if(rloca_ch.isSelected()){  
  
rloca_tf.setEditable(true);  
  
rloca_tf.requestFocus();  
}  
  
else  
  
rloca_tf.setEditable(false);  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JButton back_bt;  
  
private javax.swing.JCheckBox booth_ch;  
  
private javax.swing.JTextField booth_tf;  
  
private javax.swing.JLabel jLabel1;
```



```
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextField rcode_tf;
private javax.swing.JCheckBox rcont_ch;
private javax.swing.JTextField rcont_tf;
private javax.swing.JCheckBox rdist_ch;
private javax.swing.JTextField rdist_tf;
private javax.swing.JCheckBox rloca_ch;
private javax.swing.JTextField rloca_tf;
private javax.swing.JCheckBox rname_ch;
private javax.swing.JTextField rname_tf;
private javax.swing.JCheckBox roff_ref_ch;
private javax.swing.JTextField roff_ref_tf;
private javax.swing.JCheckBox rrate_ch;
private javax.swing.JTextField rrate_tf;
private javax.swing.JCheckBox rref_dt_ch;
private javax.swing.JTextField rref_dt_tf;
private javax.swing.JCheckBox rroute_ch;
private javax.swing.JTextField rroute_tf;
private javax.swing.JCheckBox rstatus_ch;
private javax.swing.JTextField rstatus_tf;
private javax.swing.JButton updtn_bt;
private javax.swing.JCheckBox zcode_ch;
private javax.swing.JComboBox<String> zcode_cmb;
// End of variables declaration
}
```



UPDATE DISTRIBUTOR MASTER

```
package sudhamilk;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;

public class UpdateDistributor extends javax.swing.JFrame {

    Connection con;
    PreparedStatement n;
    ResultSet rs ;
    int ctr;

    public UpdateDistributor() throws SQLException, ClassNotFoundException {
        initComponents();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        this.setLocationRelativeTo(null);
        this.getRootPane().setDefaultButton(updt_bt);
        con=ConnDb.conLink();
        dname_tf.setEditable(false);
        zcode_cmb.setEnabled(false);
        dcont_tf.setEditable(false);
        dadd_tf.setEditable(false);
        doff_ref_tf.setEditable(false);
        dref_dt_tf.setEditable(false);
    }
}
```



```
dcom_tf.setEditable(false);
upd_bt.setEnabled(false);

n=con.prepareStatement("select zcode from zone_master");
rs=n.executeQuery();
while(rs.next() )
{
    zcode_cmb.addItem(rs.getString(1));
    ctr++;
}
}

public void dcodeLength()
{
    if (dcode_tf.getText().length()==0){

        JOptionPane.showMessageDialog(this,"Please enter your distributor code :");
        dcode_tf.requestFocus();
        dname_ch.setSelected(false);
        zcode_ch.setSelected(false);
        dcont_ch.setSelected(false);
        dadd_ch.setSelected(false);
        doff_ref_ch.setSelected(false);
        dref_dt_ch.setSelected(false);
        dcom_ch.setSelected(false);
    }
}

private void dname_chActionPerformed(java.awt.event.ActionEvent evt) {
    dcodeLength();
    if(dname_ch.isSelected()){
        dname_tf.setEditable(true);
    }
}
```



```
        dname_tf.requestFocus();  
    }  
  
    else  
  
        dname_tf.setEditable(false);  
    }  
  
private void zcode_chActionPerformed(java.awt.event.ActionEvent evt) {  
  
    dcodeLength();  
  
    if(zcode_ch.isSelected()){  
  
        zcode_cmb.setEnabled(true);  
  
        zcode_cmb.requestFocus();  
    }  
  
    else  
  
        zcode_cmb.setEnabled(false);  
}  
  
private void dcont_chActionPerformed(java.awt.event.ActionEvent evt) {  
  
    dcodeLength();  
  
    if(dcont_ch.isSelected()){  
  
        dcont_tf.setEditable(true);  
  
        dcont_tf.requestFocus();  
    }  
  
    else  
  
        dcont_tf.setEditable(false);  
}  
  
private void dadd_chActionPerformed(java.awt.event.ActionEvent evt) {  
  
    dcodeLength();  
  
    if(dadd_ch.isSelected()){  
  
        dadd_tf.setEditable(true);  
  
        dadd_tf.requestFocus();  
    }  
}
```



```
}

else

    dadd_tf.setEditable(false);

}

private void doff_ref_chActionPerformed(java.awt.event.ActionEvent evt) {

    dcodeLength();

    if(doff_ref_ch.isSelected()){

        doff_ref_tf.setEditable(true);

        doff_ref_tf.requestFocus();

    }

    else

        doff_ref_tf.setEditable(false);

}

private void dref_dt_chActionPerformed(java.awt.event.ActionEvent evt) {

dcodeLength();

if(dref_dt_ch.isSelected()){

    dref_dt_tf.setEditable(true);

    dref_dt_tf.requestFocus();

}

else

    dref_dt_tf.setEditable(false);

}

private void dcom_chActionPerformed(java.awt.event.ActionEvent evt) {

    dcodeLength();

    if(dcom_ch.isSelected()){

        dcom_tf.setEditable(true);

        dcom_tf.requestFocus();

    }

}
```



```
else
    dcom_tf.setEditable(false);

}

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
}

private void dcode_tfFocusLost(java.awt.event.FocusEvent evt) {
    if (!(dcode_tf.getText().length()==0))
    {
        try {
            upd_bt.setEnabled(true);
            n=con.prepareStatement("select * from distributor_master where upper(dist_cod)=?");
            n.setString(1,dcode_tf.getText().toUpperCase());
            rs=n.executeQuery();
            rs.next();
            dname_tf.setText(rs.getString(2));
            zcode_cmb.setSelectedItem((String)rs.getString(3));
            dcont_tf.setText(rs.getString(4));
            dadd_tf.setText(rs.getString(5));
            doff_ref_tf.setText(rs.getString(6));
            dref_dt_tf.setText(rs.getString(7));
            dcom_tf.setText(rs.getString(8));
        } catch (SQLException ex) {
            Logger.getLogger(UpdateRetailer.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
}

private void upd_btActionPerformed(java.awt.event.ActionEvent evt) {
```



```
try {  
    n=con.prepareStatement("update distributor_master set  
dist_nam=?,z_code=?,contno=?,address=?,off_ref=?,refdat=?,distcomisn=? where  
upper(dist_cod)=?");  
  
    n.setString(1,dname_tf.getText());  
  
    n.setString(2,(String)zcode_cmb.getSelectedItem());  
  
    n.setString(3,dcont_tf.getText());  
  
    n.setString(4,dadd_tf.getText());  
  
    n.setString(5,doff_ref_tf.getText());  
  
    n.setString(6,dref_dt_tf.getText());  
  
    n.setString(7,dcom_tf.getText());  
  
    n.setString(8,dcode_tf.getText().toUpperCase());  
  
    int r = n.executeUpdate();  
  
    JOptionPane.showMessageDialog(this,"Total row update :" +r);  
}  
catch (SQLException ex) {  
    Logger.getLogger(UpdateDistributor.class.getName()).log(Level.SEVERE, null, ex);  
}  
}  
  
// Variables declaration - do not modify  
  
private javax.swing.JButton back_bt;  
private javax.swing.JCheckBox dadd_ch;  
private javax.swing.JTextField dadd_tf;  
private javax.swing.JTextField dcode_tf;  
private javax.swing.JCheckBox dcom_ch;  
private javax.swing.JTextField dcom_tf;  
private javax.swing.JCheckBox dcont_ch;  
private javax.swing.JTextField dcont_tf;  
private javax.swing.JCheckBox dname_ch;  
private javax.swing.JTextField dname_tf;  
private javax.swing.JCheckBox doff_ref_ch;
```



```
private javax.swing.JTextField doff_ref_tf;
private javax.swing.JCheckBox dref_dt_ch;
private javax.swing.JTextField dref_dt_tf;
private javax.swing.JLabel jLabel1;
private javax.swing.JButton updt_bt;
private javax.swing.JCheckBox zcode_ch;
private javax.swing.JComboBox<String> zcode_cmb;
// End of variables declaration
}
```

UPADTE MAIN PRODUCT

```
package sudhamilk;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class UpdateMainProduct extends javax.swing.JFrame {
    Connection con;
    PreparedStatement p;
    ResultSet rs;
    public UpdateMainProduct() throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
    }
}
```



```
this.getRootPane().setDefaultButton(updt_bt);

this.setLocationRelativeTo(null);

mpname_tf.setEditable(false);

updt_bt.setEnabled(false);

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    jLabel1 = new javax.swing.JLabel();

    mpcode_tf = new javax.swing.JTextField();

    mpname_tf = new javax.swing.JTextField();

    mpname_ch = new javax.swing.JCheckBox();

    back_bt = new javax.swing.JButton();

    updt_bt = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("Elephant", 1, 14)); // NOI18N

    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

    jLabel1.setText("MAIN PRODUCT CODE");

    mpcode_tf.setFont(new java.awt.Font("Elephant", 1, 14)); // NOI18N

    mpcode_tf.addFocusListener(new java.awt.event.FocusAdapter() {

        public void focusLost(java.awt.event.FocusEvent evt) {

            mpcode_tfFocusLost(evt);

        }

    });

    mpname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

    mpname_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

    mpname_ch.setText("PRODUCT NAME");

    mpname_ch.addActionListener(new java.awt.event.ActionListener() {

        public void actionPerformed(java.awt.event.ActionEvent evt) {
```



```
mpname_chActionPerformed(evt);

} });

back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

back_bt.setText("<< BACK ");

back_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        back_btActionPerformed(evt);

    } });

updt_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N

updt_bt.setText("UPDATE");

updt_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        updt_btActionPerformed(evt);

    } });

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(layout.createSequentialGroup()

        .addGap(61, 61, 61)

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 218, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(53, 53, 53)

        .addComponent(mpcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 134, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(105, Short.MAX_VALUE))

    .addGroup(layout.createSequentialGroup()

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()))))
```



```
.addGap(118, 118, 118)

    .addComponent(back_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGroup(layout.createSequentialGroup()

        .addGap(42, 42, 42)

            .addComponent(mpname_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 192,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGap(69, 69, 69)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(updt_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(mpname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 223,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(0, 0, Short.MAX_VALUE))    );

layout.setVerticalGroup

    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

        .addGap(27, 27, 27)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(mpcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(43, 43, 43)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(mpname_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(mpname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(46, 46, 46)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(back_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(updt_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(27, 27, 27))    );

pack();

}// </editor-fold>

private void mpname_chActionPerformed(java.awt.event.ActionEvent evt) {

if(mpname_ch.isSelected())

{

mpname_tf.setEditable(true);

mpname_tf.requestFocus();

}

else

mpname_tf.setEditable(false);

}

private void back_btActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

}

private void updt_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

p=con.prepareStatement("update main_product set mp_name=? where
upper(mp_code)=?");

p.setString(1,mpname_tf.getText());

p.setString(2,mpcode_tf.getText().toUpperCase());

int r=p.executeUpdate();

JOptionPane.showMessageDialog(this,"Total row updated:"+r);

mpcode_tf.setText("");

mpname_tf.setText("");



```



```
mpname_ch.setSelected(false);

mpcode_tf.requestFocus();

} catch (SQLException ex) {

    Logger.getLogger(UpdateMainProduct.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void mpcode_tfFocusLost(java.awt.event.FocusEvent evt) {

if(mpcode_tf.getText().length()==0)

{

JOptionPane.showMessageDialog(this,"Plz enter main product code");

    mpcode_tf.requestFocus();

mpname_ch.setSelected(false);

mpname_tf.setEditable(false);

}

else

try {

    upd_bt.setEnabled(true);

    p=con.prepareStatement("select *from main_product where upper(mp_code)=?");

    p.setString(1,mpcode_tf.getText().toUpperCase());

    rs=p.executeQuery();

    rs.next();

    mpname_tf.setText(rs.getString(2));

} catch (SQLException ex) {

    Logger.getLogger(Update_Zone.class.getName()).log(Level.SEVERE, null, ex);

}

}

// Variables declaration - do not modify

private javax.swing.JButton back_bt;
```



```
private javax.swing.JLabel jLabel1;
private javax.swing.JTextField mpcode_tf;
private javax.swing.JCheckBox mpname_ch;
private javax.swing.JTextField mpname_tf;
private javax.swing.JButton updts_bt;
// End of variables declaration
}
```

UPDATE RATE FILE

```
package sudhamilk;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
public class UpdateRate extends javax.swing.JFrame {
    Connection con;
    PreparedStatement n;
    ResultSet rs;
    public UpdateRate() throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
    }
}
```



```
this.setIconImage(img2.getImage());

mrp_tf.setEditable(false);

this.getRootPane().setDefaultButton(updt_bt);

retailer_com_tf.setEditable(false);

effective_dt_tf.setEditable(false);

}

private void updt_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

n=con.prepareStatement("update rate_file set mrp=?,ret_comisn=?,eff_date=? where
upper(prd_code)=?");

n.setString(1,mrp_tf.getText());

n.setString(2,retailer_com_tf.getText());

n.setInt(3,Integer.parseInt(effective_dt_tf.getText()));

n.setString(4,pkcode_tf.getText().toUpperCase());

n.executeUpdate();

JOptionPane.showMessageDialog(this,"Your record has UPDATED succesfully","Successful
updation",JOptionPane.INFORMATION_MESSAGE);

} catch (SQLException ex) {

Logger.getLogger(UpdateRetailer.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void pkcode_tfFocusLost(java.awt.event.FocusEvent evt) {

if (pkcode_tf.getText().length()==0){

JOptionPane.showMessageDialog(this,"Please enter Product code :");

pkcode_tf.requestFocus();

}

else

try {

n=con.prepareStatement("select * from rate_file where upper(prd_code)=?");


```



```
n.setString(1,pkcode_tf.getText().toUpperCase());  
rs=n.executeQuery();  
rs.next();  
mrp_tf.setText(rs.getString(5));  
retailer_com_tf.setText(rs.getString(6));  
effective_dt_tf.setText(rs.getString(7));  
} catch (SQLException ex) {  
    Logger.getLogger(UpdateRetailer.class.getName()).log(Level.SEVERE, null, ex);  
}  
}  
  
private void mrp_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(mrp_ch.isSelected()){  
        mrp_tf.setEditable(true);  
        mrp_tf.requestFocus();  
    }  
    else  
        mrp_tf.setEditable(false);  
}  
  
private void back_btActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
}  
  
private void retailer_com_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(retailer_com_ch.isSelected()){  
        retailer_com_tf.setEditable(true);  
        retailer_com_tf.requestFocus();  
    }  
    else  
        retailer_com_tf.setEditable(false);
```



```
}

private void effective_dt_chActionPerformed(java.awt.event.ActionEvent evt) {

    if(effective_dt_ch.isSelected()){

        effective_dt_tf.setEditable(true);

        effective_dt_tf.requestFocus();

    }

    else

        effective_dt_tf.setEditable(false);

}

// Variables declaration - do not modify

private javax.swing.JButton back_bt;

private javax.swing.JCheckBox effective_dt_ch;

private javax.swing.JTextField effective_dt_tf;

private javax.swing.JLabel jLabel1;

private javax.swing.JCheckBox mrp_ch;

private javax.swing.JTextField mrp_tf;

private javax.swing.JTextField pkcode_tf;

private javax.swing.JCheckBox retailer_com_ch;

private javax.swing.JTextField retailer_com_tf;

private javax.swing.JButton updtt_bt;

// End of variables declaration

}
```

UPDATE CARD TRANSACTION

```
package sudhamilk;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;
```



```
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
public class UpdateCard extends javax.swing.JFrame {

    Connection con;
    PreparedStatement p,n,m;
    ResultSet rs,rs1,rs2;
    int ctr;
    boolean flag=false;
    int p_value=0,p_qty=0,p_rate=0,tm_value=0,amt_rcv=0,bal_amt=0,sh_amt=0;
    String str,s;
    public UpdateCard(int a) throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        this.setLocationRelativeTo(null);
        rcode_tf.requestFocus();
        pcode_ch.setEditable(false);
        pname_tf.setEditable(false);
        rname_tf.setEditable(false);
        zcode_tf.setEditable(false);
        prate_tf.setEditable(false);
        sfrom_ch.setSelected(false);
        sto_ch.setSelected(false);
        sshift_ch.setSelected(false);
        amt_rec_ch.setSelected(false);
        amt_ref_ch.setSelected(false);
        pqty_ch.setSelected(false);
```



```
sfrom_tf.setEditable(false);

sto_tf.setEditable(false);

sshift_tf.setEditable(false);

amt_rec_tf.setEditable(false);

amt_ref_tf.setEditable(false);

pqty_tf.setEditable(false);

}

public void cal()

{

    p_value=p_qty*p_rate;

    tm_value=tm_value+p_value;

    bal_amt=amt_rcv-tm_value;

    sh_amt=bal_amt;

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

    jScrollPane1 = new javax.swing.JScrollPane();

    jPanel1 = new javax.swing.JPanel();

    jLabel1 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    pname_tf = new javax.swing.JTextField();

    amt_rec_ch = new javax.swing.JCheckBox();

    prate_tf = new javax.swing.JTextField();

    sto_ch = new javax.swing.JCheckBox();

    jLabel5 = new javax.swing.JLabel();

    sto_tf = new javax.swing.JTextField();

    jLabel4 = new javax.swing.JLabel();
```



```
amt_ref_tf = new javax.swing.JTextField();  
back_bt = new javax.swing.JButton();  
sshift_tf = new javax.swing.JTextField();  
pqty_ch = new javax.swing.JCheckBox();  
updt_bt = new javax.swing.JButton();  
rname_tf = new javax.swing.JTextField();  
sfrom_tf = new javax.swing.JTextField();  
rcode_tf = new javax.swing.JTextField();  
PCODE_ch = new javax.swing.JComboBox<>();  
sshift_ch = new javax.swing.JCheckBox();  
pqty_tf = new javax.swing.JTextField();  
amt_ref_ch = new javax.swing.JCheckBox();  
jLabel6 = new javax.swing.JLabel();  
amt_rec_tf = new javax.swing.JTextField();  
zcode_tf = new javax.swing.JTextField();  
jLabel2 = new javax.swing.JLabel();  
sfrom_ch = new javax.swing.JCheckBox();  
pvalue_lb = new javax.swing.JLabel();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
jLabel1.setFont(new java.awt.Font("Elephant", 1, 16)); // NOI18N  
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);  
jLabel1.setText("RETAILER CODE");  
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
jLabel3.setText(" RETAILER NAME");  
pname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N  
pname_tf.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        pname_tfActionPerformed(evt);  
    }  
});
```



```
    }    });

amt_rec_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
amt_rec_ch.setText("AMOUNT RECEIVED");
amt_rec_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        amt_rec_chActionPerformed(evt);
    }
});

prate_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
sto_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
sto_ch.setText("SUPPLY TO");
sto_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        sto_chActionPerformed(evt);
    }
});

jLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel5.setText(" PRODUCT NAME");
sto_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setText(" ZONE CODE");
amt_ref_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
back_bt.setText("<< BACK ");
back_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        back_btActionPerformed(evt);
    }
});

sshift_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pqty_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```



```
pqty_ch.setText("PRODUCT QUANTITY");

pqty_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        pqty_chActionPerformed(evt);
    }
});

upd_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
upd_bt.setText("UPDATE");
upd_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        upd_btActionPerformed(evt);
    }
});

rname_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
sfrom_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
rcode_tf.setFont(new java.awt.Font("Elephant", 1, 16)); // NOI18N
rcode_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        rcode_tfFocusLost(evt);
    }
});

PCODE_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        PCODE_chActionPerformed(evt);
    }
});

sshift_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
sshift_ch.setText("SHIFT");
sshift_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        sshift_chActionPerformed(evt);
    }
});
```



```
pqty_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pqty_tf.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        pqty_tfFocusLost(evt);
    }
});
amt_ref_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
amt_ref_ch.setText("AMOUNT REFRENCE");
amt_ref_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        amt_ref_chActionPerformed(evt);
    }
});
jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel6.setText(" PRODUCT RATE");
amt_rec_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
zcode_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setFont(new java.awt.Font("Elephant", 1, 16)); // NOI18N
jLabel2.setText("PRODUCT CODE");
sfrom_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
sfrom_ch.setText("SUPPLY FROM");
sfrom_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        sfrom_chActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 196,
Short.MAX_VALUE))

        .addGap(45, 45, 45)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(rcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 204,
Short.MAX_VALUE)

            .addComponent(pcode_ch, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

        .addGap(105, 105, 105))

    .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(68, 68, 68)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

            .addComponent(sfrom_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(sto_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(sshift_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(amt_ref_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(pqty_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addComponent(amt_rec_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 131,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 202,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 216,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(93, 93, 93)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(zcode_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 279, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(amt_ref_tf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(amt_rec_tf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(sshift_tf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(sto_tf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(sfrom_tf, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rname_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(pname_tf, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 31, javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)))))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(181, 181, 181)
```



```
.addComponent(back_bt)
.addGap(79, 79, 79)

.addComponent(updt_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 105,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(38, 38, 38)

.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(152, 152, 152)

.addComponent(pvalue_lb, javax.swing.GroupLayout.PREFERRED_SIZE, 359,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

);

jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{amt_rec_tf, amt_ref_tf, pname_tf, pqty_tf, prate_tf, rname_tf, sfrom_tf, sshift_tf, sto_tf,
zcode_tf});

jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]
{amt_rec_ch, amt_ref_ch, jLabel3, jLabel4, jLabel5, jLabel6, pqty_ch, sfrom_ch, sshift_ch, sto_ch});

jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(rcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 42,
Short.MAX_VALUE)
.addComponent(pcode_ch))
```



```
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel5))

    .addGap(8, 8, 8)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(rname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(jLabel4)

    .addComponent(zcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

    .addComponent(sfrom_ch, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(sfrom_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

    .addComponent(sto_ch, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(sto_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

    .addComponent(sshift_ch, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```



```
.addComponent(sshift_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(amt_rec_ch, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(amt_rec_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(amt_ref_ch)

.addComponent(amt_ref_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6)

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(pqty_ch)

.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(pvalue_lb, javax.swing.GroupLayout.PREFERRED_SIZE, 16,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(updt_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(back_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addContainerGap() );  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{amt_rec_tf, amt_ref_tf, pname_tf, pqty_tf, prate_tf, rname_tf, sfrom_tf, sshift_tf, sto_tf,  
zcode_tf});  
  
jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]  
{amt_rec_ch, amt_ref_ch, jLabel3, jLabel4, jLabel5, jLabel6, pqty_ch, sfrom_ch, sshift_ch, sto_ch});  
  
jScrollPane1.setViewportView(jPanel1);  
  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
  
getContentPane().setLayout(layout);  
  
layout.setHorizontalGroup(  
  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addGroup(layout.createSequentialGroup()  
  
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGap(0, 0, Short.MAX_VALUE)) );  
  
layout.setVerticalGroup(  
  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 595,  
Short.MAX_VALUE)  
  
);  
  
pack();  
  
}// </editor-fold>  
  
private void sfrom_chActionPerformed(java.awt.event.ActionEvent evt) {  
  
if(sfrom_ch.isSelected())  
  
    sfrom_tf.setEditable(true);  
  
    sfrom_tf.requestFocus();  
  
}  
  
else  
  
    sfrom_tf.setEditable(false);
```



```
}

private void amt_ref_chActionPerformed(java.awt.event.ActionEvent evt) {

    if(amt_ref_ch.isSelected()){

        amt_ref_tf.setEditable(true);

        amt_ref_tf.requestFocus();

    }

    else

        amt_ref_tf.setEditable(false);

}

private void pqty_tfFocusLost(java.awt.event.FocusEvent evt) {

    // cal();

    try {

        p_qty=Integer.parseInt(pqty_tf.getText());

        n=con.prepareStatement("select prd_name,mrp,ret_comisn from rate_file where
upper(prd_code)=?");

        n.setString(1,pcode_ch.getSelectedItem().toString());

        rs1=n.executeQuery();

        rs1.next();

        pname_tf.setText(rs1.getString(1));

        int mrp=Integer.parseInt(rs1.getString(2));

        p_rate=mrp-(Integer.parseInt(rs1.getString(3)));

        prate_tf.setText(""+p_rate);

        cal();

        pvalue_lb.setText("Your Product Value for this :"+p_value);

    } catch (SQLException ex) {

        Logger.getLogger(UpdateCard.class.getName()).log(Level.SEVERE, null, ex);

    }

}
```



```
private void sshift_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(sshift_ch.isSelected()){  
        sshift_tf.setEditable(true);  
        sshift_tf.requestFocus();  
    }  
    else  
        sshift_tf.setEditable(false);  
}  
  
private void pcode_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(flag)  
        try {  
            p=con.prepareStatement("select  
suply_from,supply_to,shift,amt_rcv,amt_ref,prd_name,prd_rate,prd_qty from card_transaction  
where upper(prd_code)=? and  
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);  
            p.setString(2,rcode_tf.getText().toUpperCase());  
            p.setString(1,pcode_ch.getSelectedItem().toString());  
            rs=p.executeQuery();  
            rs.next();  
            // zcode_tf.setText(rs.getString(1));  
            sfrom_tf.setText(rs.getString(1));  
            sto_tf.setText(rs.getString(2));  
            sshift_tf.setText(rs.getString(3));  
            amt_rec_tf.setText(rs.getString(4));  
            amt_ref_tf.setText(rs.getString(5));  
            //pcode_tf.setText(rs.getString(7));  
            pname_tf.setText(rs.getString(6));  
            prate_tf.setText(rs.getString(7));  
            pqty_tf.setText(rs.getString(8));  
        }  
    }  
}
```



```
// sh_amt=Integer.parseInt(rs.getString(11));  
}  
} catch (SQLException ex) {  
    Logger.getLogger(UpdateCard.class.getName()).log(Level.SEVERE, null, ex);  
}  
}  
  
private void rcode_tfFocusLost(java.awt.event.FocusEvent evt) {  
  
    flag=false;  
  
    pcode_ch.removeAllItems();  
  
    if(rcode_tf.getText().length()==0)  
    {  
  
        JOptionPane.showMessageDialog(this,"Please enter the retailer code");  
  
        rcode_tf.requestFocus();  
  
        sfrom_ch.setSelected(false);  
  
        sto_ch.setSelected(false);  
  
        sshift_ch.setSelected(false);  
  
        amt_rec_ch.setSelected(false);  
  
        amt_ref_ch.setSelected(false);  
  
        pqty_ch.setSelected(false);  
    }  
  
    else  
  
    try {  
  
        p=con.prepareStatement("select ret_nam,z_code from retailer_master where  
upper(ret_cod)=?");  
  
        p.setString(1,rcode_tf.getText().toUpperCase());  
  
        rs=p.executeQuery();  
  
        rs.next();  
  
        rname_tf.setText(rs.getString(1));  
  
        zcode_tf.setText(rs.getString(2));  
    }
```



```
p=con.prepareStatement("select distinct prd_code from card_transaction where
upper(ret_code)=?");

p.setString(1,rcode_tf.getText().toUpperCase());

rs=p.executeQuery();

while(rs.next())

{

    s=rs.getString(1);

    pcode_ch.addItem(s);

}

flag=true;

rcode_tf.setEditable(false);

} catch (SQLException ex) {

    Logger.getLogger(UpdateCard.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void upd_btActionPerformed(java.awt.event.ActionEvent evt) {

try {

    n=con.prepareStatement("update card_transaction set
z_code=?,suply_from=?,suply_to=?,shift=?,prd_qty=?,prd_name=?,prd_rate=?,prd_value=? where
upper(prd_code)=? and upper(ret_code)=?");

    // n=con.prepareStatement("update card_transaction set
    suply_from=?,suply_to=?,shift=?,amt_rcv=?,amt_ref=?,prd_code=?,prd_qty=? where
    upper(ret_code)=?");

    n.setString(1,zcode_tf.getText());

    n.setString(2,sfrom_tf.getText());

    n.setString(3,sto_tf.getText());

    n.setString(4,sshift_tf.getText());

    n.setString(5,pqty_tf.getText());

    n.setString(6,pname_tf.getText());
```



```
n.setString(7,prate_tf.getText());  
n.setInt(8,p_value);  
n.setString(9,pcode_ch.getSelectedItem().toString());  
n.setString(10,rcode_tf.getText().toUpperCase());  
n.executeUpdate();  
  
n=con.prepareStatement("update card_transaction set amt_rcv=?,amt_ref=? where  
upper(ret_code)=?");  
  
n.setString(1,amt_rec_tf.getText());  
n.setString(2,amt_ref_tf.getText());  
n.setString(3,rcode_tf.getText().toUpperCase());  
n.executeUpdate();  
  
p=con.prepareStatement("select amt_rcv,prd_value from card_transaction where  
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);  
  
p.setString(1,rcode_tf.getText().toUpperCase());  
rs=p.executeQuery();  
  
int v=0;  
  
while(rs.next())  
    v=v+rs.getInt(2);  
  
rs.first();  
  
p=con.prepareStatement("update card_transaction set sh_ex_amt=? where  
upper(ret_code)=? and upper(prd_code)=? and prd_value=(select max(prd_value) from  
card_transaction)");  
  
p.setInt(1,rs.getInt(1)-v);  
p.setString(2,rcode_tf.getText().toUpperCase());  
p.setString(3,s.toUpperCase());  
p.executeUpdate();  
  
JOptionPane.showMessageDialog(null,"row updated");  
  
//rcode_tf.setText("");  
zcode_tf.setText("");
```



```
rname_tf.setText("");
sfrom_tf.setText("");
sto_tf.setText("");
sshift_tf.setText("");
amt_rec_tf.setText("");
amt_ref_tf.setText("");
pvalue_lb.setText("");
pname_tf.setText("");
prate_tf.setText("");
pqty_tf.setText("");
sfrom_ch.setSelected(false);
sto_ch.setSelected(false);
sshift_ch.setSelected(false);
amt_rec_ch.setSelected(false);
amt_ref_ch.setSelected(false);
pqty_ch.setSelected(false);
rcode_tf.setEditable(true);
rcode_tf.requestFocus();
} catch (SQLException ex) {
    Logger.getLogger(UpdateCard.class.getName()).log(Level.SEVERE, null, ex);
}
}

private void pqty_chActionPerformed(java.awt.event.ActionEvent evt) {
    if(pqty_ch.isSelected()){
        pqty_tf.setEditable(true);
        pqty_tf.requestFocus();
    }
    else
}
```



```
pqty_tf.setEditable(false);  
}  
  
private void back_btActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
}  
  
private void sto_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(sto_ch.isSelected()){  
        sto_tf.setEditable(true);  
        sto_tf.requestFocus();  
    }  
    else  
        sto_tf.setEditable(false);  
}  
  
private void amt_rec_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(amt_rec_ch.isSelected()){  
        amt_rec_tf.setEditable(true);  
        amt_rec_tf.requestFocus();  
    }  
    else  
        amt_rec_tf.setEditable(false);  
}  
  
private void pname_tfActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}  
  
// Variables declaration - do not modify  
private javax.swing.JCheckBox amt_rec_ch;  
private javax.swing.JTextField amt_rec_tf;  
private javax.swing.JCheckBox amt_ref_ch;
```



```
private javax.swing.JTextField amt_ref_tf;
private javax.swing.JButton back_bt;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JComboBox<String> pcode_ch;
private javax.swing.JTextField pname_tf;
private javax.swing.JCheckBox pqty_ch;
private javax.swing.JTextField pqty_tf;
private javax.swing.JTextField prate_tf;
private javax.swing.JLabel pvalue_lb;
private javax.swing.JTextField rcode_tf;
private javax.swing.JTextField rname_tf;
private javax.swing.JCheckBox sfrom_ch;
private javax.swing.JTextField sfrom_tf;
private javax.swing.JCheckBox sshift_ch;
private javax.swing.JTextField sshift_tf;
private javax.swing.JCheckBox sto_ch;
private javax.swing.JTextField sto_tf;
private javax.swing.JButton upd_bt;
private javax.swing.JTextField zcode_tf;
// End of variables declaration
}
```



UPDATE DEMAND TABLE

```
package sudhamilk;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;

public class UpdateDemand extends javax.swing.JFrame {

    Connection con;
    PreparedStatement n,p;
    ResultSet rs,rs1;
    int ctr;
    boolean flag=false;
    String str,s;
    int p_value=0,p_qty=0,p_rate=0,tm_value=0,amt_rcv=0,bal_amt=0,sh_amt=0,d_com=0,a;
    public UpdateDemand(int a) throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        this.setLocationRelativeTo(null);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        this.getRootPane().setDefaultButton(updt_bt);
        rcode_tf.requestFocus();
        rname_tf.setEditable(false);
```



```
zcode_tf.setEditable(false);
sdate_tf.setEditable(false);
sshift_tf.setEditable(false);
amt_rec_tf.setEditable(false);
PCODE_cmb.setEditable(false);
pqty_tf.setEditable(false);
pname_tf.setEditable(false);
prate_tf.setEditable(false);
sdate_ch.setSelected(false);
sshift_ch.setSelected(false);
amt_rec_ch.setSelected(false);
pqty_ch.setSelected(false);
updtt_bt.setEnabled(false);

}

public void cal(){
    p_value=p_qty*p_rate;
    tm_value=tm_value+p_value;
    bal_amt=amt_rcv-tm_value;
    sh_amt=bal_amt;
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jScrollPane1 = new javax.swing.JScrollPane();
    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    rcode_tf = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
```



```
PCODE_CMB = new javax.swing.JComboBox<>();  
jLabel3 = new javax.swing.JLabel();  
jLabel4 = new javax.swing.JLabel();  
RNAME_TF = new javax.swing.JTextField();  
ZCODE_TF = new javax.swing.JTextField();  
SDATE_CH = new javax.swing.JCheckBox();  
SDATE_TF = new javax.swing.JTextField();  
SSHIFT_CH = new javax.swing.JCheckBox();  
SSHIFT_TF = new javax.swing.JTextField();  
AMT_REC_CH = new javax.swing.JCheckBox();  
AMT_REC_TF = new javax.swing.JTextField();  
BACK_BT = new javax.swing.JButton();  
UPDT_BT = new javax.swing.JButton();  
PVALUE_LB = new javax.swing.JLabel();  
PQTY_CH = new javax.swing.JCheckBox();  
JLABEL7 = new javax.swing.JLabel();  
JLABEL8 = new javax.swing.JLabel();  
PRATE_TF = new javax.swing.JTextField();  
PNAME_TF = new javax.swing.JTextField();  
PQTY_TF = new javax.swing.JTextField();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
JLABEL1.setFont(new java.awt.Font("Elephant", 1, 16)); // NOI18N  
JLABEL1.setText("RETAILER CODE");  
RCODE_TF.setFont(new java.awt.Font("Elephant", 1, 16)); // NOI18N  
RCODE_TF.addFocusListener(new java.awt.event.FocusAdapter() {  
    public void focusLost(java.awt.event.FocusEvent evt) {  
        RCODE_TFFocusLost(evt);  
    }  
});
```



```
jLabel2.setFont(new java.awt.Font("Elephant", 1, 16)); // NOI18N
jLabel2.setText("PRODUCT CODE");
PCODE_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        PCODE_cmbActionPerformed(evt);
    }
});
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel3.setText(" RETAILER NAME");
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setText(" ZONE CODE");
RNAME_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
ZCODE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
SDATE_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
SDATE_ch.setText("SUPPLY DATE");
SDATE_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        SDATE_chActionPerformed(evt);
    }
});
SDATE_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
SSHIFT_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
SSHIFT_ch.setText("SHIFT");
SSHIFT_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        SSHIFT_chActionPerformed(evt);
    }
});
SSHIFT_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
AMT_REC_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
AMT_REC_ch.setText("AMOUNT RECEIVED");
```



```
amt_rec_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        amt_rec_chActionPerformed(evt);
    }
});

amt_rec_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
back_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
back_bt.setText("<< BACK ");
back_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        back_btActionPerformed(evt);
    }
});

updt_bt.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
updt_bt.setText("UPDATE");
updt_bt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        updt_btActionPerformed(evt);
    }
});

pqty_ch.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pqty_ch.setText("PRODUCT QUANTITY");
pqty_ch.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        pqty_chActionPerformed(evt);
    }
});

jLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel7.setText(" PRODUCT NAME");
jLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel8.setText(" PRODUCT RATE");
prate_tf.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```





```
.addGap(45, 45, 45)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(rcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 184,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(pcode_cmb, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 184, javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(amt_rec_ch, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(sshift_ch, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(sdate_ch, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(pqty_ch, javax.swing.GroupLayout.DEFAULT_SIZE, 192,
Short.MAX_VALUE))

        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

    .addGap(100, 100, 100)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(pname_tf)

        .addComponent(prate_tf))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```



```
.addComponent(rname_tf)
.addComponent(zcode_tf)
.addComponent(sdate_tf)
.addComponent(sshift_tf)
.addComponent(amt_rec_tf)
.addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 304,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(80, 80, 80))))))
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(26, 26, 26)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(1, 1, 1)
.addComponent(rcode_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(pcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(29, 29, 29)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(rname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)))
```



```
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

    .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(zcode_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 36,
Short.MAX_VALUE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(sdate_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(sdate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(sshift_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(sshift_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(amt_rec_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(amt_rec_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addComponent(pqty_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(pqty_ch, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

    .addComponent(pname_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(prate_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(pvalue_lb, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(back_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(updt_bt, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)));

jScrollPane1.setViewportView(jPanel1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX_VALUE)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    );

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 723,
    Short.MAX_VALUE));
);
```



```
        pack();

    }// </editor-fold>

private void rcode_tfFocusLost(java.awt.event.FocusEvent evt) {

flag=false;

if(rcode_tf.getText().length()==0)

{

JOptionPane.showMessageDialog(this,"Please enter the retailer code");

rcode_tf.requestFocus();

sdate_ch.setSelected(false);

sshift_ch.setSelected(false);

amt_rec_ch.setSelected(false);

pqty_ch.setSelected(false);

}

else

try {

updt_bt.setEnabled(true);

n=con.prepareStatement("select ret_nam,z_code from retailer_master where upper(ret_cod)=?");

n.setString(1,rcode_tf.getText().toUpperCase());

rs=n.executeQuery();

rs.next();

rname_tf.setText(rs.getString(1));

zcode_tf.setText(rs.getString(2));

n=con.prepareStatement("select prd_code from demand_table where upper(ret_code)=?");

n.setString(1,rcode_tf.getText().toUpperCase());

rs=n.executeQuery();

while(rs.next())

{



}
```



```
s=rs.getString(1);

PCODE_CMB.addItem(s);

}

flag=true;

RCode_tf.setEditable(false);

} catch (SQLException ex) {

    Logger.getLogger(UpdateDemand.class.getName()).log(Level.SEVERE, null, ex);
}

private void PCode_CmbActionPerformed(java.awt.event.ActionEvent evt) {

    if(flag)

        try {

            n=con.prepareStatement("select suply_date,shift,amt_rcv,prd_name,prd_rate,prd_qty
from demand_table where upper(prd_code)=? and
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

            n.setString(2,RCode_tf.getText().toUpperCase());

            n.setString(1,PCODE_CMB.getSelectedItem().toString());

            rs=n.executeQuery();

            rs.next();

            SDate_tf.setText(rs.getString(1));

            SShift_tf.setText(rs.getString(2));

            AMT_REC_tf.setText(rs.getString(3));

            PQTY_tf.setText(rs.getString(6));

            PNAME_tf.setText(rs.getString(4));

            PRATE_tf.setText(rs.getString(5));

        } catch (SQLException ex) {

            Logger.getLogger(UpdateDemand.class.getName()).log(Level.SEVERE, null, ex);
        }
}
```



```
private void sdate_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(sdate_ch.isSelected()){  
        sdate_tf.setEditable(true);  
        sdate_tf.requestFocus();  
    }  
    else  
        sdate_tf.setEditable(false);  
}  
  
private void sshift_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(sshift_ch.isSelected()){  
        sshift_tf.setEditable(true);  
        sshift_tf.requestFocus();  
    }  
    else  
        sshift_tf.setEditable(false);  
}  
  
private void amt_rec_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(amt_rec_ch.isSelected()){  
        amt_rec_tf.setEditable(true);  
        amt_rec_tf.requestFocus();  
    }  
    else  
        amt_rec_tf.setEditable(false);  
}  
  
private void pqty_chActionPerformed(java.awt.event.ActionEvent evt) {  
    if(pqty_ch.isSelected()){  
        pqty_tf.setEditable(true);  
        pqty_tf.requestFocus();  
    }  
}
```



```
}

else

pqty_tf.setEditable(false);

}

private void pqty_tfFocusLost(java.awt.event.FocusEvent evt) {

try {

// p_qty=Integer.parseInt(pqty_tf.getText());

amt_rcv=Integer.parseInt(amt_rec_tf.getText());

p=con.prepareStatement("select distcomisn from distributor_master where
upper(z_code)=?");

p.setString(1,zcode_tf.getText().toUpperCase());

rs1=p.executeQuery();

rs1.next();

d_com=Integer.parseInt(rs1.getString(1));

p_qty=Integer.parseInt(pqty_tf.getText());

p=con.prepareStatement("select prd_name,mrp,ret_comisn from rate_file where
upper(prd_code)=?");

p.setString(1,pcode_cmb.getSelectedItem().toString());

rs=p.executeQuery();

rs.next();

pname_tf.setText(rs.getString(1));

int mrp=Integer.parseInt(rs.getString(2));

p_rate=mrp-(Integer.parseInt(rs.getString(3))+d_com);

prate_tf.setText(""+p_rate);

cal();

amt_rcv=bal_amt;

pvalue_lb.setText("Your Product Value for this :"+p_value);

} catch (SQLException ex) {
```



```
    Logger.getLogger(UpdateDemand.class.getName()).log(Level.SEVERE, null, ex);
}

}

private void updtt_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {

        n=con.prepareStatement("update demand_table set
z_code=?,suply_date=?,shift=?,prd_qty=?,prd_name=?,prd_rate=?,prd_val=? where
upper(prd_code)=? and upper(ret_code)=?");

        n.setString(1,zcode_tf.getText());
        n.setString(2,sdate_tf.getText());
        n.setString(3,sshift_tf.getText());
        n.setString(4,pqty_tf.getText());
        n.setString(5,pname_tf.getText());
        n.setString(6,prate_tf.getText());
        n.setInt(7,p_value);
        n.setString(8,pcode_cmb.getSelectedItem().toString());
//n.setString(9,rcode_tf.getText().toUpperCase());
        n.setString(9,rcode_tf.getText().toUpperCase());
        n.executeUpdate();

        n=con.prepareStatement("update demand_table set amt_rcv=? where upper(ret_code)=?");

        n.setString(1,amt_rec_tf.getText());
        n.setString(2,rcode_tf.getText().toUpperCase());
        n.executeUpdate();

        p=con.prepareStatement("select amt_rcv,prd_val from demand_table where
upper(ret_code)=?",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

        p.setString(1,rcode_tf.getText().toUpperCase());
        rs=p.executeQuery();
        int v=0;
        while(rs.next())
```



```
v=v+rs.getInt(2);

rs.first();

p=con.prepareStatement("update demand_table set sh_ex_val=? where upper(ret_code)=?
and upper(prd_code)=? and prd_val=(select max(prd_val) from demand_table)");

p.setInt(1,rs.getInt(1)-v);

p.setString(2,rcode_tf.getText().toUpperCase());

p.setString(3,s.toUpperCase());

p.executeUpdate();

JOptionPane.showMessageDialog(null,"row updated");

//rcode_tf.setText("");

rname_tf.setText("");

zcode_tf.setText("");

sdate_tf.setText("");

sshift_tf.setText("");

amt_rec_tf.setText("");

qty_tf.setText("");

pname_tf.setText("");

prate_tf.setText("");

sdate_ch.setSelected(false);

sshift_ch.setSelected(false);

amt_rec_ch.setSelected(false);

qty_ch.setSelected(false);

rcode_tf.setEditable(true);

rcode_tf.requestFocus();

} catch (SQLException ex) {

Logger.getLogger(UpdateDemand.class.getName()).log(Level.SEVERE, null, ex);

}

}
```



```
private void back_btActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
}  
  
// Variables declaration - do not modify  
private javax.swing.JCheckBox amt_rec_ch;  
private javax.swing.JTextField amt_rec_tf;  
private javax.swing.JButton back_bt;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JComboBox<String> pcode_cmb;  
private javax.swing.JTextField pname_tf;  
private javax.swing.JCheckBox pqty_ch;  
private javax.swing.JTextField pqty_tf;  
private javax.swing.JTextField prate_tf;  
private javax.swing.JLabel pvalue_lb;  
private javax.swing.JTextField rcode_tf;  
private javax.swing.JTextField rname_tf;  
private javax.swing.JCheckBox sdate_ch;  
private javax.swing.JTextField sdate_tf;  
private javax.swing.JCheckBox sshift_ch;  
private javax.swing.JTextField sshift_tf;  
private javax.swing.JButton updtt_bt;
```



```
private javax.swing.JTextField zcode_tf;  
// End of variables declaration  
}
```

PROCESS

```
package sudhamilk;  
  
import java.awt.Image;  
  
import java.io.File;  
  
import java.io.IOException;  
  
import java.sql.Connection;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.ResultSetMetaData;  
  
import java.sql.SQLException;  
  
import java.util.Calendar;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.ImageIcon;  
  
import javax.swing.JOptionPane;  
  
import jxl.Workbook;  
  
import jxl.write.Label;  
  
import jxl.write.WritableSheet;  
  
import jxl.write.WritableWorkbook;  
  
import jxl.write.WriteException;  
  
public class Process extends javax.swing.JFrame {  
  
    Connection con;  
  
    PreparedStatement p,n,m,stmt,p4,q;  
  
    ResultSet rs,rs1,rs2,rs3,rs4;  
  
    int a,b,c,x,y,z;
```



```
Label l;  
  
MainFrame1 m1;  
  
String date,shift,yy,mm,dd,str,s1;  
  
public Process() throws SQLException, ClassNotFoundException {  
  
    initComponents();  
  
    this.setLocationRelativeTo(null);  
  
    con=ConnDb.conLink();  
  
    ImageIcon img3=new ImageIcon(getClass().getResource("logo.jpg"));  
  
    this.setIconImage(img3.getImage());  
  
    ImageIcon img=new ImageIcon(new  
    ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),ima  
ge.getHeight(),Image.SCALE_DEFAULT));  
  
    image.setIcon(img);  
  
    ImageIcon img2=new ImageIcon(new  
    ImageIcon(getClass().getResource("demand.jpg")).getImage().getScaledInstance(image1.getWidth()  
,image1.getHeight(),Image.SCALE_DEFAULT));  
  
    image1.setIcon(img2);  
  
    ImageIcon img1=new ImageIcon(new  
    ImageIcon(getClass().getResource("back.png")).getImage().getScaledInstance(sback_bt.getWidth(),  
sback_bt.getHeight(),Image.SCALE_DEFAULT));  
  
    sback_bt.setIcon(img1);  
  
    p=con.prepareStatement("select demand_entry,demand_chk from status_master");  
  
    rs=p.executeQuery();  
  
    rs.next();  
  
    String str=rs.getString(1);  
  
    String str1=rs.getString(2);  
  
    if(str.equalsIgnoreCase("t"))  
  
        dchk_bt.setEnabled(true);  
  
    else  
  
        dchk_bt.setEnabled(false);  
}
```



```
if(str1.equalsIgnoreCase("t"))
    cal_bt.setEnabled(true);
else
    cal_bt.setEnabled(false);
}

private void cal_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        p=con.prepareStatement("select * from status_master");
        rs=p.executeQuery();
        rs.next();

        int r=JOptionPane.showConfirmDialog(this,"You want to calculate details ?  DATE :
"+rs.getString(2)+"  SHIFT : "+rs.getString(3), "CALCULATION
CONFIRMATION", JOptionPane.YES_NO_OPTION,JOptionPane.QUESTION_MESSAGE);

        if(r==0)
        {
            n=con.prepareStatement("select tname from tab");
            rs1=n.executeQuery();
            while(rs1.next())
                if(rs1.getString(1).equalsIgnoreCase("current_supply")){
                    n=con.prepareStatement("drop table current_supply");
                    n.executeUpdate();
                }

            n=con.prepareStatement("create table current_supply as select
ret_code,ret_stat,z_code,route_no,supply_date,shift,amt_rcv,prd_code,prd_name,prd_qty,prd_val,
sh_ex_val from demand_table");

            n.executeUpdate();
            n=con.prepareStatement("truncate table current_supply");
            n.executeUpdate();
        }
    }
}
```



```
n=con.prepareStatement("select
ret_code,z_code,route_no,supply_from,supply_to,shift,prd_code,prd_qty,prd_name,prd_value from
card_transaction,status_master where supp_date>=supply_from and supp_date<=supply_to and
shift=supp_shift",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

rs1=n.executeQuery();

while(rs1.next())
{
    n =con.prepareStatement("insert into
current_supply(ret_code,z_code,route_no,shift,prd_code,prd_name,prd_qty,prd_val,sh_ex_val)val
ues(?,?,?,?,?,?,?,?,?,?)");

    n.setString(1,rs1.getString(1));
    n.setString(2,rs1.getString(2));
    n.setString(3,rs1.getString(3));
    n.setString(4,rs1.getString(6));
    n.setString(5,rs1.getString(7));
    n.setString(6,rs1.getString(9));
    n.setInt(7,rs1.getInt(8));
    n.setInt(8,rs1.getInt(10));
    n.setInt(9,0);
    n.executeUpdate();
}

m=con.prepareStatement("select
ret_code,ret_stat,z_code,route_no,supply_date,shift,amt_rcv,prd_code,prd_name,prd_qty,prd_val,
sh_ex_val from demand_table,status_master where supply_date=supp_date and
shift=supp_shift",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

rs2=m.executeQuery();

boolean flag;
while(rs2.next()){
    flag=true;
    rs1.beforeFirst();
```



```
while(rs1.next()){

if(rs1.getString(1).equalsIgnoreCase(rs2.getString(1))&&rs1.getString(7).equalsIgnoreCase(rs2.getString(7))){

    flag=false;

    m=con.prepareStatement("update current_supply set
ret_stat=?,z_code=?,route_no=?,suply_date=?,shift=?,amt_rcv=?,prd_name=?,prd_qty=?,prd_val=?
,sh_ex_val=? where upper(prd_code)=? and upper(ret_code)=?");

    m.setString(1,rs2.getString(2));

    m.setString(2,rs2.getString(3));

    m.setString(3,rs2.getString(4));

    m.setString(4,rs2.getString(5));

    m.setString(5,rs2.getString(6));

    m.setString(6,rs2.getString(7));

    m.setString(7,rs2.getString(9));

    m.setInt(8,rs1.getInt(8)+rs2.getInt(10));

    m.setInt(9,rs1.getInt(10)+rs2.getInt(11));

    m.setInt(10,0);

    m.setString(11,rs2.getString(8).toUpperCase());

    m.setString(12,rs2.getString(1).toUpperCase());

    m.executeUpdate();

    break;

}      }

if(flag){

    m=con.prepareStatement("insert into
current_supply(ret_code,ret_stat,z_code,route_no,supply_date,shift,amt_rcv,prd_code,prd_name,
prd_qty,prd_val,sh_ex_val)values(?,?,?,?,?,?,?,?,?,?)");

    m.setString(1,rs2.getString(1));

    m.setString(2,rs2.getString(2));

    m.setString(3,rs2.getString(3));

    m.setString(4,rs2.getString(4));
```



```
m.setString(5,rs2.getString(5));
m.setString(6,rs2.getString(6));
m.setString(7,rs2.getString(7));
m.setString(8,rs2.getString(8));
m.setString(9,rs2.getString(9));
m.setString(10,rs2.getString(10));
m.setString(11,rs2.getString(11));
m.setInt(12,0);
m.executeUpdate();
}

}

rs2.last();

m=con.prepareStatement("update current_supply set ret_stat=? ,suply_date=? ,amt_rcv=? where upper(ret_code)=?");

m.setString(1,rs2.getString(2));
m.setString(2,rs2.getString(5));
m.setInt(3,rs2.getInt(7));
m.setString(4,rs2.getString(1).toUpperCase());
m.executeUpdate();

m=con.prepareStatement("update current_supply set sh_ex_val=? where
upper(ret_code)=? and prd_code=(select prd_code from(select prd_code, rownum from
current_supply order by rownum desc) where rownum=1)");

m.setInt(1,rs2.getInt(12));
m.setString(2,rs2.getString(1).toUpperCase());
m.executeUpdate();
dchk_bt.setVisible(true);

}

m=con.prepareStatement("update current_supply set suply_date=? where shift=?");
m.setString(1,rs.getString(2));
```



```
m.setString(2,rs.getString(3));  
m.executeUpdate();  
  
m=con.prepareStatement("select ret_stat,ret_cod from retailer_master");  
rs3=m.executeQuery();  
  
while(rs3.next()){  
    n=con.prepareStatement("update current_supply set ret_stat=? where ret_code=?");  
    n.setString(1,rs3.getString(1));  
    n.setString(2,rs3.getString(2).toUpperCase());  
    n.executeUpdate();  
}  
  
n=con.prepareStatement("create table src as select  
ret_code,ret_stat,z_code,route_no,supply_date,shift,amt_rcv,prd_code,prd_name,prd_qty,prd_val,  
sh_ex_val from current_supply");  
rs1=n.executeQuery();  
  
n=con.prepareStatement("truncate table src");  
rs1=n.executeQuery();  
  
n=con.prepareStatement("select * from current_supply order by z_code,ret_code,prd_code");  
n.executeQuery();  
rs1=n.executeQuery();  
  
while(rs1.next())  
{  
    n=con.prepareStatement("insert into src  
(ret_code,ret_stat,z_code,route_no,supply_date,shift,amt_rcv,prd_code,prd_name,prd_qty,prd_val,  
sh_ex_val) values (?,?,?,?,?,?,?,?,?,?)");  
    n.setString(1,rs1.getString(1));  
    n.setString(2,rs1.getString(2));  
    n.setString(3,rs1.getString(3));  
    n.setString(4,rs1.getString(4));  
    n.setString(5,rs1.getString(5));
```



```
n.setString(6,rs1.getString(6));  
n.setString(7,rs1.getString(7));  
n.setString(8,rs1.getString(8));  
n.setString(9,rs1.getString(9));  
n.setString(10,rs1.getString(10));  
n.setString(11,rs1.getString(11));  
n.setString(12,rs1.getString(12));  
n.executeUpdate();  
}  
  
n=con.prepareStatement("truncate table current_supply");  
n.executeQuery();  
m=con.prepareStatement("select * from src");  
rs3=m.executeQuery();  
while(rs3.next())  
{  
    m=con.prepareStatement("insert into current_supply  
(ret_code,ret_stat,z_code,route_no,supply_date,shift,amt_rcv,prd_code,prd_name,prd_qty,prd_val,  
sh_ex_val) values (?,?,?,?,?,?,?,?,?,?)");  
    m.setString(1,rs3.getString(1));  
    m.setString(2,rs3.getString(2));  
    m.setString(3,rs3.getString(3));  
    m.setString(4,rs3.getString(4));  
    m.setString(5,rs3.getString(5));  
    m.setString(6,rs3.getString(6));  
    m.setString(7,rs3.getString(7));  
    m.setString(8,rs3.getString(8));  
    m.setString(9,rs3.getString(9));  
    m.setString(10,rs3.getString(10));  
    m.setString(11,rs3.getString(11));
```



```
m.setString(12,rs3.getString(12));  
m.executeUpdate();  
}  
  
q=con.prepareStatement("update status_master set process_chk=?");  
q.setString(1,"t");  
q.executeUpdate();  
  
n=con.prepareStatement("drop table src");  
n.executeQuery();  
} catch (SQLException ex) {  
    Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
try {  
    date=rs.getString(2);  
    shift=rs.getString(3);  
    yy= date.substring(8,10);  
    mm=date.substring(3,5);  
    dd=date.substring(0,2);  
    if(shift.equalsIgnoreCase("mrng"))  
    {  
        s1="M";  
    }  
    else  
    {  
        s1="E";  
    }  
} catch (SQLException ex) {  
    Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);  
}
```



```
try {
    if(!(rs.getInt(4)==0))
    {
        Calendar c=Calendar.getInstance();
        String ystr,s="";
        switch (mm)
        {
            case "01": s="January"; break;
            case "02": s="Februray";break;
            case "03": s="March";break;
            case "04": s="April";break;
            case "05": s="May";break;
            case "06": s="June";break;
            case "07": s="July";break;
            case "08": s="August";break;
            case "09": s="September";break;
            case "10": s="October";break;
            case "11": s="November";break;
            case "12": s="December";
        }
        str="I"+dd+mm+yy+s1;
        ystr="backup\\\"+\"20"+yy+"\\\"+s+"\\\"+dd;
        File f1=new File(ystr);
        File f2=new File(ystr+"\\"+str+".xls");
        f1.mkdirs();
        f2.setWritable(true);
        WritableWorkbook myxl = Workbook.createWorkbook(f2);
        WritableSheet mysheet=myxl.createSheet("mysheet", 0);
```



```
stmt=con.prepareStatement("select * from current_supply");

rs1=stmt.executeQuery();

ResultSetMetaData rsmd=rs1.getMetaData();

byte i,j=0;

for (i=0;i<rsmd.getColumnCount();i++)

{

    l=new Label(i,0,rsmd.getColumnName(i+1));

    mysheet.addCell(l);

}

while(rs1.next())

{

    ++j;

    for(i=0;i<rsmd.getColumnCount();i++){

        l=new Label(i,j,rs1.getString(i+1));

        mysheet.addCell(l);

    }

}

myxl.write();

myxl.close();

f2.setReadOnly();

cal_bt.setEnabled(false);

n=con.prepareStatement("truncate table demand_table");

n.executeQuery();

}

else

{

    File f2=new File("backup\\\"+str+".xls");

    f2.setWritable(true);
```



```
WritableWorkbook myxl = Workbook.createWorkbook(f2);

WritableSheet mysheet=myxl.createSheet("mysheet", 0);

stmt=con.prepareStatement("select * from current_supply");

rs1=stmt.executeQuery();

ResultSetMetaData rsmd=rs1.getMetaData();

byte i,j=0;

for (i=0;i<rsmd.getColumnCount();i++)

{

    l=new Label(i,0,rsmd.getColumnName(i+1));

    mysheet.addCell(l);

}

while(rs1.next())

{

    ++j;

    for(i=0;i<rsmd.getColumnCount();i++){

        l=new Label(i,j,rs1.getString(i+1));

        mysheet.addCell(l);

    }

}

myxl.write();

myxl.close();

f2.setReadOnly();

cal_bt.setEnabled(false);

n=con.prepareStatement("truncate table demand_table");

n.executeQuery();

}

} catch (SQLException ex) {

    Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);
```



```
        } catch (IOException ex) {
            Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);
        } catch (WriteException ex) {
            Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

private void dchk_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new D_Chk(this).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Process.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void sback_btActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
    try {
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

// Variables declaration - do not modify
javax.swing.JButton cal_bt;
private javax.swing.JButton dchk_bt;
```



```
private javax.swing.JLabel image;  
private javax.swing.JLabel image1;  
private javax.swing.JButton sback_bt;  
// End of variables declaration  
}
```

DEMAND_CHK

```
package sudhamilk;  
import java.awt.Image;  
import java.sql.Connection;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.ImageIcon;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;  
public class D_Chk extends javax.swing.JFrame {  
  
    Connection con;  
    PreparedStatement p,n;  
    ResultSet rs,rs1;  
    int r;  
    Process p2;  
  
    public D_Chk(Process p1) throws SQLException, ClassNotFoundException {  
        initComponents();  
        con=ConnDb.conLink();  
        p2=p1;
```



```
this.setLocationRelativeTo(null);

ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));

image.setIcon(img);

ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

this.setIconImage(img2.getImage());

p=con.prepareStatement("select z_code,prd_code,prd_name,sum(prd_qty) from
demand_table group by z_code,prd_code,prd_name order by z_code asc");

rs=p.executeQuery();

n=con.prepareStatement("select sum(prd_qty),count(*) from demand_table group by
z_code");

n.executeQuery();

rs1=n.executeQuery();

DefaultTableModel model=new DefaultTableModel( new String[] {"Zone Code" , "Product
Code" , "Product Name","Product Quantity","Total Product Quantity"},0);

int sum=0;String str="";

while(rs.next())

{

if(rs.isFirst())

    str=rs.getString(1);

    if(str.equalsIgnoreCase(rs.getString(1)))

        sum=sum+rs.getInt(4);

    else

    {

        model.addRow(new Object[] {"","","","",""+sum});

        sum=rs.getInt(4);

        str=rs.getString(1);

    }

}
```



```
        model.addRow(new Object[]
{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),"");
}

model.addRow(new Object[] {"","","","",""+sum});
d_table.setModel(model);

}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jButton1 = new javax.swing.JButton();
    jScrollPane1 = new javax.swing.JScrollPane();
    d_table = new javax.swing.JTable();
    jLabel1 = new javax.swing.JLabel();
    image = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DO NOTHING ON CLOSE);
    setTitle("Demand Check Form");
    setMinimumSize(new java.awt.Dimension(611, 380));
    setResizable(false);
    getContentPane().setLayout(null);
    jButton1.setText("CLOSE");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });
    getContentPane().add(jButton1);
    jButton1.setBounds(240, 310, 106, 23);
    d_table.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {
        },
        new String [] {
        }
    ));
    jScrollPane1.setViewportView(d_table);
    add(jScrollPane1, "Center");
    pack();
}
}
```



```
new String [] {  
    "Zone Code", "Product Code", "Product Name", "Product Quantity", "Total Product  
Quantity"  
}  
)  
{  
    Class[] types = new Class [] {  
        java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
        java.lang.String.class  
    };  
    public Class getColumnClass(int columnIndex) {  
        return types [columnIndex];  
    }  
}  
jScrollPane1.setViewportView(d_table);  
getContentPane().add(jScrollPane1);  
jScrollPane1.setBounds(10, 40, 580, 260);  
jLabel1.setFont(new java.awt.Font("Sitka Text", 1, 18)); // NOI18N  
jLabel1.setText("DEMAND CHECK FORM");  
getContentPane().add(jLabel1);  
jLabel1.setBounds(190, 4, 210, 30);  
getContentPane().add(image);  
image.setBounds(0, 0, 610, 350);  
pack();  
}// </editor-fold>  
  
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    r=JOptionPane.showConfirmDialog(this,"Demand Entry  
Checked","Confirmation",JOptionPane.YES_NO_OPTION,JOptionPane.INFORMATION_MESSAGE);  
    try {  
        if (r==0)  
    {  
}
```



```
p=con.prepareStatement("update status_master set demand_chk=? ");
p.setString(1,"t");
p.executeUpdate();
p2.cal_bt.setEnabled(true);
this.dispose();

}

else

    this.dispose();

} catch (SQLException ex) {

    Logger.getLogger(D_Chk.class.getName()).log(Level.SEVERE, null, ex);

}

// Variables declaration - do not modify

private javax.swing.JTable d_table;

private javax.swing.JLabel image;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}
```

REPORT

```
package sudhamilk;

import java.awt.Image;

import java.io.IOException;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;
```



```
import javax.swing.ImageIcon;
import jxl.read.biff.BiffException;
import jxl.write.WriteException;
public class Report extends javax.swing.JFrame {
int a;
public Report(int a) {
    initComponents();
    this.a=a;
    this.setLocationRelativeTo(null);
    ImageIcon img=new ImageIcon(new
ImageIcon(getClass().getResource("main.jpg")).getImage().getScaledInstance(image.getWidth(),image.getHeight(),Image.SCALE_DEFAULT));
    image.setIcon(img);
    ImageIcon img1=new ImageIcon(new
ImageIcon(getClass().getResource("back.png")).getImage().getScaledInstance(sback_bt.getWidth(),
sback_bt.getHeight(),Image.SCALE_DEFAULT));
    sback_bt.setIcon(img1);
    ImageIcon img2=new ImageIcon(new
ImageIcon(getClass().getResource("report1.jpg")).getImage().getScaledInstance(image2.getWidth(),
image2.getHeight(),Image.SCALE_DEFAULT));
    image2.setIcon(img2);
    ImageIcon img3=new ImageIcon(getClass().getResource("logo.jpg"));
    this.setIconImage(img3.getImage());
}
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    sback_bt = new javax.swing.JButton();
```



```
image2 = new javax.swing.JLabel();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

image = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DO_NOTHING_ON_CLOSE);

setTitle("Report..");

setPreferredSize(new java.awt.Dimension(645, 355));

setResizable(false);

getContentPane().setLayout(null);

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("GATE PASS");

jButton1.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton1ActionPerformed(evt);

    }    });

getContentPane().add(jButton1);

jButton1.setBounds(380, 270, 100, 40);

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("CRATE DETAILS");

jButton2.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton2ActionPerformed(evt);

    }    });

getContentPane().add(jButton2);

jButton2.setBounds(500, 270, 120, 40);

sback_bt.setBorder(null);

sback_bt.setBorderPainted(false);

sback_bt.setContentAreaFilled(false);
```



```
sback_bt.setFocusPainted(false);

sback_bt.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        sback_btActionPerformed(evt);

    }    });

getContentPane().add(sback_bt);

sback_bt.setBounds(300, 260, 70, 50);

getContentPane().add(image2);

image2.setBounds(10, 10, 610, 250);

jButton3.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton3.setText("Distributor Sheet");

jButton3.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton3ActionPerformed(evt);

    }    });

getContentPane().add(jButton3);

jButton3.setBounds(150, 270, 140, 40);

jButton4.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton4.setText("Dealer Report");

jButton4.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton4ActionPerformed(evt);

    }    });

getContentPane().add(jButton4);

jButton4.setBounds(10, 270, 120, 40);

getContentPane().add(image);

image.setBounds(0, -5, 640, 330);

pack();
```



```
// </editor-fold>

private void sback_btActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        this.dispose();
        new MainFrame1(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Service_Form.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new Crate_View(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        new GatePass_Manual(a).setVisible(true);
    } catch (SQLException ex) {
        Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



```
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
try {
    new DistributorSheet(a).setVisible(true);
} catch (SQLException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
} catch (IOException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
} catch (WriteException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
} catch (BiffException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
}
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
try {
    new Dealer_Report(a).setVisible(true);
} catch (SQLException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
} catch (ClassNotFoundException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
} catch (InterruptedException ex) {
    Logger.getLogger(Report.class.getName()).log(Level.SEVERE, null, ex);
}
}

// Variables declaration - do not modify
```



```
private javax.swing.JLabel image;
private javax.swing.JLabel image2;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton sback_bt;
// End of variables declaration
}
```

DISTRIBUTOR SHEET

```
package sudhamilk;
import java.awt.Component;
import java.awt.Dimension;
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.Image;
import java.awt.Toolkit;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;
import java.io.IOException;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
```



```
import javax.swing.ImageIcon;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import jxl.read.biff.BiffException;
import jxl.write.WriteException;
public class DistributorSheet extends javax.swing.JFrame {
    Connection con;
    PreparedStatement p;
    ResultSet rs;
    DefaultTableModel model;
    JLabel labarr[][]; boolean flag=false,fl;
    byte i;
    int z_code;
    String s,s1;
    public DistributorSheet(int a) throws IOException, WriteException, BiffException, SQLException, ClassNotFoundException {
        initComponents();
        ImageIcon img1=new ImageIcon(new ImageIcon(getClass().getResource("logo6.png")).getImage().getScaledInstance(jLabel1.getWidth(),jLabel1.getHeight(),Image.SCALE_DEFAULT));
        jLabel1.setIcon(img1);
        ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));
        this.setIconImage(img2.getImage());
        // this.setSize(Toolkit.getDefaultToolkit().getScreenSize());
        con=ConnDb.conLink();
        this.setLocationRelativeTo(null);
        labarr=new
        JLabel[][]{{l1,l11},{l2,l22},{l3,l33},{l4,l44},{l5,l55},{l6,l66},{l7,l77},{l8,l88},{l9,l99},{l10,l1010}};
```



```
p=con.prepareStatement("select prd_name,mrp from rate_file");

rs=p.executeQuery();

i=0;

while(rs.next())

{

    labarr[i][0].setText(rs.getString(1));

    labarr[i][1].setText(rs.getString(2));

    i++;

}

p=con.prepareStatement("select suply_date,shift from current_supply");

rs=p.executeQuery();

rs.next();

date.setText(rs.getString(1));

s=rs.getString(2);

if(s.equalsIgnoreCase("mrng"))

{

    s1="MORNING" ;

    shift.setText(s1);

}

else

{

    s1="EVENING";

    shift.setText(s1);

}

p=con.prepareStatement("select z_code from current_supply group by z_code");

rs=p.executeQuery();

while(rs.next()){

    zcombo.addItem(rs.getString(1));
```



```
System.out.println("Rays");

z_code=z_code+1;

}

flag=true;

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

shift = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

date = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

pageno = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

l11 = new javax.swing.JLabel();

l22 = new javax.swing.JLabel();

l33 = new javax.swing.JLabel();

l44 = new javax.swing.JLabel();

l55 = new javax.swing.JLabel();

l66 = new javax.swing.JLabel();

l77 = new javax.swing.JLabel();
```



```
I88 = new javax.swing.JLabel();
I99 = new javax.swing.JLabel();
I10 = new javax.swing.JLabel();
I1 = new javax.swing.JLabel();
I2 = new javax.swing.JLabel();
I3 = new javax.swing.JLabel();
I4 = new javax.swing.JLabel();
I5 = new javax.swing.JLabel();
I7 = new javax.swing.JLabel();
I6 = new javax.swing.JLabel();
I8 = new javax.swing.JLabel();
I9 = new javax.swing.JLabel();
I1010 = new javax.swing.JLabel();
jLabel38 = new javax.swing.JLabel();
 jScrollPane1 = new javax.swing.JScrollPane();
Table = new javax.swing.JTable();
jLabel22 = new javax.swing.JLabel();
jLabel25 = new javax.swing.JLabel();
zcombo = new javax.swing.JComboBox<>();
routecombo = new javax.swing.JComboBox<>();
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
setTitle("Distribution Sheet");
setResizable(false);
addWindowListener(new java.awt.event.WindowAdapter() {
    public void windowClosed(java.awt.event.WindowEvent evt) {
        formWindowClosed(evt);
    }
});
jLabel1.setText("logo");
```



```
jLabel2.setFont(new java.awt.Font("Cooper Black", 1, 20)); // NOI18N  
jLabel2.setText(" PATNA DAIRY PROJECT");  
  
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
jLabel3.setText("PHULWARISHARIF , PATNA");  
  
shift.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
  
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
jLabel5.setText("DATE :");  
  
date.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
  
jLabel7.setFont(new java.awt.Font("Franklin Gothic Medium", 1, 14)); // NOI18N  
jLabel7.setText("POLYPACK MILK DISTRIBUTION SHEET");  
  
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
jLabel8.setText("PAGE NO. :");  
  
pageno.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
pageno.setText("1");  
  
jLabel10.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
jLabel10.setText("RATE :");  
  
jLabel11.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
jLabel11.setText("PRODUCT NAME :");  
  
jLabel12.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
jLabel12.setText("CONSUMER RATE :");  
  
l11.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l12.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l13.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l14.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l15.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l16.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l17.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
l18.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```



```
I99.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I10.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I3.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I4.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I5.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I7.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I6.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I8.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I9.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
I10.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
jLabel38.setFont(new java.awt.Font("Tahoma", 1, 16)); // NOI18N  
jLabel38.setText("<----- PRODUCT WISE MILK QUANTITY IN LITERS ----->");  
  
Table.setModel(new javax.swing.table.DefaultTableModel(  
    new Object [][] {  
        },  
    new String [] {  
        "RETAILER CODE", "PRODUCT CODE", "PRODUCT NAME", "PRODUCT QUANTITY", "SHORT  
EXCESS AMOUNT"  
    }    )  
  
{    Class[] types = new Class [] {  
        java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,  
java.lang.String.class    };  
    public Class getColumnClass(int columnIndex) {  
        return types [columnIndex];  
    }    });
```



```
jScrollPane1.setViewportView(Table);

jLabel22.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
jLabel22.setText("ZONE NO. :");

jLabel25.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
jLabel25.setText("ROUTE NO. :");

zcombo.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
zcombo.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        zcomboActionPerformed(evt);
    }
});

routecombo.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
routecombo.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        routecomboActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
    jPanel1Layout.createSequentialGroup()
        .addGap(85, 85, 85)
        .addComponent(jLabel7)
        .addGapPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(85, 85, 85)
                .addComponent(iLabel5)
            )
        )
    )
);
```



```
.addGap(18, 18, 18)

.addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE, 103,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(26, 26, 26))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

.addGap(10, 10, 10)

.addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGap(18, 18, 18)

.addComponent(pageno, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(75, 75, 75)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(shift, javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(50, 50, 50))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()

.addGap(20, 20, 20)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel11)

.addComponent(jLabel12))

.addGap(28, 28, 28)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(l1, javax.swing.GroupLayout.DEFAULT_SIZE, 70,
Short.MAX_VALUE)
```



```
.addComponent(l11, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(l2, javax.swing.GroupLayout.DEFAULT_SIZE, 70,
Short.MAX_VALUE)

.addComponent(l22, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(l33, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(l3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(l4, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l44))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(l5, javax.swing.GroupLayout.DEFAULT_SIZE, 69,
Short.MAX_VALUE)

.addComponent(l55, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(l66)

.addComponent(l6, javax.swing.GroupLayout.PREFERRED_SIZE, 69,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(l7)
            .addComponent(l77))
        .addGap(18, 18, 18)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(l88)
        .addComponent(l8))
    .addGap(18, 18, 18)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(l9)
        .addComponent(l99))
    .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(l1010)
        .addComponent(l10)))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(10, 10, 10)
        .addComponent(jLabel22, javax.swing.GroupLayout.PREFERRED_SIZE, 68,
    javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(zcombo, javax.swing.GroupLayout.PREFERRED_SIZE, 77,
    javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jLabel25, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(18, 18, 18)
```



```
.addComponent(routecombo, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE))))  
  
.addGroup(jPanel1Layout.createSequentialGroup())  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
    .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 323, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())  
  
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addGap(109, 109, 109))  
  
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()  
  
            .addComponent(jLabel3)  
  
            .addGap(57, 57, 57)))  
  
        .addGap(0, 0, Short.MAX_VALUE))))  
  
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()  
  
    .addContainerGap()  
  
    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addGap(0, 0, Short.MAX_VALUE)))  
  
    .addGap(164, 164, 164))  
  
.addGroup(jPanel1Layout.createSequentialGroup()  
  
    .addGap(0, 0, Short.MAX_VALUE)  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 917,
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addComponent(jLabel38))  
  
.addGap(0, 0, Short.MAX_VALUE));
```



```
jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new java.awt.Component[]  
{l10, l1010, l3, l4, l44, l5, l6, l66, l7, l77, l8, l88, l9, l99});  
  
jPanel1Layout.setVerticalGroup()  
  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()  
  
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 57,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
        .addGroup(jPanel1Layout.createSequentialGroup()  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
  
        .addComponent(shift, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
  
        .addGroup(jPanel1Layout.createSequentialGroup()  
  
        .addGap(2, 2, 2)  
  
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 30,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 14,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 22,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 22,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
  
        .addGroup(jPanel1Layout.createSequentialGroup()  
  
        .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE, 18,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
        .addGap(3, 3, 3)))  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(jLabel8)
.addComponent(pageno))
.addGap(4, 4, 4)
.addComponent(jLabel10)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jLabel11)
.addComponent(l1)
.addComponent(l2)
.addComponent(l3)
.addComponent(l4, javax.swing.GroupLayout.PREFERRED_SIZE, 14,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(l5)
.addComponent(l6, javax.swing.GroupLayout.PREFERRED_SIZE, 14,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(l7)
.addComponent(l8)
.addComponent(l10)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(l22, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 14, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel12)
.addComponent(l11)
.addComponent(l33)
.addComponent(l44)
```



```
.addComponent(l55)
.addComponent(l66)
.addComponent(l77)
.addComponent(l88))

.addComponent(l99, javax.swing.GroupLayout.PREFERRED_SIZE, 14,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l1010)))

.addComponent(l9))

.addGap(15, 15, 15)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel25)

.addComponent(routecombo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel22, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(zcombo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(18, 18, 18)

.addComponent(jLabel38, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(4, 4, 4)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 263,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(29, 29));;

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {l1,
l10, l1010, l11, l2, l22, l3, l33, l4, l44, l5, l55, l6, l66, l7, l77, l8, l88, l9});

jPanel1Layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{ jLabel22, jLabel25});;

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
```



```
getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE));
}

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE));
}

pack();
}// </editor-fold>

private void zcomboActionPerformed(java.awt.event.ActionEvent evt) {
    if(flag)
    {
        fl=false;
        try {
            p=con.prepareStatement("select distinct route_no from current_supply where
z_code=?");
            s=zcombo.getSelectedItem().toString().toUpperCase();
            p.setString(1,s);
            //zcombo.removeItem(zcombo.getSelectedItem());
            rs=p.executeQuery();
            routecombo.removeAllItems();
            while(rs.next())
                routecombo.addItem(rs.getString(1));
            fl=true;
        } catch (SQLException ex) {
            Logger.getLogger(DistributorSheet.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
}
```



```
    }

}

private void routecomboActionPerformed(java.awt.event.ActionEvent evt) {

if(f1){

try {

    int r=JOptionPane.showConfirmDialog(null,"Do You Want to print : press 'YES' ' Or View :
Press 'NO' ","Print confirmation",JOptionPane.YES_NO_OPTION);

    if(r==0){

        byte page=0;

        p=con.prepareStatement("select ret_code,prd_code,prd_name,prd_qty,sh_ex_val from
current_supply where z_code=? and route_no=?");

        s1=routecombo.getSelectedItem().toString();

        p.setString(2,s1);

        p.setString(1,s);

        rs=p.executeQuery();

        model=(DefaultTableModel)Table.getModel();

        i=0;

        model.setRowCount(0);

        while(rs.next()){

            model.addRow(new Object[]{"","","","","",""});

            model.setValueAt(rs.getString(1),i,0);

            model.setValueAt(rs.getString(2),i,1);

            model.setValueAt(rs.getString(3),i,2);

            model.setValueAt(rs.getString(4),i,3);

            model.setValueAt(rs.getString(5),i,4);

            if(i==9){

                pageno.setText(""+(++page));

                print();

                model.setRowCount(0);

```



```
i=-1;  
}  
i++;  
}  
  
model.addRow(new Object[]{"","","","","",""});  
  
if((i+1)==9){  
    pageno.setText(""+(++page));  
    print();  
    model.setRowCount(0);  
    i=-1;  
}  
  
p=con.prepareStatement("select prd_code,prd_name,sum(prd_qty) from current_supply  
where z_code=? and route_no=? group by prd_code,prd_name order by prd_code");  
  
p.setString(1,s);  
p.setString(2,s1);  
rs=p.executeQuery();  
  
model.addRow(new Object[]{"TOTAL","PRD_CODE","PRD_NAME","QUANTITY"});  
i=(byte)(i+2);  
int tot=0;  
  
while(rs.next()){  
    model.addRow(new Object[]{"","","","",""});  
    model.setValueAt(rs.getString(1),i,2);  
    model.setValueAt(rs.getString(2),i,3);  
    model.setValueAt(rs.getString(3),i,4);  
    tot=tot+Integer.parseInt(rs.getString(3));  
    if(i==9){  
        pageno.setText(""+(++page));  
        print();  
    }  
}
```



```
model.setRowCount(0);

i=-1;

}

i++;

}

model.addRow(new Object[]{"","","","","Total:",tot});

if(i<9){

    pageno.setText(""+(++page));

    print();

    //routecombo.removeItem(routecombo.getSelectedItem());

}

routecombo.removeItem(routecombo.getSelectedItem());

if(routecombo.getItemCount()==0){

    flag=false;

    zcombo.removeItem(zcombo.getSelectedItem());

}

flag=true;

}

else{

    p=con.prepareStatement("select ret_code,prd_code,prd_name,prd_qty,sh_ex_val from
current_supply where z_code=? and route_no=?");

    p.setString(1,s);

    p.setString(2,routecombo.getSelectedItem().toString());

    rs=p.executeQuery();

    model=(DefaultTableModel)Table.getModel();

    i=0;

    model.setRowCount(0);

    while(rs.next()){


```



```
model.addRow(new Object[]{"","","","","","",""});  
model.setValueAt(rs.getString(1),i,0);  
model.setValueAt(rs.getString(2),i,1);  
model.setValueAt(rs.getString(3),i,2);  
model.setValueAt(rs.getString(4),i,3);  
model.setValueAt(rs.getString(5),i,4);  
i++;  
}  
  
model.addRow(new Object[]{"","","","","","",""});  
p=con.prepareStatement("select prd_code,prd_name,sum(p"  
+ "rd_qty) from current_supply where z_code=? and route_no=? group by  
prd_code,prd_name order by prd_code");  
p.setString(1,s);  
p.setString(2,routecombo.getSelectedItem().toString());  
rs=p.executeQuery();  
model.addRow(new Object[]{"","","TOTAL","PRD_CODE","PRD_NAME","QUANTITY"});  
i=(byte)(i+2);  
int tot=0;  
while(rs.next()){  
model.addRow(new Object[]{"","","","","","",""});  
model.setValueAt(rs.getString(1),i,2);  
model.setValueAt(rs.getString(2),i,3);  
model.setValueAt(rs.getString(3),i,4);  
tot=tot+Integer.parseInt(rs.getString(3));  
i++;  
}  
model.addRow(new Object[]{"","","","","Total:",tot});  
}
```



```
        } catch (SQLException ex) {  
            Logger.getLogger(DistributorSheet.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    }  
}  
  
private void formWindowClosed(java.awt.event.WindowEvent evt) {  
  
    try {  
        p=con.prepareStatement("update temp set c=?");  
        if(zcombo.getItemCount()==0&&routecombo.getItemCount()==0)  
            p.setInt(1,1);  
        else  
            p.setInt(1,0);  
        p.executeUpdate();  
    } catch (SQLException ex) {  
        Logger.getLogger(GatePass_Manual.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
public void print(){  
    PrinterJob pjob = PrinterJob.getPrinterJob();  
    PageFormat preformat = pjob.defaultPage();  
    preformat.setOrientation(PageFormat.LANDSCAPE);  
    PageFormat postformat = pjob.pageDialog(format);  
    //If user does not hit cancel then print.  
    if (preformat != postformat) {  
        //Set print component  
        pjob.setPrintable(new Printer(this), postformat);  
        if (pjob.printDialog()) {  
            try {
```



```
pjob.print();

} catch (PrinterException ex) {

}

}

}

}

public static class Printer implements Printable {

final Component comp;

public Printer(Component comp){

    this.comp = comp;

}

@Override

public int print(Graphics g, PageFormat format, int page_index)

    throws PrinterException {

if (page_index > 0) {

    return Printable.NO_SUCH_PAGE;

}

// get the bounds of the component

Dimension dim = comp.getSize();

double cHeight = dim.getHeight();

double cWidth = dim.getWidth();

// get the bounds of the printable area

double pHeight = format.getImageableHeight();

double pWidth = format.getImageableWidth();

double pXStart = format.getImageableX();

double pYStart = format.getImageableY();

double xRatio = pWidth / cWidth;

double yRatio = pHeight / cHeight;
```



```
Graphics2D g2 = (Graphics2D) g;
g2.translate(pXStart, pYStart);
g2.scale(xRatio, yRatio);
comp.paint(g2);
return Printable.PAGE_EXISTS;
}
}

// Variables declaration - do not modify
private javax.swing.JTable Table;
private javax.swing.JLabel date;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel22;
private javax.swing.JLabel jLabel25;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel38;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JLabel l1;
private javax.swing.JLabel l10;
private javax.swing.JLabel l1010;
private javax.swing.JLabel l11;
```



```
private javax.swing.JLabel l2;
private javax.swing.JLabel l22;
private javax.swing.JLabel l3;
private javax.swing.JLabel l33;
private javax.swing.JLabel l4;
private javax.swing.JLabel l44;
private javax.swing.JLabel l5;
private javax.swing.JLabel l55;
private javax.swing.JLabel l6;
private javax.swing.JLabel l66;
private javax.swing.JLabel l7;
private javax.swing.JLabel l77;
private javax.swing.JLabel l8;
private javax.swing.JLabel l88;
private javax.swing.JLabel l9;
private javax.swing.JLabel l99;
private javax.swing.JLabel pageno;
private javax.swing.JComboBox<String> routecombo;
private javax.swing.JLabel shift;
private javax.swing.JComboBox<String> zcombo;
// End of variables declaration
}
```

GATE PASS

```
package sudhamilk;
import java.awt.Component;
import java.awt.Dimension;
import java.awt.Graphics;
```



```
import java.awt.Graphics2D;
import java.awt.Image;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.ImageIcon;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
public class GatePass_Manual extends javax.swing.JFrame {
    PreparedStatement p;
    ResultSet rs;
    Connection con;
    JLabel []labarr,lab2;
    byte i;
    Boolean flag=false,fl; String s,s1;
    public GatePass_Manual(int a) throws SQLException, ClassNotFoundException {
        initComponents();
        con=ConnDb.conLink();
        ImageIcon img1=new ImageIcon(new ImageIcon(getClass().getResource("logo6.png")).getImage().getScaledInstance(image1.getWidth(),image1.getHeight(),Image.SCALE_DEFAULT));
        image1.setIcon(img1);
    }
}
```



```
ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));

this.setIconImage(img2.getImage());

this.setLocationRelativeTo(null);

//this.setSize(Toolkit.getDefaultToolkit().getScreenSize());

labarr=new JLabel[]{l1,l2,l3,l4,l5,l6,l7,l8,l9,l10,l12};

lab2=new JLabel[]{l11,l22,l33,l44,l55,l66,l77,l88,l99,l1010,l1212};

p=con.prepareStatement("select prd_name from rate_file");

rs=p.executeQuery();

i=0;

while(rs.next())

{

    labarr[i].setText(rs.getString(1));

    i++;

}

p=con.prepareStatement("select distinct z_code from current_supply order by z_code");

rs=p.executeQuery();

while(rs.next()){

    zcode_cmb.addItem(rs.getString(1));

}

flag=true;

p=con.prepareStatement("select distinct suply_date,shift from current_supply");

rs=p.executeQuery();

rs.next();

date_tf.setText(rs.getString(1));

shift_tf.setText(rs.getString(2));

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">
```



```
private void initComponents() {  
    zno_lab = new javax.swing.JLabel();  
    jLabel1 = new javax.swing.JLabel();  
    jLabel2 = new javax.swing.JLabel();  
    shift = new javax.swing.JLabel();  
    date = new javax.swing.JLabel();  
    jLabel3 = new javax.swing.JLabel();  
    jLabel4 = new javax.swing.JLabel();  
    jLabel7 = new javax.swing.JLabel();  
    jLabel8 = new javax.swing.JLabel();  
    jLabel9 = new javax.swing.JLabel();  
    jLabel10 = new javax.swing.JLabel();  
    image1 = new javax.swing.JLabel();  
    shift_tf = new javax.swing.JTextField();  
    date_tf = new javax.swing.JTextField();  
    jLabel5 = new javax.swing.JLabel();  
    jLabel6 = new javax.swing.JLabel();  
    jLabel11 = new javax.swing.JLabel();  
    jLabel30 = new javax.swing.JLabel();  
    jLabel31 = new javax.swing.JLabel();  
    jLabel32 = new javax.swing.JLabel();  
    jLabel33 = new javax.swing.JLabel();  
    jLabel34 = new javax.swing.JLabel();  
    jLabel35 = new javax.swing.JLabel();  
    f_crates_tf = new javax.swing.JLabel();  
    tm_tf = new javax.swing.JLabel();  
    jLabel38 = new javax.swing.JLabel();  
    jLabel39 = new javax.swing.JLabel();
```



```
jLabel40 = new javax.swing.JLabel();

jLabel41 = new javax.swing.JLabel();

zcode_cmb = new javax.swing.JComboBox<>();

route_cmb = new javax.swing.JComboBox<>();

l1 = new javax.swing.JLabel();

l2 = new javax.swing.JLabel();

l3 = new javax.swing.JLabel();

l4 = new javax.swing.JLabel();

l5 = new javax.swing.JLabel();

l6 = new javax.swing.JLabel();

l7 = new javax.swing.JLabel();

l8 = new javax.swing.JLabel();

l9 = new javax.swing.JLabel();

l10 = new javax.swing.JLabel();

l11 = new javax.swing.JLabel();

l12 = new javax.swing.JLabel();

l13 = new javax.swing.JLabel();

l14 = new javax.swing.JLabel();

l15 = new javax.swing.JLabel();

l16 = new javax.swing.JLabel();

l17 = new javax.swing.JLabel();

l18 = new javax.swing.JLabel();

l19 = new javax.swing.JLabel();

l1010 = new javax.swing.JLabel();

l12 = new javax.swing.JLabel();

l1212 = new javax.swing.JLabel();

lab1 = new javax.swing.JLabel();

lab11 = new javax.swing.JLabel();
```



```
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

setTitle("Gate Pass...");

setResizable(false);

addWindowListener(new java.awt.event.WindowAdapter() {

    public void windowClosed(java.awt.event.WindowEvent evt) {

        formWindowClosed(evt);

    }    });

zno_lab.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

zno_lab.setText("ZONE NO. :");

jLabel1.setFont(new java.awt.Font("Cooper Black", 1, 20)); // NOI18N

jLabel1.setText("PATNA DAIRY PROJECT");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Phulwarisharif");

shift.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

shift.setText("SHIFT :");

date.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

date.setText("DATE :");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel3.setText("GATE PASS");

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel4.setText("ROUTE NO. :");

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel7.setText("DISPATCH TIME      :");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel8.setText("TRUCK TANKER LV/NO :");

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel9.setText("Remarks :");

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
```



```
jLabel10.setText("TIME OUT (GATE)      :");
shift_tf.setEditable(false);
date_tf.setEditable(false);

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel5.setText("PRODUCT WISE MILK QUANTITY IN LITERS");

jLabel6.setText("TOTAL MILK IN CRATES :");
jLabel11.setText("NO. OF FILLED CRATES :");
jLabel30.setText("TOTAL NO. OF CANS:");
jLabel31.setText("NO. OF EMPTY CRATES :");
jLabel32.setText("NO. OF EMPTY CANS      :");
jLabel33.setText("MILK QUANTITY IN CANS :");
jLabel34.setText("TOTAL NO. OF CRATES :");
jLabel35.setText("NO. OF FILLED CANS      :");
jLabel38.setText("SIGNATURE");
jLabel39.setText("(SHIFT INCHARGE)");
jLabel40.setText("-----");
jLabel41.setText("-----");

zcode_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        zcode_cmbActionPerformed(evt);
    }
});

route_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        route_cmbActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(zcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(route_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap()
    )
)
```



```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup())
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(65, 65, 65)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 95,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(0, 0, Short.MAX_VALUE))
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(zno_lab, javax.swing.GroupLayout.PREFERRED_SIZE, 92,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(layout.createSequentialGroup()
                            .addComponent(jLabel40, javax.swing.GroupLayout.PREFERRED_SIZE, 241,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(0, 0, Short.MAX_VALUE))
                        .addComponent(jLabel5)
                    .addGapPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel41))
                .addGapGroup()
                .addGroup(layout.createSequentialGroup()
                    .addComponent(zcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 89,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGapPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 62,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGapGap(34, 34, 34)
                .addGapGroup()
            .addGapGroup()
        .addGapGroup()
    .addGapGroup()
}
```



```
.addComponent(jLabel4)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(route_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 88,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(lab11, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(0, 0, Short.MAX_VALUE))))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addComponent(jLabel39, javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(f_crates_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 74,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(tm_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 74,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponent(jLabel38)
.addGap(21, 21, 21)))

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE))))
```



```
.addContainerGap()

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(109, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18))

.addGroup(layout.createSequentialGroup()

.addGap(34, 34, 34)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

.addComponent(l11, javax.swing.GroupLayout.DEFAULT_SIZE, 65,
Short.MAX_VALUE)

.addComponent(l1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

.addComponent(l22, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(8, 8, 8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
          .addComponent(l33, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
          .addComponent(l3, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addGap(8, 8, 8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
          .addComponent(l4, javax.swing.GroupLayout.DEFAULT_SIZE, 65,
Short.MAX_VALUE)
          .addComponent(l44, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
          .addGap(8, 8, 8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
          .addComponent(l5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
          .addComponent(l55, javax.swing.GroupLayout.DEFAULT_SIZE, 62,
Short.MAX_VALUE))
          .addGap(8, 8, 8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
          .addComponent(l6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
          .addComponent(l66, javax.swing.GroupLayout.DEFAULT_SIZE, 62,
Short.MAX_VALUE))
          .addGap(8, 8, 8)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
          .addComponent(l7, javax.swing.GroupLayout.DEFAULT_SIZE, 66,
Short.MAX_VALUE)
          .addComponent(l77, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
          .addGap(8, 8, 8)
```



```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(l8, javax.swing.GroupLayout.DEFAULT_SIZE, 62,
Short.MAX_VALUE)
    .addComponent(l88, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    .addGap(8, 8, 8)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(l9, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(l99, javax.swing.GroupLayout.DEFAULT_SIZE, 62,
Short.MAX_VALUE))
    .addGap(8, 8, 8)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(l10, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(l1010, javax.swing.GroupLayout.DEFAULT_SIZE, 62,
Short.MAX_VALUE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(l12, javax.swing.GroupLayout.DEFAULT_SIZE, 55,
Short.MAX_VALUE)
        .addComponent(l1212, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addComponent(image1, javax.swing.GroupLayout.PREFERRED_SIZE, 69,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(106, 106, 106)
                .addComponent(l1212, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
Short.MAX_VALUE))
            .addComponent(l1212, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
Short.MAX_VALUE)))
        .addComponent(l1212, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
Short.MAX_VALUE))
    .addContainerGap())
)
```



```
.addGap(119, 119, 119))

.addComponent(jLabel1)

.addGroup(layout.createSequentialGroup()

.addGap(77, 77, 77)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 142,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(107, 107, 107)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addComponent(date)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(date_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(shift)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(shift_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 79,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGap(53, 53, 53))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel11)

.addComponent(jLabel31)

.addComponent(jLabel34))

.addGap(273, 273, 273)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel33)

.addComponent(jLabel32))
```



```
.addComponent(jLabel30)
.addComponent(jLabel35)))
.addComponent(jLabel6))
.addGap(0, 0, Short.MAX_VALUE))));

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(date_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    ..addGap(2, 2, 2))
                .addComponent(date, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addGroup(layout.createSequentialGroup()
                .addComponent(shift)
                ..addGap(7, 7, 7))
            .addComponent(shift_tf, javax.swing.GroupLayout.DEFAULT_SIZE, 31,
Short.MAX_VALUE)))
        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel3)
                    ..addGap(28, 28, 28))
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel30)
                    .addComponent(jLabel35)))
            .addComponent(jLabel6))
            ..addGap(0, 0, Short.MAX_VALUE))));
```



```
.addComponent(image1, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(5, 5, 5)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 22,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(24, 24, 24))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(zno_lab, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(zcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(lab1, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(route_cmb, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 24, Short.MAX_VALUE)

.addComponent(lab11, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel41)

.addComponent(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel40)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)))
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(layout.createSequentialGroup()  
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addComponent(l5, javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.PREFERRED_SIZE, 24, javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
            .addComponent(l1, javax.swing.GroupLayout.PREFERRED_SIZE, 22,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 22,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l4, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l7, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l3, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l6, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l8, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l9, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l10, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addComponent(l12, javax.swing.GroupLayout.PREFERRED_SIZE, 24,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
    .addGap(9, 9, 9)  
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
        .addComponent(l11, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```



```
.addComponent(l33, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l44, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l55, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l66, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l77, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l88, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l99, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l1010, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(l1212, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(45, 45, 45)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(tm_tf, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 25, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel6)

.addComponent(jLabel33)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup())
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel11)
```



```
.addComponent(f_crates_tf))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel31)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel34)))))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel35)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel32)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel30)))))

.addGap(35, 35, 35)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(16, 16, 16)

.addComponent(jLabel38)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel39)

.addGap(49, 49, 49))

.addGroup(layout.createSequentialGroup()

.addComponent(l2, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(9, 9, 9)

.addComponent(l22, javax.swing.GroupLayout.PREFERRED_SIZE, 19,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))));
```



```
    pack();  
}  
  
private void route_cmbActionPerformed(java.awt.event.ActionEvent evt) {  
  
    if(f1){  
  
        try {  
  
            int tot=0;  
  
            byte j,k;  
  
            int a,b,c,cart;  
  
            for(j=0;j<i;j++){  
  
                lab2[j].setText("");  
  
                p=con.prepareStatement("select sum(prd_qty) from current_supply where  
upper(prd_name)=? and route_no=? and z_code=? group by prd_name");  
  
                p.setString(1,labarr[j].getText().toUpperCase());  
  
                s1=route_cmb.getSelectedItem().toString();  
  
                p.setString(2,s1);  
  
                p.setString(3,s);  
  
                rs=p.executeQuery();  
  
                if(rs.next()){  
  
                    tot=tot+rs.getInt(1);  
  
                    lab2[j].setText(rs.getString(1));  
  
                }  
  
            }  
  
            tm_tf.setText(""+tot);  
  
            a=0;b=0;c=0;cart=0;  
  
            for(j=0;j<i;j++){  
  
                String s=labarr[j].getText();  
  
                for(k=0;k<s.length();k++)  
  
                    if(s.charAt(k)=='_')
```



```
        break;

    if(!(lab2[j].getText().equals("")))

        switch(Integer.parseInt(s.substring(k+1,s.length())))

    {

        case 200: a=a+Integer.parseInt(lab2[j].getText()); break;

        case 500: b=b+Integer.parseInt(lab2[j].getText()); break;

        case 1000: c=c+Integer.parseInt(lab2[j].getText()); break;

    }

}

cart=cart+a/50;

if(a%50>0)

    cart=cart+1;

cart=cart+b/20;

if(b%20>0)

    cart=cart+1;

cart=cart+c/10;

if(c%10>0)

    cart=cart+1;

f_crates_tf.setText(""+cart);

int r=JOptionPane.showConfirmDialog(null,"Do You want to print ?","Print confirmation",JOptionPane.YES_NO_OPTION);

if(r==0){

    print();

    route_cmb.removeItem(route_cmb.getSelectedItem());

    if(route_cmb.getItemCount()==0){

        flag=false;

        zcode_cmb.removeItem(zcode_cmb.getSelectedItem());

    }

}
```



```
flag=true;  
}  
else  
{  
    for(j=0;j<i;j++){  
        lab2[j].setText("");  
        p=con.prepareStatement("select sum(prd_qty) from current_supply where  
upper(prd_name)=? and route_no=? and z_code=? group by prd_name");  
        p.setString(1,labarr[j].getText().toUpperCase());  
        p.setString(2,route_cmb.getSelectedItem().toString());  
        p.setString(3,s);  
        rs=p.executeQuery();  
        if(rs.next()){  
            tot=tot+rs.getInt(1);  
            lab2[j].setText(rs.getString(1));  
        }  
    }  
    tm_tf.setText(""+tot);  
    a=0;b=0;c=0;cart=0;  
    for(j=0;j<i;j++){  
        String s=labarr[j].getText();  
        for(k=0;k<s.length();k++)  
            if(s.charAt(k)=='_')  
                break;  
        if(!(lab2[j].getText().equals("")))  
            switch(Integer.parseInt(s.substring(k+1,s.length()))){  
                {  
                    case 200: a=a+Integer.parseInt(lab2[j].getText()); break;  
                }  
            }  
    }  
}
```



```
        case 500: b=b+Integer.parseInt(lab2[j].getText()); break;
        case 1000: c=c+Integer.parseInt(lab2[j].getText()); break;
    }
}

cart=cart+a/50;
if(a%50>0)
    cart=cart+1;
cart=cart+b/20;
if(b%20>0)
    cart=cart+1;
cart=cart+c/10;
if(c%10>0)
    cart=cart+1;
f_crates_tf.setText(""+cart);
}

} catch (SQLException ex) {
    Logger.getLogger(GatePass_Manual.class.getName()).log(Level.SEVERE, null, ex);
}
}

private void zcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {
    if(flag)
    {
        fl=false;
        try {
            p=con.prepareStatement("select distinct route_no from current_supply where
upper(z_code)=?");
            s=zcode_cmb.getSelectedItem().toString().toUpperCase();

```



```
p.setString(1,s);

    rs=p.executeQuery();

    route_cmb.removeAllItems();

    while(rs.next())

        route_cmb.addItem(rs.getString(1));

    fl=true;

} catch (SQLException ex) {

    Logger.getLogger(GatePass_Manual.class.getName()).log(Level.SEVERE, null, ex);

}

}

}

private void formWindowClosed(java.awt.event.WindowEvent evt) {

    try {

        p=con.prepareStatement("update temp set a=?");

        if(zcode_cmb.getItemCount()==0&&route_cmb.getItemCount()==0)

            p.setInt(1,1);

        else

            p.setInt(1,0);

        p.executeUpdate();

    } catch (SQLException ex) {

        Logger.getLogger(GatePass_Manual.class.getName()).log(Level.SEVERE, null, ex);

    }

}

public void print(){

    PrinterJob pjob = PrinterJob.getPrinterJob();

    PageFormat preformat = pjob.defaultPage();

    preformat.setOrientation(PageFormat.LANDSCAPE);

    PageFormat postformat = pjob.pageDialog(preformat);
```



```
if (preformat != postformat) {  
    pjob.setPrintable(new Printer(this), postformat);  
  
    if (pjob.printDialog()) {  
  
        try {  
            pjob.print();  
  
        } catch (PrinterException ex) {  
  
        }  
  
    }  
  
}  
  
public static class Printer implements Printable {  
  
    final Component comp;  
  
    public Printer(Component comp){  
  
        this.comp = comp;  
  
    }  
  
    @Override  
  
    public int print(Graphics g, PageFormat format, int page_index)  
        throws PrinterException {  
  
        if (page_index > 0) {  
  
            return Printable.NO_SUCH_PAGE;  
  
        }  
  
        Dimension dim = comp.getSize();  
        double cHeight = dim.getHeight();  
        double cWidth = dim.getWidth();  
  
        double pHeight = format.getImageableHeight();  
        double pWidth = format.getImageableWidth();  
        double pXStart = format.getImageableX();  
        double pYStart = format.getImageableY();
```



```
double xRatio = pWidth / cWidth;  
double yRatio = pHeight / cHeight;  
Graphics2D g2 = (Graphics2D) g;  
g2.translate(pXStart, pYStart);  
g2.scale(xRatio, yRatio);  
comp.paint(g2);  
return Printable.PAGE_EXISTS;  
}  
}  
  
private javax.swing.JLabel date;  
private javax.swing.JTextField date_tf;  
private javax.swing.JLabel f_crates_tf;  
private javax.swing.JLabel image1;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel11;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel30;  
private javax.swing.JLabel jLabel31;  
private javax.swing.JLabel jLabel32;  
private javax.swing.JLabel jLabel33;  
private javax.swing.JLabel jLabel34;  
private javax.swing.JLabel jLabel35;  
private javax.swing.JLabel jLabel38;  
private javax.swing.JLabel jLabel39;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel40;
```



```
private javax.swing.JLabel jLabel41;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JLabel l1;
private javax.swing.JLabel l10;
private javax.swing.JLabel l1010;
private javax.swing.JLabel l11;
private javax.swing.JLabel l12;
private javax.swing.JLabel l1212;
private javax.swing.JLabel l2;
private javax.swing.JLabel l22;
private javax.swing.JLabel l3;
private javax.swing.JLabel l33;
private javax.swing.JLabel l4;
private javax.swing.JLabel l44;
private javax.swing.JLabel l5;
private javax.swing.JLabel l55;
private javax.swing.JLabel l6;
private javax.swing.JLabel l66;
private javax.swing.JLabel l7;
private javax.swing.JLabel l77;
private javax.swing.JLabel l8;
private javax.swing.JLabel l88;
private javax.swing.JLabel l9;
private javax.swing.JLabel l99;
```



```
private javax.swing.JLabel lab1;
private javax.swing.JLabel lab11;
private javax.swing.JComboBox<String> route_cmb;
private javax.swing.JLabel shift;
private javax.swing.JTextField shift_tf;
private javax.swing.JLabel tm_tf;
private javax.swing.JComboBox<String> zcode_cmb;
private javax.swing.JLabel zno_lab;
}
```

DEALER REPORT

```
package sudhamilk;
import java.awt.Component;
import java.awt.Dimension;
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.Image;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
```



```
public class Dealer_Report extends javax.swing.JFrame {  
    Connection con;  
    PreparedStatement p;  
    ResultSet rs,rs1;  
    public Dealer_Report(int a) throws SQLException, ClassNotFoundException, InterruptedException  
{  
    initComponents();  
    con=ConnDb.conLink();  
    this.setVisible(true);  
    this.setLocationRelativeTo(null);  
    ImageIcon img1=new ImageIcon(getClass().getResource("logo  
6.png")).getImage().getScaledInstance(image1.getWidth(),image1.getHeight(),Image.SCALE_DEFAULT);  
    image1.setIcon(img1);  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
    this.setIconImage(img2.getImage());  
    p=con.prepareStatement("select distinct suply_date,shift from current_supply");  
    rs=p.executeQuery();  
    rs.next();  
    date_tf.setText(rs.getString(1));  
    p=con.prepareStatement("select prd_name from rate_file");  
    rs=p.executeQuery();  
    DefaultTableModel model=(DefaultTableModel)tab.getModel();  
    model.addColumn("DISTRIBUTOR");  
    while(rs.next())  
        model.addColumn(rs.getString(1).toUpperCase());  
    model.addColumn("TOTAL_QTY");  
    model.fireTableDataChanged();
```



```
p=con.prepareStatement("select dist_cod from distributor_master where z_code in(select distinct z_code from current_supply)");

rs=p.executeQuery();

byte i,j,page=0;

int tot;

Object []rowdata=new Object[model.getColumnCount()];

for(i=0;i<model.getColumnCount();i++)

    rowdata[i]("");

for(i=0;rs.next();i++){

    tot=0;

    model.addRow(rowdata);

    model.setValueAt(rs.getString(1),i,0);

    p=con.prepareStatement("select sum(prd_qty) from current_supply group by z_code,prd_name",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

    rs1=p.executeQuery();

    for(j=1;rs1.next()&&j<model.getColumnCount()-1;j++){

        model.setValueAt(rs1.getString(1),i,j);

        tot=tot+rs1.getInt(1);

    }

    model.setValueAt(tot,i,model.getColumnCount()-1);

}

rs1.beforeFirst();

rowdata[0]="TOTAL";

tab.setShowGrid(false);

model.addRow(rowdata);

for(j=1;rs1.next()&&j<model.getColumnCount();j++){

    tot=0;

    for(i=0;i<model.getRowCount()-1;i++)

        tot=tot+Integer.parseInt(model.getValueAt(i,j).toString());
```



```
        model.setValueAt(tot,i,j);

    }

tot=0;

for(i=0;i<model.getRowCount()-1;i++)

    tot=tot+Integer.parseInt(model.getValueAt(i,model.getColumnCount()-1).toString());

    model.setValueAt(tot,i,model.getColumnCount()-1);

    rowdata[0]="";

    model.addRow(rowdata);

    model.addRow(rowdata);

    i=(byte)(i+2);

    model.addRow(new Object[]{"DISTRIBUTOR WISE MILK_S","ALE_VALUE"});

    p=con.prepareStatement("select prd_name from rate_file");

    rs=p.executeQuery();

    rowdata[0]="DISTRIBUTOR";

    for(j=1;rs.next();j++)

        rowdata[j]=rs.getString(1);

    rowdata[j]="TOTAL_VALUE";

    model.addRow(rowdata);

    p=con.prepareStatement("select dist_cod from distributor_master where z_code in(select distinct z_code from current_supply)",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

    rs=p.executeQuery();

    for(i=0;i<model.getColumnCount();i++)

        rowdata[i]("");

    byte k=(byte)model.getRowCount();

    for(i=k;rs.next();i++){

        tot=0;

        model.addRow(rowdata);

        model.setValueAt(rs.getString(1),i,0);
```



```
p=con.prepareStatement("select sum(prd_val) from current_supply group by
z_code,prd_name",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_READ_ONLY);

rs1=p.executeQuery();

for(j=1;rs1.next()&&j<model.getColumnCount()-1;j++){

    model.setValueAt(rs1.getString(1),i,j);

    tot=tot+rs1.getInt(1);

}

model.setValueAt(tot,i,model.getColumnCount()-1);

}

rowdata[0]="TOTAL";

rs1.beforeFirst();

model.addRow(rowdata);

for(j=1;rs1.next()&&j<model.getColumnCount();j++){

    tot=0;

    for(i=k;i<model.getRowCount()-1;i++){

        tot=tot+Integer.parseInt(model.getValueAt(i,j).toString());

        model.setValueAt(tot,i,j);

    }

    tot=0;

    for(i=k;i<model.getRowCount()-1;i++){

        tot=tot+Integer.parseInt(model.getValueAt(i,model.getColumnCount()-1).toString());

        model.setValueAt(tot,i,model.getColumnCount()-1);

    }

    int r=JOptionPane.showConfirmDialog(null,"Do You want to print ?","Print
confirmation",JOptionPane.YES_NO_OPTION);

    if(r==0){

        p=con.prepareStatement("update temp set d=?");

        p.setInt(1,1);

        p.executeUpdate();

        print();

    }

}
```



```
    }

}

public void print(){

    PrinterJob pjob = PrinterJob.getPrinterJob();

    PageFormat preformat = pjob.defaultPage();

    preformat.setOrientation(PageFormat.LANDSCAPE);

    PageFormat postformat = pjob.pageDialog(preformat);

    if (preformat != postformat) {

        pjob.setPrintable(new Printer(this), postformat);

        if (pjob.printDialog()) {

            try {

                pjob.print();

            } catch (PrinterException ex) {

                }

            }

        }

    }

public static class Printer implements Printable {

    final Component comp;

    public Printer(Component comp){

        this.comp = comp;

    }

    @Override

    public int print(Graphics g, PageFormat format, int page_index)

        throws PrinterException {

        if (page_index > 0) {

            return Printable.NO_SUCH_PAGE;

        }

    }

}
```



```
Dimension dim = comp.getSize();

    double cHeight = dim.getHeight();

    double cWidth = dim.getWidth();

    double pHeight = format.getImageableHeight();

    double pWidth = format.getImageableWidth();

    double pXStart = format.getImageableX();

    double pYStart = format.getImageableY();

    double xRatio = pWidth / cWidth;

    double yRatio = pHeight / cHeight;

    Graphics2D g2 = (Graphics2D) g;

    g2.translate(pXStart, pYStart);

    g2.scale(xRatio, yRatio);

    comp.paint(g2);

    return Printable.PAGE_EXISTS;

}

}

@SuppressWarnings("unchecked")

private void initComponents() {

    jLabel1 = new javax.swing.JLabel();

    jLabel2 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    date_tf = new javax.swing.JLabel();

    jLabel5 = new javax.swing.JLabel();

    jLabel6 = new javax.swing.JLabel();

    jScrollPane1 = new javax.swing.JScrollPane();

    tab = new javax.swing.JTable();

    image1 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
```



Sudha



```
.addComponent(jLabel1)
.addGap(76, 76, 76)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 210,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(74, 74, 74)

.addComponent(jLabel3)
.addGap(28, 28, 28)

.addComponent(date_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(layout.createSequentialGroup()
.addGap(20, 20, 20)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel6)
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 1171,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(layout.createSequentialGroup()
.addGap(565, 565, 565)

.addComponent(image1, javax.swing.GroupLayout.PREFERRED_SIZE, 68,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addContainerGap(23, Short.MAX_VALUE)) );
layout.setVerticalGroup(
.layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addContainerGap()
.addComponent(image1, javax.swing.GroupLayout.PREFERRED_SIZE, 57,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```



```
.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(date_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(26, 26, 26)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(2, 2, 2)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 11,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 279,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)) );  
pack();  
}// </editor-fold>  
  
// Variables declaration - do not modify  
private javax.swing.JLabel date_tf;  
private javax.swing.JLabel image1;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JTable tab;
```



```
// End of variables declaration  
}
```

CRATE DETAILS

```
package sudhamilk;  
  
import java.awt.Component;  
  
import java.awt.Dimension;  
  
import java.awt.Graphics;  
  
import java.awt.Graphics2D;  
  
import java.awt.Image;  
  
import java.awt.print.PageFormat;  
  
import java.awt.print.Printable;  
  
import java.awt.print.PrinterException;  
  
import java.awt.print.PrinterJob;  
  
import java.sql.Connection;  
  
import java.sql.PreparedStatement;  
  
import java.sql.ResultSet;  
  
import java.sql.SQLException;  
  
import java.util.logging.Level;  
  
import java.util.logging.Logger;  
  
import javax.swing.DefaultComboBoxModel;  
  
import javax.swing.ImageIcon;  
  
import javax.swing.JOptionPane;  
  
import javax.swing.table.DefaultTableModel;  
  
public class Crate_View extends javax.swing.JFrame {  
  
    PreparedStatement p;  
  
    ResultSet rs,rs1;  
  
    Connection con;
```



```
Boolean flag=false,fl=false;  
String s,s1;  
  
public Crate_View(int a) throws SQLException, ClassNotFoundException {  
    initComponents();  
    con=ConnDb.conLink();  
    this.setLocationRelativeTo(null);  
    ImageIcon img1=new ImageIcon(getClass().getResource("logo  
6.png")).getImage().getScaledInstance(image1.getWidth(),image1.getHeight(),Image.SCALE_DEFAULT));  
  
    image1.setIcon(img1);  
    ImageIcon img2=new ImageIcon(getClass().getResource("logo.jpg"));  
    this.setIconImage(img2.getImage());  
    p=con.prepareStatement("select distinct z_code from current_supply order by z_code");  
    rs=p.executeQuery();  
    while(rs.next())  
    {  
        zcode_cmb.addItem(rs.getString(1));  
    }  
    p=con.prepareStatement("select distinct suply_date,shift from current_supply");  
    rs=p.executeQuery();  
    rs.next();  
    date_tf.setText(rs.getString(1));  
    shift_tf.setText(rs.getString(2));  
    flag=true;  
}  
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {
```



```
jLabel1 = new javax.swing.JLabel();  
jLabel2 = new javax.swing.JLabel();  
jLabel3 = new javax.swing.JLabel();  
jLabel4 = new javax.swing.JLabel();  
date_tf = new javax.swing.JTextField();  
jLabel5 = new javax.swing.JLabel();  
jLabel6 = new javax.swing.JLabel();  
shift_tf = new javax.swing.JTextField();  
jScrollPane1 = new javax.swing.JScrollPane();  
tab1 = new javax.swing.JTable();  
image1 = new javax.swing.JLabel();  
zcode_cmb = new javax.swing.JComboBox<>();  
route_cmb = new javax.swing.JComboBox<>();  
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);  
setTitle("Crate Details");  
setBackground(new java.awt.Color(255, 255, 255));  
addWindowListener(new java.awt.event.WindowAdapter() {  
    public void windowClosed(java.awt.event.WindowEvent evt) {  
        formWindowClosed(evt);  
    }  
});  
jLabel1.setFont(new java.awt.Font("Cooper Black", 1, 18)); // NOI18N  
jLabel1.setText("PATNA DAIRY PROJECT , PATNA");  
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jLabel2.setText("DETAILS OF MILK CRATE ROUTE & RETAILERWISE");  
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
jLabel3.setText("ZONE :");  
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N  
jLabel4.setText("DATE :");
```



```
date_tf.setEditable(false);

date_tf.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel5.setText("ROUTE :");

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel6.setText("SUB_ROUTE");

shift_tf.setEditable(false);

shift_tf.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

tab1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

tab1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        { },
        { }
    },
    new String [] {
        "RET_CODE", "SUPPLY_CRATES", "RETURN_CRATES", "BALANCE", "SIGNATURE"
    }
));

Class[] types = new Class [] {
    java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class,
    java.lang.String.class
};

public Class getColumnClass(int columnIndex) {
    return types [columnIndex];
}

jScrollPane1.setViewportView(tab1);

if (tab1.getColumnModel().getColumnCount() > 0) {
    tab1.getColumnModel().getColumn(0).setMinWidth(30); }

zcode_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        zcode_cmbActionPerformed(evt);
    }
});
```



```
route_cmb.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        route_cmbActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);

layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.TRAILING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 394,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel1)
                .addGap(27, 27, 27)))
        .addGapGap(150, 150, 150))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGapContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                layout.createSequentialGroup()
                    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGapGap(18, 18, 18)
                    .addComponent(zcode_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 89,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGapGap(27, 27, 27)
            )
        )
    )
);
```



```
.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(route_cmb, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(35, 35, 35)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 74,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(shift_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 79,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(29, 29, 29)

.addComponent(jLabel4)

.addGap(18, 18, 18)

.addComponent(date_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(image1, javax.swing.GroupLayout.PREFERRED_SIZE, 69,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(319, 319, 319))));

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()

        .addGap(12, 12, 12)

        .addComponent(image1, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(23, 23, 23)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(route_cmb)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(shift_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(date_tf, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(layout.createSequentialGroup()
            .addComponent(zcode_cmb)
            .addGap(1, 1, 1)))
    .addGap(31, 31, 31)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 236,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(0, 0, 0));
layout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[] {date_tf,
shift_tf});
pack();
}// </editor-fold>
```



```
private void zcode_cmbActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        if(flag){  
            fl=false;  
            p=con.prepareStatement("select distinct route_no from current_supply where  
upper(z_code)=?");  
            s=zcode_cmb.getSelectedItem().toString().toUpperCase();  
            p.setString(1,s);  
            rs=p.executeQuery();  
            route_cmb.removeAllItems();  
            while(rs.next())  
            {  
                route_cmb.addItem(rs.getString(1));  
            }  
            fl=true;}  
    } catch (SQLException ex) {  
        Logger.getLogger(GatePass_Manual.class.getName()).log(Level.SEVERE, null, ex);  
    }  
}  
  
private void route_cmbActionPerformed(java.awt.event.ActionEvent evt) {  
    if(fl)  
    try {  
        p=con.prepareStatement("select distinct ret_code from current_supply where route_no=?  
and z_code=?");  
        p.setString(1,route_cmb.getSelectedItem().toString());  
        p.setString(2,s);  
        rs=p.executeQuery();  
        DefaultTableModel model=(DefaultTableModel)tab1.getModel();  
        model.setRowCount(0);  
    }  
}
```



```
byte i;

for(i=0;rs.next();i++){
    model.addRow(new Object[]{"","","","","",""});
    model.setValueAt(rs.getString(1),i,0);
    p=con.prepareStatement("select prd_name,sum(prd_qty) from current_supply where
ret_code=? and z_code=? and route_no=? group by prd_name");
    p.setString(1,rs.getString(1));
    s1=route_cmb.getSelectedItem().toString();
    p.setString(2,s);
    p.setString(3,route_cmb.getSelectedItem().toString());
    rs1=p.executeQuery();
    int a=0,b=0,c=0,cart=0; byte k;
    while(rs1.next()){
        String s=rs1.getString(1);
        for(k=0;k<s.length();k++)
            if(s.charAt(k)=='_')
                break;
        switch(Integer.parseInt(s.substring(k+1,s.length())))
        {
            case 200: a=a+rs1.getInt(2); break;
            case 500: b=b+rs1.getInt(2); break;
            case 1000: c=c+rs1.getInt(2);
        }
    }
    cart=cart+a/50;
    if(a%50>0)
        cart=cart+1;
    cart=cart+b/20;
```



```
if(b%20>0)
    cart=cart+1;
    cart=cart+c/10;
    if(c%10>0)
        cart=cart+1;
    model.setValueAt(cart,i,1);
    if(i==14){
        print();
        model.setRowCount(0);
        i=-1;
    }
}
if(i>0){

    int r=JOptionPane.showConfirmDialog(null,"Do You want to print ?","Print
confirmation",JOptionPane.YES_NO_OPTION);

    if(r==0){
        print();
        route_cmb.removeItem(route_cmb.getSelectedItem());
        if(route_cmb.getItemCount()==0){
            flag=false;
            zcode_cmb.removeItem(zcode_cmb.getSelectedItem());
        }
        flag=true;
    }
}
} catch (SQLException ex) {
    Logger.getLogger(Crate_View.class.getName()).log(Level.SEVERE, null, ex);
}
```



```
}

private void formWindowClosed(java.awt.event.WindowEvent evt) {

    try {

        p=con.prepareStatement("update temp set b=?");

        if(zcode_cmb.getItemCount()==0&&route_cmb.getItemCount()==0)

            p.setInt(1,1);

        else

            p.setInt(1,0);

        p.executeUpdate();

        System.out.println("gfdcgh");

    } catch (SQLException ex) {

        Logger.getLogger(GatePass_Manual.class.getName()).log(Level.SEVERE, null, ex);

    }

}

public void print(){

    PrinterJob pjob = PrinterJob.getPrinterJob();

    PageFormat preformat = pjob.defaultPage();

    preformat.setOrientation(PageFormat.LANDSCAPE);

    PageFormat postformat = pjob.pageDialog(preformat);

    //If user does not hit cancel then print.

    if (preformat != postformat) {

        //Set print component

        pjob.setPrintable(new Printer(this), postformat);

        if (pjob.printDialog()) {

            try {

                pjob.print();

            } catch (PrinterException ex) {

            }

        }

    }

}
```



```
    }  
}  
  
}  
  
public static class Printer implements Printable {  
    final Component comp;  
  
    public Printer(Component comp){  
        this.comp = comp;  
    }  
  
    @Override  
  
    public int print(Graphics g, PageFormat format, int page_index)  
        throws PrinterException {  
        if (page_index > 0) {  
            return Printable.NO_SUCH_PAGE;  
        }  
  
        // get the bounds of the component  
        Dimension dim = comp.getSize();  
        double cHeight = dim.getHeight();  
        double cWidth = dim.getWidth();  
  
        // get the bounds of the printable area  
        double pHeight = format.getImageableHeight();  
        double pWidth = format.getImageableWidth();  
        double pXStart = format.getImageableX();  
        double pYStart = format.getImageableY();  
        double xRatio = pWidth / cWidth;  
        double yRatio = pHeight / cHeight;  
  
        Graphics2D g2 = (Graphics2D) g;  
        g2.translate(pXStart, pYStart);  
        g2.scale(xRatio, yRatio);
```



```
comp.paint(g2);

    return Printable.PAGE_EXISTS;

}

// Variables declaration - do not modify

private javax.swing.JTextField date_tf;
private javax.swing.JLabel image1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JComboBox<String> route_cmb;
private javax.swing.JTextField shift_tf;
private javax.swing.JTable tab1;
private javax.swing.JComboBox<String> zcode_cmb;
// End of variables declaration
}
```

PROJECT MAINTAINANCE

After implementing the **Software** successfully, it should be maintained in a proper manner.

An integral part of software is its maintenance, which requires an accurate maintenance plan to be prepared during the software development. It should specify how users will request modifications or report problems during implementing the software.



The implementation process contains software preparation and transition activities, such as the conception and creation of the maintenance plan; the preparation for handling problems identified during development; and the follow-up on product configuration management.

Software maintenance is a very broad activity that includes error correction, enhancements of capabilities, deletion of obsolete capabilities, and optimization. Because change is inevitable, mechanisms must be developed for evaluation, controlling and making modifications in the project.



LIMITATIONS

Many of our software components are designed in such a way that they can be used in both **Windows** forms and **Desktop**. However, you may not be able to readily substitute a desktop application with a Web-based one. **Limitations** are imposed by



Web application model works rather than something to do with our products. On the server side, Web applications can do just about anything you may want them to do. They can read and write files, send e-mail, print files, just like regular desktop applications. On the client side, Web pages run under a lot of restrictions. They cannot read files - leave alone writing to files.

In our Project, It is just “ A Desktop Application Software”.

- Our software is designed in designed window form i.e. desktop form that can be run on the desktop only. It is referred as Desktop Based Software.
- We may not be able to substitute a desktop application with a web based application.
- Skilled man power is required for the development of the project.

FUTURE SCOPE

After the development of any project, there is some future scope for modification. In future this software proves to be user-friendly for the users of the PDP. This project proves to be very helpful to the simple users as well as end users of the PDP to apply any changes such as searching, updation of the records of the people.

There is also a lot of scope for future application of this project. In future if the management open some more cooperative organization in different region of the country, the same software with a little change can be used. In future if the management decides to put all information on the web the same table structure can be used to display information on web, only a website is needed to be created.

In the prepare system we make the project in modular wise. So if the organization take some changes in any parts of the DCS maintenance, DCS record system or related with this, this change will be easily implement on the software without rebuild the whole system.



In future if the whole DUGGDH UTPADAK wants to update the total number of DCS, their Address, Name, etc.. then they can easily update the system by the little changing in the prepare software.

- ❖ This project is designed to be used at the PDP at Patna. In future it may require to be connected with all the offices in other part of the state.
- ❖ In future it may be converted into web based application.

CONCLUSION

Working on the project "LIQUID MILKMANAGEMENT SYSTEM" was a great learning experience. It helped me giving technical as well as interpersonal skills and I can definitely say that this period will always act as a stepping stone in my career as software professional.

This types of project help us a lot to enhance in coding, designing the interfaces, how to operate databases and much more. Moreover, the concept of using Java front end language & oracle (SQL) back end language in this project is a great experience to me.

This types of project also help to associate simple users. Also it is user-friendly so that almost every end users can operate this software smoothly. This also helps to eliminate paper-based system in which there is a possibility to loss of information



regarding the users. Moreover, this type of paper-based system occupy more spaces to maintain different types of files. So due to this type of drawbacks there should be such types of digitalized software exist. Hence this software is all about to remove such types of problems.

This software is user-friendly i.e all interfaces or dialog windows in this software is quite catchy. This project is so eye-catching so that every user can understand it easily. This helps to overcome the drawbacks of existing system so that all the employees can run this smoothly and can submit any details or modify any changes like search, update, or can generate invoice.

It had a great learning experience for our team. It helped me to gain a technical as well as corporate world of organization.

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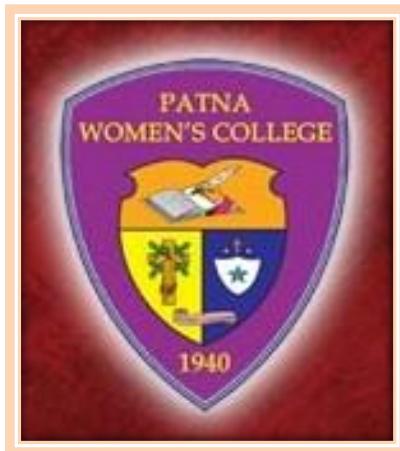
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Sudha



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