SUN Grocery Database and Management System

CT024-3-3-DCOMS

Distributed Computer Systems

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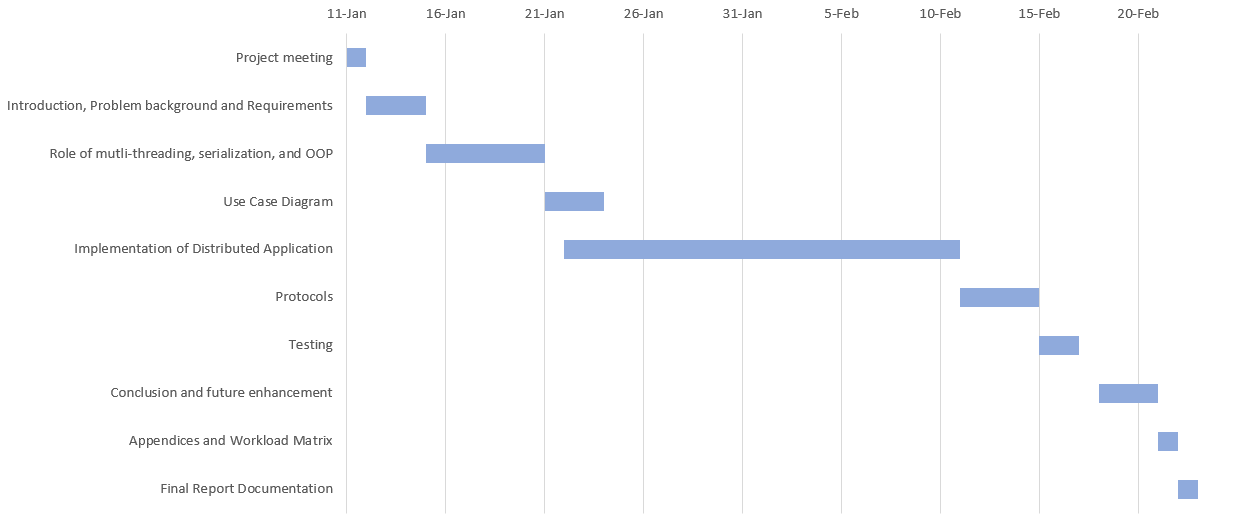
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# Gantt Chart



# Abstract

This documentation paper is a discussion of a solution to a given scenario of the fictional famous SUN grocery store that is located in Sarawak, Malaysia. This grocery store is stated to have a manual system which records their sales, stock as well as their grocery items. The solution will be a distributed software system, which is documented in this paper ,that will replace the manual system.

This paper will also contain the problem background of the SUN grocery store and the requirements of the new system for the software developer. It will have a section dedicated on discussing distributed systems through research as well as the evaluation of the different types of distributed systems. The analysis of the role of multi-threading, serialization and Object Oriented Programming (OOP) in order to solve problems in distributed systems can be found in this documentation. The protocol, testing and implementation of the solution is documented to review how well the solution does for this project.

# Introduction

Inventory control is a vital aspect when maintaining a business. It permits the business owner to monitor their stock, subsequently deciding the number of sales made and measure of the stock present which helps in making important business choices. Sun Grocery is a famous grocery store situated in Sarawak, Malaysia. The store does its Inventory control manually. To take the business to the level Sun Grocery has opted to build an application for stock control among other features. The framework should have a client-side, server-side and other than stock control ought to take into account the enrollment of the sales executives. The system will be developed using Java and should be an RMI application. This report highlights important aspects of the application and its development alongside other information relevant to the system.

# Problem Background

SUN grocery store in Sarawak Malaysia is currently using a manual system which records all the grocery items, sales, and stock etc. The manual system of recording items can be quick and easy when a business is small and new, but for SUN grocery store that is one of the famous grocery stores in Sarawak it is expected to have a large number of items that are required to be recorded and documented on daily basis, and a manual system for such a busy business is inefficient with many disadvantages.

Some of the problems SUN grocery store will have to deal with while using manual system recording: (Bowers, 2017)

* Records of grocery items, sales, and stock etc. will require a lot of space to be stored at.
* Searching for a specific record will be very time consuming.
* Changes or updates to records will be hard.
* Easily Exposed to damage or theft.
* Time consuming.
* Higher costs.

# Requirements

For The application certain features are mandatory to be developed for the project to be successful. The following features include:

* Functional Databases. The system should have a database recording the stock of each item, record the changes in stock over time, and the users that can use the system.
* Separated Server and Client. The system should have a server application that receives requests from any number of client systems. This means multiple clients can interact with the server application at the same time.
* Multiple user types. The system needs at least 2 user types, an admin who can have control over a majority of the items

# Research and Evaluation

## Recommendation of cloud computing / virtualization

Cloud computing is the on-demand delivery of computing services such as compute power, database storage, applications, and other IT resources all online through a web browser. (AWS, 2021) All the services in the cloud can be accessed instantly at any time and paid for only when used.

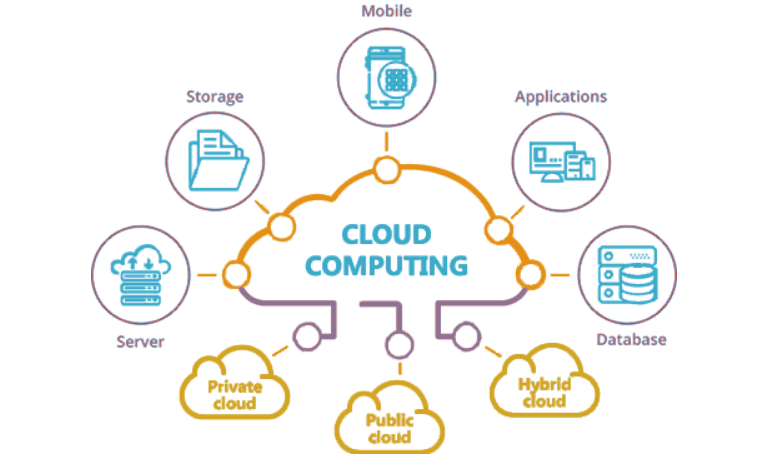


Figure 4.1 Cloud Computing (Networkencyclopedia, 2021)

It is recommended for SUN grocery to use cloud computing as the technology is getting more popular and easier to access, up to 69% of businesses are already using the cloud computing technology for data storage and other services according to a study by the International Data Group. (Salesforce, 2021) Cost savings is one of the important advantages cloud computing offers to a business, since SUN grocery is one of the famous grocery stores in Sarawak, a lot of data regarding the groceries stored and sold will be generated which means SUN grocery will end up needing a data center as a storage for their data, this will be very expensive for the business in the long term and many things need to be considered beforehand such as how much storage is required, what hardware to purchase, where to deploy the data center, etc.

Therefore, it is recommended to use cloud computing for different reasons:

* Cloud computing is pay on demand meaning no expensive hardware needs to be purchased by the business.
* Prices of using the cloud are low due to its large scale.
* No need of guessing the capacity of storage needed because more storage can be added for use instantly when on cloud.
* No need of spending money on maintaining and running the data centers, all done by the service provider.
* Globally deploy and launch the servers in minutes.
* Connect to the servers instantly from anywhere since the cloud is global.

## Recommendation of blockchain technology

Blockchain technology is a secure method of storing data by distributing the entire record of the changes in the data to everyone involved in the system. This technology does not have a centralized server that stores all of the information, rather it will upload any updates the record has to everyone with certain conditions. The technology is called blockchain because each new record in the list is called a block. Each block consists of the data that it wants to update, the hash value of that data (an encrypted version of the data using an algorithm that cannot be decrypted), and the previous block’s hash value. Because of this process, it becomes very difficult to make any changes in the blockchain list. A change in the record must be validated by everyone involved in the system, hence any attempt at attacking the system would not be validated by the entire system unless the majority of members can validate the result properly. This system is the complete opposite of a client-server based system where there is a centralized place where data is stored and processed while each client will send their own requests to update that information.

For our system, blockchain can become a very intriguing recommendation as it is a highly secure method of keeping track of records in the system. However, it is not always a good idea to implement blockchain to everything. According to Van Rijmenam (2019), blockchain technology is better used by multiple parties that have a contracted agreement for a secure system of transaction. Having an isolated system within 1 party does not make blockchain useful. Additionally, with SUN Grocer’s system, the system could process many transactions per minute and even each second. Blockchain is made to only add new blocks once every few minutes. This could hinder the efficiency of the system and cause it to slow down instead of making it more effective.

# Role of Multithreading in Distributed Systems

Multithreading is the concept of having a single application or process run multiple smaller sections of the process simultaneously. When an application is being run, it gets reserved a certain amount of space in memory (RAM). In an application, multiple smaller functions will run to achieve the final product of the process. Sometimes an application can run and only do something when called to do so. In a single threaded system, when an application runs its functions, it will wait for that first function to finish to start working on a different task. This can be inefficient in a client-server system where multiple clients can call for the same application in the server. Thus multithreading is made. In a multithreaded system, small requests from the application's functions are handled as threads (small units of operation in the computer). When multiple calls for a function are done, the system will process the request as a thread within the same memory address of the application, rather than opening a new application instance and creating a new memory address to handle the other input. When this is done, an algorithm separates the sequencing of events so it does not conflict with each other. This sequencing algorithm is more efficient than creating a new instance of a process.

In distributed systems, this concept is necessary in an infrastructure where many client devices need to access the program at the same time. An example of this is a web server. A web server works based on a distributed system where it has a main server with many clients. Multiple clients may request for the same instructions to the server at the same time. The server could create multiple instances of the program which uses up a lot of memory space or queue requests which causes large delays between client and server updates. Using multithreading the process can be done within the same memory space and use resources effectively.

# Role of Serialization in Distributed Systems.

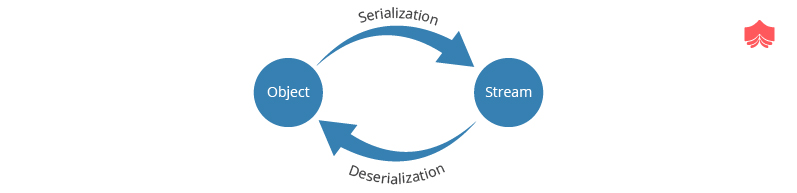


Figure 6.1 Serialization and Deserialization concept (Knowledgehut.com. 2020)

Serialization is the process of transforming a set of data into a format that can be saved or transferred over the network (Domingus, 2019). By contrast, Deserialization is the inverse process of serialization, by transforming the serialized format back into the original data format as seen in *Figure 6.1*. The transformed data formats from serialization can result in JavaScript Object Notation (JSON), Extensible Markup Language(XML), and YAML Ain't Markup Language (YAML) to name a few. Serialization can also be seen as a process that can store an object’s state into a sequence of 1s and 0s, and when the object is needed again, it can be restored back into the original object again (Eaganathan, 2021). In a distributed system, these processes are used to help transfer data that is sent from a part of the system to another part, by transforming it into a format that can be transmitted through the network.

Serializing an object that has methods will not save the method, not the static information of the object, but only saves the class name as well as the data in the object (Eaganathan, 2021). In the Java programming language, not all object types can be serialized, as only classes that implement *Serializable* can only be serialized.

There are several advantages to using serialization in a distributed system. By using serialization, this process can increase the process speed of the distributed system by reducing the file size of data that is transferred between parts of the system. This will help in communication time between a client and its server in an application. Serialization can also allow a developer of a distributed system to create a variable that can later be used on another part of the system without a problem.

# Role of Object-Oriented Programming in Distributed Systems.

Object oriented programming is an approach to developing programs to be more organized. In traditional procedural programming, every function and variable within the program is stored within the same file. This causes many problems when small adjustments are made. Object oriented programming aims to solve this issue by separating a single program into smaller related components called objects. An object consists of properties (variables that interact with the object) and methods (functions the object uses). There are 4 principles of Object oriented programming.

The first is encapsulation. Encapsulation is the process of keeping properties of an object only available inside the object. This means to have control over how properties are managed using public methods. This means interactions with the object are limited to only its methods. This concept lets an object be reusable more than once.

The second concept in Object oriented programming is Abstraction. Abstraction hides complex parts of a program away from other parts of itself. It makes interacting with objects simple as it hides unneeded properties, and reduces the impact of change as it stays within the object.

The third concept is inheritance. In object oriented programming, multiple objects may have similar methods and properties. Inheritance in Object oriented programming lets objects inherit the properties and method of another object. This allows the reusability of code without having new code typed in multiple times.

The last concept is Polymorphism. Polymorphism means to have many forms. In object oriented programming, inherited methods are not strictly bound to do the same thing. The same method defined for many object classes can do different things.

In Distributed Systems Object oriented programming is necessary as the programs run for distributed systems make use of object oriented concepts. Because of encapsulation, multiple instances of the same object can run at the same time. Because of polymorphism, it becomes simple to interact between client and server applications with similar method names even though under the surface it does different things in the 2 parties.

# Implementation of Distributed Application

## System Coding Implementation

To understand the implementations of distributed systems in the program, it can be described rom the structure of each class object. Upon declaration of the class, it implements an interface object of its section. For instance, the admin class implements the admin Interface shown in *Figure 8.1*. Because it implements the interface, it must declare and define all he methods for this section.

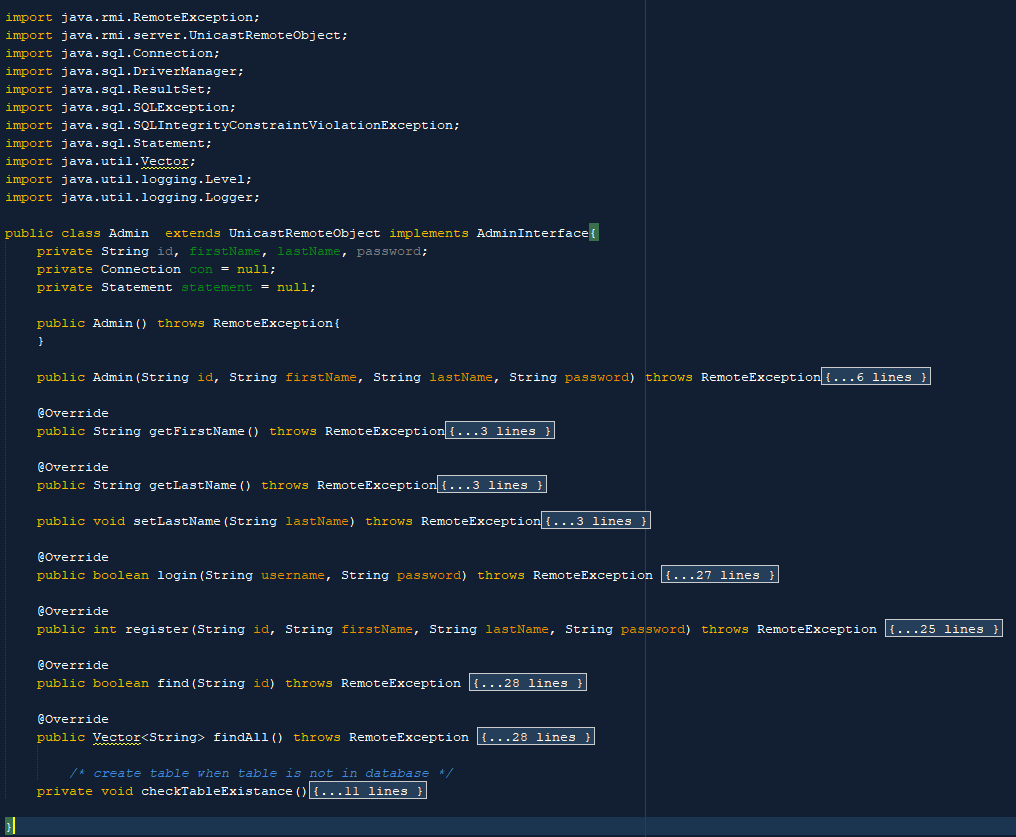


Figure 8.1 Admin Class

The Interface is made so any object implementing it will require to import the RMI library as well. This interface is used for both the server application and client application. An example of this interface can be seen in *Figure 8.2*.

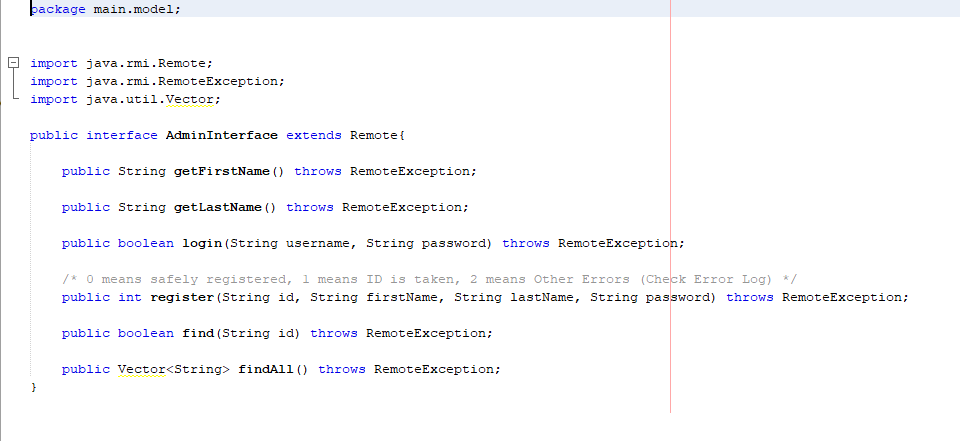


Figure 8.2 Admin Interface

The application becomes a server application with another module called RunServer. In this module, it defines which keywords are used to reference which class. This is done for the client application to easily reference and initiate the modules on the server side.

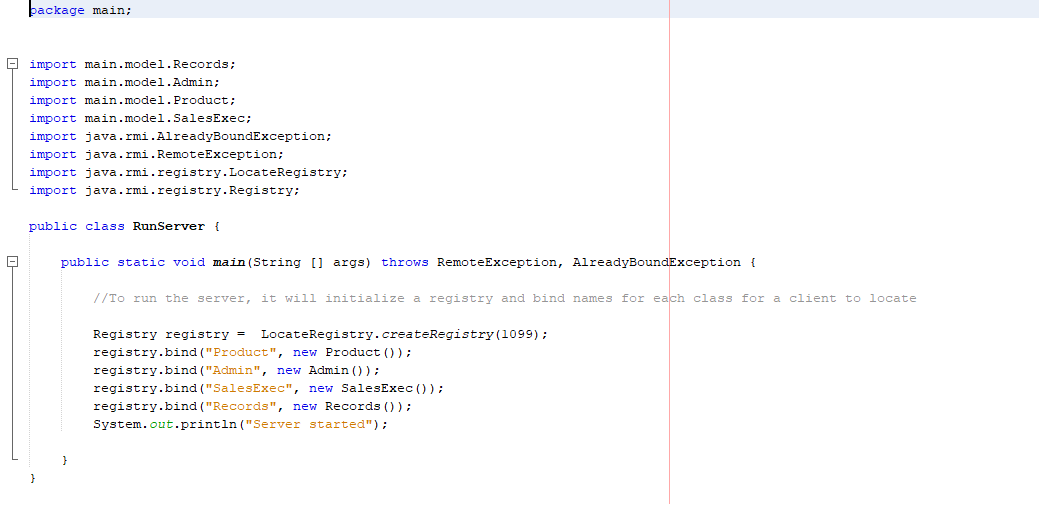


Figure 8.3 RunServer Class

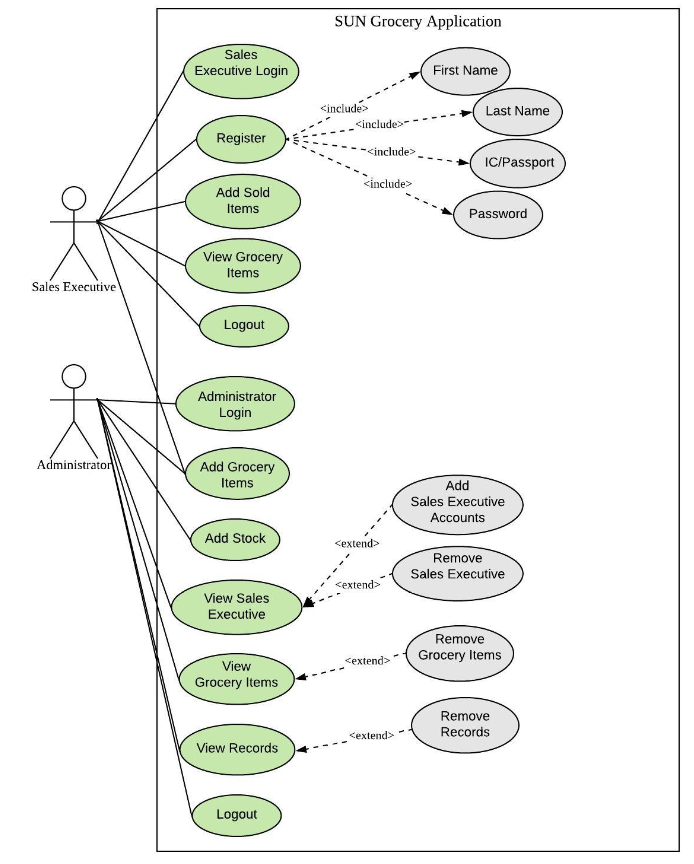
On the client application, the interface is referenced differently because each page in the application does not require to define what every method does, it just sends the method name along with any parameters to the server for it to process. From the image below it can be seen that the location of the interface needs to be added in the import to define it in the class.

When a client application calls for a request to the server by referencing the keyword bind to it, a new instance of the object is created within the memory space of the server. This allows multiple instances of the client to interact with the server at the same time.



Figure 8.4 Admin Login Form Page Coding

## Use Case Diagram

Figure 8.1 Sun Grocery System Use Case Diagram

# Protocol

According to the study of computer science, a protocol is a set of rules or procedures that is used for transmitting data between 2 computers (Hosch et al., 2018). For information to be shared between any 2 systems/computers, there must be an agreement of the information structure that both systems have in order to send as well as receive data from each other. Computers communicating without protocols will lead to numerous inconsistent formats/structures. The inconsistent format/structure can confuse a computer as it may expect a type of data package, but received a different type. Nowadays, there are numerous popular protocols that are used in different situations, such as the famous internet protocol’s TCP and UDP. Protocols are commonly used in distributed systems for standardizing a data format or structure to send and receive data across its systems.

TCP is a connection-oriented protocol which computers use to communicate with one another through the internet (Doyle, 2018). The most common and well-known use is in the TCP/IP network. This protocol checks for errors and will guarantee that the data transferred over will be delivered, as well as sending data to the receiving computer in the original order that it was sent.

UDP is a protocol that works similarly to TCP, but it is a connectionless protocol that does not check for errors, thus it will not recover any loss data over the transfer (Doyle, 2018). The protocol will keep on sending the data packets to its destination, without confirming if the data was received in the other end.

Both are commonly used in the real world, but each protocol will have its own merits and downsides depending on the situation. One of these situations is when the data needs to be transferred without fail. In this case, TCP will be used. If Speed is the most important factor of choosing a protocol, UDP will be chosen as it is faster by not doing any error-checking and recovery service.

Examples of use cases of these protocols can be seen in daily internet use of an average person. TCP can be seen being used in email services, file transfers in File Transfer Protocol (FTP), and inside the world wide web such as HTTPS (Doyle, 2018). UDP is commonly used in streaming videos, live broadcasts, online games, Virtual Personal Network (VPN) tunnelling, and Domain Name System (DNS) (Doyle, 2018).

# System Testing

The testing used was functional testing. Functional testing is a kind of testing that validates the system made against the practical requirements. The purpose is to test each function of the system, by giving input, confirming the output against the practical requirements.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test ID** | **Function** | **Description** | **Expected Result** | **Result** | **Status** | **Priority** |
| TSYS-1 | Administrator login | Function to login admin by checking whether information input is the same as in database | Administrator is redirected to the admin profile. If credentials are wrong, a window pops up to state that credentials are wrong. | Test successful –Result as expected | Done | HIGH |
| TSYS-2 | Administrator add item | Function for the admin to insert a product into the system database. | If a product is successfully added it redirects to a page where the admin can view all the items. If the product is not added a message is displayed stating that. | Test successful –Result as expected | Done | HIGH |
| TSYS-3 | Administrator remove item | Function for the admin to remove a product from the system database. | If a product is successfully removed it redirects to a page where the admin can view all the items. If the product is not added a message is displayed stating that the product cannot be removed. | Test successful –Result as expected | Done | HIGH |
| TSYS-4 | Administrator add Stock | Function for the admin to add the stock of a product. | if a product stock is successfully added it redirects to a page where the admin can view all the items. If the product stock is not added a message is displayed stating that the product cannot be added. | Test successful –Result as expected | Done | HIGH |
| TSYS-5 | Administrator view executives | Function for the admin to view the sales executives registered in the system database. | If successful a table of the sales executives is displayed. | Test successful –Result as expected | Done | MEDIUM |
| TSYS-6 | Administrator remove executives | Function for the admin to remove a sales executive registered in the system database. | If an executive is successfully removed the admin is able to view an updated table of the new executives list. | Test successful –Result as expected | Done | HIGH |
| TSYS-7 | Administrator view records | Function for the admin to view records of sales and added stock in the system database. | If successful a table of the sales  and stock records is displayed. | Test successful –Result as expected | Done | MEDIUM |
| TSYS-8 | Administrator remove records | Function for the admin to remove a record of a sale or an added stock from the system database. | If a record is successfully removed the admin is able to view an updated table of the new record list. | Test successful –Result as expected | Done | HIGH |
| TSYS-9 | Sales executive view items | Function for sales executives to view items added by admins | If successful a table of the items in the database is displayed. | Test successful –Result as expected | Done | MEDIUM |
| TSYS-10 | Sales executive add sale | Function for sales executives to add a sale from one of the items in the database and add a record of the sale | A sale is added to the records and stock is reduced based on quantity of sale. | Test successful –Result as expected | Done | HIGH |
| TSYS-11 | Sales executive register | Function for new sale executives to register | A sales executive is added to the database. | Test Successful –Result as expected | Done | HIGH |
| TSYS-12 | Admin add sales executive | Function for administrators to add sale executives | A sales executive is added to the database. | Test Successful –Result as expected | Done | MEDIUM |
| TSYS-13 | Sales executive login | Function for sales executives to login | Sales executive is redirected  to the sales profile. If credentials are wrong, a window pops up to state that credentials are wrong. | Test Successful –Result as expected | Done | HIGH |
| TTSYS-14 | Run server | Function to start the server. | Success: console output Server started.  Fail: no output in console. | Test Successful –Result as expected | Done | HIGH |

*Table 10.1 Sun Grocery System Unit Testing*

# Conclusion

This report covers the documentation of the automating of the Sun grocery system. The client-server-based application was developed using RMI technology and functionality testing was used to ensure that the client's requirements were met with proper error handling. Recommendations of the technology that can be used have also been put into writing after proper research was conducted.

# Future Enhancement

In the future some features that would be added to the system are:

1. Sale Insights: The system should be able to produce sales and stock insights for specific days, months and year.
2. Enhanced security: The passwords in the system are stored in plain text in the future, the system should store password hashes instead. To make the system more secure
3. Inventory alerts: The system should alert the administrators when the stock for specific items go below a certain set threshold.
4. Barcode integration: The administrators should be able to add items and stock using barcodes hence making the process even faster. Likewise, the sales executives should also be able to make sales using barcodes.
5. Smart Inventory monitoring: The system should be able to make alerts for specific items based on the insights. For example, if averagely eggs sell at a bigger capacity than milk, then the system should be able to make an inventory alert at a higher threshold than it would for milk to prevent a scenario where a popular product is not available whilst preventing the expiry of non-popular items.

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# Appendices

## Workload Matrix

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | Joshua Ryan  (TP049224) | Mzaza Keith Mwonga  (TP050130) | Matthew Axell  (TP049057) | Nawras Bahaeddin O Alzibdeh  (TP053013) |
| **System Client Side** | 10 % | 40% | 10 % | 40% |
| **System Server Side** | 40% | 10 % | 40% | 10 % |
| **Documentation and Research** | 25% | 25% | 25% | 25% |

## Code

### Server

#### Runserver.java

package main;

import main.model.Records;

import main.model.Admin;

import main.model.Product;

import main.model.SalesExec;

import java.rmi.AlreadyBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

public class RunServer {

public static void main(String [] args) throws RemoteException, AlreadyBoundException {

//To run the server, it will initialize a registry and bind names for each class for a client to locate

Registry registry = LocateRegistry.createRegistry(1099);

registry.bind("Product", new Product());

registry.bind("Admin", new Admin());

registry.bind("SalesExec", new SalesExec());

registry.bind("Records", new Records());

System.out.println("Server started");

}

}

#### Admin.java

package main.model;

import java.rmi.RemoteException;

import java.rmi.server.UnicastRemoteObject;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.SQLIntegrityConstraintViolationException;

import java.sql.Statement;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.RunServer;

public class Admin implements AdminInterface{

private String id, firstName, lastName, password;

private Connection con = null;

private Statement statement = null;

public Admin() throws RemoteException {

UnicastRemoteObject.exportObject(this,0);

}

@Override

public String getFirstName() throws RemoteException{

return firstName;

}

@Override

public String getLastName() throws RemoteException{

return lastName;

}

public void setLastName(String lastName) throws RemoteException{

this.lastName = lastName;

}

@Override

public boolean login(String username, String password) throws RemoteException {

boolean foundUser = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, Password, FirstName, LastName FROM Administrator";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempUserName = rs.getString("ID");

String tempPassWord = rs.getString("Password");

if(tempUserName.equalsIgnoreCase(username) && tempPassWord.equals(password)){

foundUser = true;

this.firstName = rs.getString("FirstName");

this.lastName = rs.getString("LastName");

break;

}

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return foundUser;

}

@Override

public int register(String id, String firstName, String lastName, String password) throws RemoteException {

int indicator;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "INSERT INTO Administrator VALUES "

+ "('" + id + "',"

+ " '" + password + "', "

+ " '" + firstName + "', "

+ " '" + lastName + "')";

statement.executeUpdate(sql);

indicator = 0;

}catch(SQLIntegrityConstraintViolationException e){

indicator = 1; // indicates ID is taken

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

indicator = 2; // indicates other errors

}finally{

try{con.close();}

catch(SQLException ex){}

}

return indicator;

}

@Override

public boolean find(String id) throws RemoteException {

boolean foundUser = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, Password, FirstName, LastName FROM Administrator";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempUserName = rs.getString("ID");

if(tempUserName.equalsIgnoreCase(id)){

foundUser = true;

this.id = tempUserName;

this.password = rs.getString("Password");

this.firstName = rs.getString("FirstName");

this.lastName = rs.getString("LastName");

break;

}

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(Exception ex){}

}

return foundUser;

}

@Override

public Vector<String> findAll() throws RemoteException {

Vector<String> AdminList = new Vector<>();

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, Password, FirstName, LastName FROM Administrator";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempID = rs.getString("ID");

//String tempPassword = rs.getString("Password");

String tempFirstName = rs.getString("FirstName");

String tempLastName = rs.getString("LastName");

AdminList.add(tempID);

//salesExecList.add(tempPassword);

AdminList.add(tempFirstName);

AdminList.add(tempLastName);

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return AdminList;

}

/\* create table when table is not in database \*/

private void checkTableExistance(){

try{

String sql = "CREATE TABLE Administrator "

+ "(ID VARCHAR(255) not NULL, "

+ " Password VARCHAR(255), "

+ " FirstName VARCHAR(255), "

+ " LastName VARCHAR(255), "

+ " PRIMARY KEY ( id ))";

statement.executeUpdate(sql);

}catch (SQLException e){}

}

}

#### AdminInterface.java

package main.model;

import java.rmi.Remote;

import java.rmi.RemoteException;

import java.util.Vector;

public interface AdminInterface extends Remote{

public String getFirstName() throws RemoteException;

public String getLastName() throws RemoteException;

public boolean login(String username, String password) throws RemoteException;

/\* 0 means safely registered, 1 means ID is taken, 2 means Other Errors (Check Error Log) \*/

public int register(String id, String firstName, String lastName, String password) throws RemoteException;

public boolean find(String id) throws RemoteException;

public Vector<String> findAll() throws RemoteException;

}

#### Product.java

package main.model;

import java.rmi.RemoteException;

import java.rmi.server.UnicastRemoteObject;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.SQLIntegrityConstraintViolationException;

import java.sql.Statement;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.RunServer;

public class Product extends UnicastRemoteObject implements ProductInterface{

private String name, category;

private int stock;

private double price;

private Connection con = null;

private Statement statement = null;

public Product() throws RemoteException{

}

@Override

public int getStock() throws RemoteException{

return stock;

}

@Override

public double getPrice() throws RemoteException{

return price;

}

@Override

public String getName() throws RemoteException {

return name;

}

@Override

public String getCategory() throws RemoteException {

return category;

}

@Override

public int register(String name, String category, int stock, double price) throws RemoteException {

int indicator;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "INSERT INTO Product VALUES "

+ "('" + name + "',"

+ " '" + category + "', "

+ " " + String.valueOf(stock) + ", "

+ " " + String.valueOf(price) + ")";

statement.executeUpdate(sql);

indicator = 0;

}catch(SQLIntegrityConstraintViolationException e){

indicator = 1; // indicates Name is taken

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

indicator = 2; // indicates other errors

}finally{

try{con.close();}

catch(Exception ex){}

}

return indicator;

}

@Override

public boolean remove(String name) throws RemoteException{

boolean successFlag = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "DELETE FROM Product WHERE Name = '" + name + "'";

statement.executeUpdate(sql);

sql = "DELETE FROM Records WHERE ProductName = '" + name + "'";

statement.executeUpdate(sql);

successFlag = true;

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

successFlag = false;

}finally{

try{con.close();}

catch(SQLException ex){}

}

return successFlag;

}

@Override

public boolean find(String name) throws RemoteException {

boolean foundProduct = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select Name, Category, Stock, Price FROM Product";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempName = rs.getString("Name");

if(tempName.equalsIgnoreCase(name)){

foundProduct = true;

this.name = tempName;

this.category = rs.getString("Category");

this.stock = rs.getInt("Stock");

this.price = rs.getDouble("Price");

break;

}

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(Exception ex){}

}

return foundProduct;

}

@Override

public Vector<String> findAll() throws RemoteException {

Vector<String> productList = new Vector<>();

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select Name, Category, Stock, Price FROM Product";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempName = rs.getString("Name");

String tempCategory = rs.getString("Category");

int tempStock = rs.getInt("Stock");

double tempPrice = rs.getDouble("Price");

productList.add(tempName);

productList.add(tempCategory);

productList.add(String.valueOf(tempStock));

productList.add(String.valueOf(tempPrice));

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return productList;

}

/\* create table when table is not in database \*/

private void checkTableExistance(){

try{

String sql = "CREATE TABLE Product "

+ "(Name VARCHAR(255) not NULL, "

+ " Category VARCHAR(255), "

+ " Stock INT, "

+ " Price DOUBLE, "

+ " PRIMARY KEY ( Name ))";

statement.executeUpdate(sql);

}catch (SQLException e){}

}

public void setStock(int quantity){

this.stock = this.stock + quantity;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "UPDATE Product SET Stock = " + String.valueOf(this.stock) + " WHERE Name = '" + this.name + "'";

statement.executeUpdate(sql);

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

}

}

#### ProductInterafce.java

package main.model;

import java.rmi.Remote;

import java.rmi.RemoteException;

import java.util.Vector;

public interface ProductInterface extends Remote{

public String getName() throws RemoteException;

public int getStock() throws RemoteException;

public double getPrice() throws RemoteException;

public String getCategory() throws RemoteException;

/\* 0 means safely registered, 1 means Name is taken, 2 means Other Errors (Check Error Log) \*/

public int register(String name, String category, int stock, double price) throws RemoteException;

public boolean remove(String name) throws RemoteException;

public boolean find(String name) throws RemoteException;

public Vector<String> findAll() throws RemoteException;

}

#### Records.java

package main.model;

import java.rmi.RemoteException;

import java.rmi.server.UnicastRemoteObject;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Objects;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import jdk.nashorn.internal.ir.Assignment;

import main.model.Product;

import main.model.RecordsInterface;

public class Records extends UnicastRemoteObject implements RecordsInterface{

private Long id;

private String productName, type, userID;

private int quantity;

private Connection con = null;

private Statement statement = null;

public Records() throws RemoteException{

}

@Override

public String getProductName() throws RemoteException{

return productName;

}

@Override

public String getType() throws RemoteException{

return type;

}

@Override

public int getQuantity() throws RemoteException{

return quantity;

}

@Override

public boolean recordSales(String productName, int quantity, String userID) throws RemoteException {

this.type = "sales";

boolean successFlag = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/sunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "INSERT INTO Records(ProductName, Type, Quantity, UserID) VALUES "

+ "('" + productName + "',"

+ " '" + this.type + "', "

+ " " + String.valueOf(quantity) + ", "

+ " '" + userID + "')";

Product tempProduct = new Product();

tempProduct.find(productName);

if(tempProduct.getStock() - quantity >= 0){

tempProduct.setStock(quantity \* -1);

statement.executeUpdate(sql);

successFlag = true;

}else{

successFlag = false;

System.out.println("Sales exceeded Stock");

}

}catch(SQLException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

successFlag = false; // indicates other errors

}finally{

try{con.close();}

catch(SQLException ex){}

}

return successFlag;

}

@Override

public boolean recordRestock(String productName, int quantity, String userID) throws RemoteException{

this.type = "restock";

boolean successFlag = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/sample", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "INSERT INTO Records(ProductName, Type, Quantity, UserID) VALUES "

+ "('" + productName + "',"

+ " '" + this.type + "', "

+ " " + String.valueOf(quantity) + ", "

+ " '" + userID + "')";

Product tempProduct = new Product();

tempProduct.find(productName);

tempProduct.setStock(quantity);

statement.executeUpdate(sql);

successFlag = true;

}catch(SQLException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

successFlag = false; // indicates other errors

}finally{

try{con.close();}

catch(SQLException ex){}

}

return successFlag;

}

@Override

public boolean remove(Long id) throws RemoteException {

boolean successFlag = false;

find(id);

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/sample", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "DELETE FROM Records WHERE ID = " + id;

Product tempProduct = new Product();

tempProduct.find(this.productName);

if(this.type.equals("sales"))

tempProduct.setStock(this.quantity);

else if(this.type.equals("restock"))

tempProduct.setStock(this.quantity \* -1);

System.out.println(sql);

statement.executeUpdate(sql);

successFlag = true;

}catch(SQLException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

successFlag = false;

}catch(NullPointerException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

successFlag = false;

}finally{

try{con.close();}

catch(SQLException ex){}

}

return successFlag;

}

@Override

public boolean find(Long id) throws RemoteException {

boolean foundProduct = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/sample", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, ProductName, Type, Quantity, UserID FROM Records";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

Long tempID = rs.getLong("ID");

if(Objects.equals(tempID, id)){

foundProduct = true;

this.id = tempID;

this.productName = rs.getString("ProductName");

this.type = rs.getString("Type");

this.quantity = rs.getInt("Quantity");

this.userID = rs.getString("UserID");

break;

}

}

}catch(SQLException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return foundProduct;

}

@Override

public Vector<String> findAll() throws RemoteException {

Vector<String> recordList = new Vector<>();

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/sample", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, ProductName, Type, Quantity, UserID FROM Records";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

Long tempID = rs.getLong("ID");

String tempName = rs.getString("ProductName");

String tempType = rs.getString("Type");

int tempQuantity = rs.getInt("Quantity");

String tempUserID = rs.getString("UserID");

recordList.add(String.valueOf(tempID));

recordList.add(tempName);

recordList.add(tempType);

recordList.add(String.valueOf(tempQuantity));

recordList.add(tempUserID);

}

}catch(SQLException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return recordList;

}

@Override

public Vector<String> findAll\_User\_Record(String salesExecID) throws RemoteException{

Vector<String> recordList = new Vector<>();

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/sample", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, ProductName, Type, Quantity, UserID FROM Records";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

Long tempID = rs.getLong("ID");

String tempName = rs.getString("ProductName");

String tempType = rs.getString("Type");

int tempQuantity = rs.getInt("Quantity");

String tempUserID = rs.getString("UserID");

if(tempUserID.equalsIgnoreCase(salesExecID)){

recordList.add(String.valueOf(tempID));

recordList.add(tempName);

recordList.add(tempType);

recordList.add(String.valueOf(tempQuantity));

recordList.add(tempUserID);

}

}

}catch(SQLException e){

Logger.getLogger(Assignment.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return recordList;

}

/\* create table when table is not in database \*/

private void checkTableExistance(){

try{

String sql = "CREATE TABLE Records "

+ "(ID BIGINT not NULL GENERATED ALWAYS AS IDENTITY (START WITH 1, INCREMENT BY 1), "

+ " ProductName VARCHAR(255), "

+ " Type VARCHAR(255), "

+ " Quantity INT, "

+ " UserID VARCHAR(255), "

+ " PRIMARY KEY ( ID ))";

statement.executeUpdate(sql);

}catch (SQLException e){}

}

}

#### RecordsInterface.java

package main.model;

import java.rmi.Remote;

import java.rmi.RemoteException;

import java.util.Vector;

public interface RecordsInterface extends Remote{

//Each Object should have these attributes

//private Long id;

//private String productName, type, userID;

//private int quantity;

public String getProductName() throws RemoteException;

public String getType() throws RemoteException;

public int getQuantity() throws RemoteException;

public boolean recordSales(String productName, int quantity, String userID) throws RemoteException; //record sales for SalesExec

public boolean recordRestock(String productName, int quantity, String userID) throws RemoteException; //record quantity

public boolean remove(Long id) throws RemoteException; //Used by Admin to delete a record in a database. When a record is deleted, the table also gets updated

public boolean find(Long id) throws RemoteException; //find a whole item from its ID

public Vector<String> findAll() throws RemoteException; //ID is Long-Type Variable, Quantity is Int-Type Variable

public Vector<String> findAll\_User\_Record(String salesExecID) throws RemoteException; //ID is Long-Type Variable, Quantity is Int-Type Variable

}

#### SalesExec.java

package main.model;

import java.rmi.RemoteException;

import java.rmi.server.UnicastRemoteObject;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.SQLIntegrityConstraintViolationException;

import java.sql.Statement;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.RunServer;

public class SalesExec extends UnicastRemoteObject implements SalesExecInterface{

private String id, firstName, lastName, password;

private Connection con = null;

private Statement statement = null;

public SalesExec() throws RemoteException{}

@Override

public String getFirstName() throws RemoteException{

return firstName;

}

@Override

public String getLastName() throws RemoteException{

return lastName;

}

@Override

public boolean login(String username, String password) throws RemoteException {

boolean foundUser = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, Password, FirstName, LastName FROM SalesExecutive";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempUserName = rs.getString("ID");

String tempPassWord = rs.getString("Password");

if(tempUserName.equalsIgnoreCase(username) && tempPassWord.equals(password)){

foundUser = true;

this.firstName = rs.getString("FirstName");

this.lastName = rs.getString("LastName");

break;

}

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return foundUser;

}

@Override

public int register(String id, String firstName, String lastName, String password) throws RemoteException{

int indicator;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "INSERT INTO SalesExecutive VALUES "

+ "('" + id + "',"

+ " '" + password + "', "

+ " '" + firstName + "', "

+ " '" + lastName + "')";

statement.executeUpdate(sql);

indicator = 0;

}catch(SQLIntegrityConstraintViolationException e){

indicator = 1; // indicates ID is taken

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

indicator = 2; // indicates other errors

}finally{

try{con.close();}

catch(SQLException ex){}

}

return indicator;

}

@Override

public boolean remove(String id) throws RemoteException{

boolean successFlag = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "DELETE FROM SalesExecutive WHERE ID = '" + id + "'";

statement.executeUpdate(sql);

successFlag = true;

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

successFlag = false;

}finally{

try{con.close();}

catch(SQLException ex){}

}

return successFlag;

}

@Override

public boolean find(String id) throws RemoteException {

boolean foundUser = false;

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, Password, FirstName, LastName FROM SalesExecutive";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempUserName = rs.getString("ID");

if(tempUserName.equalsIgnoreCase(id)){

foundUser = true;

this.id = tempUserName;

this.password = rs.getString("Password");

this.firstName = rs.getString("FirstName");

this.lastName = rs.getString("LastName");

break;

}

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return foundUser;

}

@Override

public Vector<String> findAll() throws RemoteException {

Vector<String> salesExecList = new Vector<>();

try{

con = DriverManager.getConnection("jdbc:derby://localhost:1527/SunDB", "app", "app");

statement = con.createStatement();

checkTableExistance();

String sql = "Select ID, Password, FirstName, LastName FROM SalesExecutive";

ResultSet rs = statement.executeQuery(sql);

while(rs.next()){

String tempID = rs.getString("ID");

//String tempPassword = rs.getString("Password");

String tempFirstName = rs.getString("FirstName");

String tempLastName = rs.getString("LastName");

salesExecList.add(tempID);

//salesExecList.add(tempPassword);

salesExecList.add(tempFirstName);

salesExecList.add(tempLastName);

}

}catch(SQLException e){

Logger.getLogger(RunServer.class.getName()).log(Level.SEVERE, null, e);

}finally{

try{con.close();}

catch(SQLException ex){}

}

return salesExecList;

}

/\* create table when table is not in database \*/

private void checkTableExistance(){

try{

String sql = "CREATE TABLE SalesExecutive "

+ "(ID VARCHAR(255) not NULL, "

+ " Password VARCHAR(255), "

+ " FirstName VARCHAR(255), "

+ " LastName VARCHAR(255), "

+ " PRIMARY KEY ( id ))";

System.out.println(sql);

statement.executeUpdate(sql);

}catch (SQLException e){}

}

}

#### SalesExecInterface.java

package main.model;

import java.rmi.Remote;

import java.rmi.RemoteException;

import java.util.Vector;

public interface SalesExecInterface extends Remote{

//Each SalesExec has to have the following attributes

//private String id, firstName, lastName, password;

public String getFirstName() throws RemoteException;

public String getLastName() throws RemoteException;

public boolean login(String username, String password) throws RemoteException; //Logn method for SalesExec

/\* 0 means safely registered, 1 means ID is taken, 2 means Other Errors (Check Error Log) \*/

public int register(String id, String firstName, String lastName, String password) throws RemoteException; //Method for registering new SalesExec

public boolean remove(String id) throws RemoteException; //Used by admin to remove a SalesExec

public boolean find(String id) throws RemoteException; //Used to find a SalesExec

public Vector<String> findAll() throws RemoteException; //Shows all SalesExec

}

### Client

#### AddItemError.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace pref="67" max="32767" attributes="0"/>

<Component id="jLabel2" min="-2" pref="219" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="63" max="-2" attributes="0"/>

</Group>

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="147" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="135" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" pref="25" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="17" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" pref="53" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Trebuchet MS" size="24" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="ERROR"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="WRONG DATA TYPE USED IN PRICE"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="jButton1">

<Properties>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>

</Events>

</Component>

</SubComponents>

</Form>

#### AddItemError.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

/\*\*

\*

\* @author M

\*/

public class AddItemError extends javax.swing.JFrame {

/\*\*

\* Creates new form AddItemError

\*/

public AddItemError() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 24)); // NOI18N

jLabel1.setText("ERROR");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel2.setText("WRONG DATA TYPE USED IN PRICE");

jButton1.setText("Back");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(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()

.addContainerGap(67, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 219, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(63, 63, 63))

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(147, 147, 147)

.addComponent(jButton1))

.addGroup(layout.createSequentialGroup()

.addGap(135, 135, 135)

.addComponent(jLabel1)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(17, 17, 17)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 53, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton1)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

dispose();

new AdminAddItem().show();

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AddItemError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AddItemError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AddItemError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AddItemError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AddItemError().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

// End of variables declaration//GEN-END:variables

}

#### AddStock.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<Component id="jPanel1" min="-2" max="-2" attributes="0"/>

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<Component id="jPanel1" min="-2" max="-2" attributes="0"/>

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<Component id="qty" min="-2" pref="137" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="39" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="backBtn" min="-2" pref="160" max="-2" attributes="0"/>

<Component id="addStockBtn1" min="-2" pref="160" max="-2" attributes="0"/>

</Group>

</Group>

<Group type="102" alignment="0" attributes="0">

<Group type="103" groupAlignment="1" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="11" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

</Group>

<Component id="pname" min="-2" pref="268" max="-2" attributes="0"/>

</Group>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="found" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace pref="23" max="32767" attributes="0"/>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="20" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="277" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="46" max="-2" attributes="0"/>

<Group type="103" groupAlignment="3" attributes="0">

<Component id="pname" alignment="3" min="-2" pref="42" max="-2" attributes="0"/>

<Component id="found" alignment="3" min="-2" pref="42" max="-2" attributes="0"/>

</Group>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="qty" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="0" pref="44" max="32767" attributes="0"/>

<Component id="addStockBtn1" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="backBtn" min="-2" pref="46" max="-2" attributes="0"/>

</Group>

</Group>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="21" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="210" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Amount"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="pname">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="pnameActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel3">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Product name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="qty">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="qtyActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="backBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="backBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="addStockBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add Stock"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addStockBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="found">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="0" green="33" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Product not found try again"/>

</Properties>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AddStock.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import main.model.ProductInterface;

import main.model.RecordsInterface;

public class AddStock extends javax.swing.JFrame {

/\*\*

\* Creates new form AddStock

\*/

public AddStock() {

initComponents();

found.setVisible(false);

}

private String username;

private String userlast;

private String uuser;

private int quantity;

public AddStock(String finame,String liname, String user) {

initComponents();

found.setVisible(false);

username = finame;

userlast = liname;

uuser = user;

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

pname = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

qty = new javax.swing.JTextField();

backBtn = new javax.swing.JButton();

addStockBtn1 = new javax.swing.JButton();

found = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel2.setText("Amount");

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

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

pnameActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel3.setText("Product name");

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

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

qtyActionPerformed(evt);

}

});

backBtn.setBackground(new java.awt.Color(60, 115, 136));

backBtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

backBtn.setText("Back");

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

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

backBtnActionPerformed(evt);

}

});

addStockBtn1.setBackground(new java.awt.Color(60, 115, 136));

addStockBtn1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

addStockBtn1.setForeground(new java.awt.Color(255, 255, 255));

addStockBtn1.setText("Add Stock");

addStockBtn1.addActionListener(new java.awt.event.ActionListener() {

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

addStockBtn1ActionPerformed(evt);

}

});

found.setBackground(new java.awt.Color(255, 51, 0));

found.setText("Product not found try again");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(qty, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(39, 39, 39)

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

.addComponent(backBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(addStockBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel1Layout.createSequentialGroup()

.addGap(11, 11, 11)

.addComponent(jLabel2))

.addComponent(pname, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addComponent(found)))

.addContainerGap(23, Short.MAX\_VALUE))

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(20, 20, 20)

.addComponent(jLabel3)

.addContainerGap(277, Short.MAX\_VALUE)))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(46, 46, 46)

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

.addComponent(pname, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(found, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(18, 18, 18)

.addComponent(qty, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(0, 44, Short.MAX\_VALUE)

.addComponent(addStockBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(backBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE))))

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(21, 21, 21)

.addComponent(jLabel3)

.addContainerGap(210, Short.MAX\_VALUE)))

);

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(jPanel1, 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)

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void pnameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_pnameActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_pnameActionPerformed

private void qtyActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_qtyActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_qtyActionPerformed

private void backBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_backBtnActionPerformed

dispose();

new AdminProfilePage(username,userlast,uuser).show();

}//GEN-LAST:event\_backBtnActionPerformed

private void addStockBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addStockBtn1ActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

RecordsInterface restock = (RecordsInterface)registry.lookup("Records");

ProductInterface product = (ProductInterface)registry.lookup("Product");

String name = pname.getText();

try{

Integer.parseInt(qty.getText());

quantity = Integer.parseInt(qty.getText());

if(product.find(name)){

found.setVisible(false);

restock.recordRestock(name,quantity,uuser);

dispose();

new AdminViewItems(username,userlast,uuser).show();

}else{

found.setVisible(true);

}

}catch (NumberFormatException e) {

dispose();

new StockIntError(username,userlast,uuser).show();

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_addStockBtn1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AddStock.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AddStock.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AddStock.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AddStock.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AddStock().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton addStockBtn1;

public static javax.swing.JButton backBtn;

private javax.swing.JLabel found;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

public static javax.swing.JTextField pname;

public static javax.swing.JTextField qty;

// End of variables declaration//GEN-END:variables

}

#### AdminAddExecutivePage.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

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<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

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<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

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</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

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<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

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<Group type="103" groupAlignment="0" attributes="0">

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<Component id="jLabel8" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="addSalesIDTxt1" alignment="0" min="-2" pref="224" max="-2" attributes="0"/>

<Component id="jLabel7" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="addSalesLNameTxt" min="-2" pref="224" max="-2" attributes="0"/>

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<Component id="addSalesFNameTxt" min="-2" pref="224" max="-2" attributes="0"/>

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<Group type="103" groupAlignment="0" attributes="0">

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<Component id="addItem" min="-2" pref="115" max="-2" attributes="0"/>

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</Group>

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<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="addSalesFNameTxt" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="addSalesLNameTxt" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel7" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="addSalesIDTxt1" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel8" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="addSalesPasswordTxt" min="-2" pref="47" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="addItem" min="-2" pref="41" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="26" max="-2" attributes="0"/>

<Component id="adminAddSalesbackBtn" min="-2" pref="41" max="-2" attributes="0"/>

<EmptySpace pref="44" max="32767" attributes="0"/>

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</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel4">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="First Name"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel5">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Add New Sales Executive"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="addSalesFNameTxt">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addSalesFNameTxtActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="adminAddSalesbackBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminAddSalesbackBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="addItem">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addItemActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel6">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Last Name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="addSalesLNameTxt">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addSalesLNameTxtActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel7">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="IC/Passport ID"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="addSalesIDTxt1">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addSalesIDTxt1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel8">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Password"/>

</Properties>

</Component>

<Component class="javax.swing.JPasswordField" name="addSalesPasswordTxt">

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AdminAddExecutivePage.java

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import static main.SalesRegsitrationPage.fNameRegister;

import static main.SalesRegsitrationPage.lNameRegister;

import static main.SalesRegsitrationPage.passportRegister;

import static main.SalesRegsitrationPage.passwordRegister;

import main.model.SalesExecInterface;

public class AdminAddExecutivePage extends javax.swing.JFrame {

public AdminAddExecutivePage() {

initComponents();

}

private String username;

private String userlast;

private String uuser;

public AdminAddExecutivePage(String finame,String liname, String user) {

initComponents();

username = finame;

userlast = liname;

uuser = user;

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

addSalesFNameTxt = new javax.swing.JTextField();

adminAddSalesbackBtn = new javax.swing.JButton();

addItem = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();

addSalesLNameTxt = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

addSalesIDTxt1 = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

addSalesPasswordTxt = new javax.swing.JPasswordField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel4.setText("First Name");

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel5.setText("Add New Sales Executive");

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

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

addSalesFNameTxtActionPerformed(evt);

}

});

adminAddSalesbackBtn.setBackground(new java.awt.Color(60, 115, 136));

adminAddSalesbackBtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

adminAddSalesbackBtn.setText("Back");

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

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

adminAddSalesbackBtnActionPerformed(evt);

}

});

addItem.setBackground(new java.awt.Color(60, 115, 136));

addItem.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

addItem.setText("Add");

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

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

addItemActionPerformed(evt);

}

});

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel6.setText("Last Name");

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

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

addSalesLNameTxtActionPerformed(evt);

}

});

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel7.setText("IC/Passport ID");

addSalesIDTxt1.addActionListener(new java.awt.event.ActionListener() {

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

addSalesIDTxt1ActionPerformed(evt);

}

});

jLabel8.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel8.setText("Password");

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(97, Short.MAX\_VALUE)

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

.addComponent(addSalesPasswordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 224, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8)

.addComponent(addSalesIDTxt1, javax.swing.GroupLayout.PREFERRED\_SIZE, 224, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7)

.addComponent(addSalesLNameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 224, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6)

.addComponent(jLabel4)

.addComponent(addSalesFNameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 224, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5))

.addGap(58, 58, 58))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(27, 27, 27)

.addComponent(adminAddSalesbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(147, 147, 147)

.addComponent(addItem, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(22, 22, 22)

.addComponent(jLabel5)

.addGap(41, 41, 41)

.addComponent(jLabel4)

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

.addComponent(addSalesFNameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel6)

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

.addComponent(addSalesLNameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel7)

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

.addComponent(addSalesIDTxt1, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel8)

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

.addComponent(addSalesPasswordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(addItem, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(26, 26, 26)

.addComponent(adminAddSalesbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(44, Short.MAX\_VALUE))

);

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)

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 42, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void addSalesFNameTxtActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addSalesFNameTxtActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_addSalesFNameTxtActionPerformed

private void adminAddSalesbackBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminAddSalesbackBtnActionPerformed

dispose();

new AdminProfilePage(username,userlast,uuser).show();

}//GEN-LAST:event\_adminAddSalesbackBtnActionPerformed

private void addItemActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addItemActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

SalesExecInterface exec = (SalesExecInterface)registry.lookup("SalesExec");

String fName = addSalesFNameTxt.getText();

String lName = addSalesLNameTxt.getText();

String pNo = addSalesIDTxt1.getText();

String pwd = addSalesPasswordTxt.getText();

exec.register(pNo,fName,lName,pwd);

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_addItemActionPerformed

private void addSalesLNameTxtActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addSalesLNameTxtActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_addSalesLNameTxtActionPerformed

private void addSalesIDTxt1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addSalesIDTxt1ActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_addSalesIDTxt1ActionPerformed

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminAddExecutivePage().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton addItem;

public static javax.swing.JTextField addSalesFNameTxt;

public static javax.swing.JTextField addSalesIDTxt1;

public static javax.swing.JTextField addSalesLNameTxt;

public static javax.swing.JPasswordField addSalesPasswordTxt;

public static javax.swing.JButton adminAddSalesbackBtn;

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.JPanel jPanel1;

// End of variables declaration//GEN-END:variables

}

#### AdminAddItem.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

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<Component id="jPanel1" alignment="1" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

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<Group type="102" alignment="1" attributes="0">

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<Component id="Iprice" min="-2" pref="268" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="77" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

<Component id="iType" min="-2" pref="277" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

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<Component id="found" min="-2" max="-2" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="110" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="145" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="66" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

</Group>

</Group>

<EmptySpace pref="87" max="32767" attributes="0"/>

<Component id="backBtn" min="-2" pref="72" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace min="-2" pref="66" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="187" max="32767" attributes="0"/>

</Group>

</Group>

<Group type="103" rootIndex="2" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="76" max="-2" attributes="0"/>

<Component id="idTxt1" min="-2" pref="268" max="-2" attributes="0"/>

<EmptySpace pref="80" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

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<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="24" max="-2" attributes="0"/>

<Component id="Iprice" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="iType" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="found" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="backBtn" min="-2" pref="32" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="47" max="-2" attributes="0"/>

</Group>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="7" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="347" max="32767" attributes="0"/>

</Group>

</Group>

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<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="52" max="-2" attributes="0"/>

<Component id="idTxt1" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace pref="289" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Product name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="Iprice">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="IpriceActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel3">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Item type"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="signInBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="signInBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JComboBox" name="iType">

<Properties>

<Property name="model" type="javax.swing.ComboBoxModel" editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">

<StringArray count="4">

<StringItem index="0" value="Fruits"/>

<StringItem index="1" value="Dairy products"/>

<StringItem index="2" value="Cereal"/>

<StringItem index="3" value="Vegetables"/>

</StringArray>

</Property>

</Properties>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_TypeParameters" type="java.lang.String" value="&lt;String&gt;"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel4">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Item Price"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="backBtn">

<Properties>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="backBtnActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JTextField" name="idTxt1">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="idTxt1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="found">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="0" green="33" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Product not addeed"/>

</Properties>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AdminAddItem.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.model.ProductInterface;

/\*\*

\*

\* @author M

\*/

public class AdminAddItem extends javax.swing.JFrame {

/\*\*

\* Creates new form AdminAddItem

\*/

public AdminAddItem() {

initComponents();

found.setVisible(false);

}

private String username;

private String userlast;

private String uuser;

private double iPrice;

public AdminAddItem(String finame,String liname, String user) {

initComponents();

found.setVisible(false);

username = finame;

userlast = liname;

uuser = user;

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

Iprice = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

signInBtn = new javax.swing.JButton();

iType = new javax.swing.JComboBox<>();

jLabel4 = new javax.swing.JLabel();

backBtn = new javax.swing.JButton();

idTxt1 = new javax.swing.JTextField();

found = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel2.setText("Product name");

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

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

IpriceActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel3.setText("Item type");

signInBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

signInBtn.setText("Add");

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

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

signInBtnActionPerformed(evt);

}

});

iType.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Fruits", "Dairy products", "Cereal", "Vegetables" }));

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel4.setText("Item Price");

backBtn.setText("Back");

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

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

backBtnActionPerformed(evt);

}

});

idTxt1.addActionListener(new java.awt.event.ActionListener() {

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

idTxt1ActionPerformed(evt);

}

});

found.setBackground(new java.awt.Color(255, 51, 0));

found.setText("Product not addeed");

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(0, 0, Short.MAX\_VALUE)

.addComponent(Iprice, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(77, 77, 77))

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

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(iType, javax.swing.GroupLayout.PREFERRED\_SIZE, 277, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(found)

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

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel1Layout.createSequentialGroup()

.addGap(110, 110, 110)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel1Layout.createSequentialGroup()

.addGap(66, 66, 66)

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

.addComponent(jLabel4)

.addComponent(jLabel3)))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 87, Short.MAX\_VALUE)

.addComponent(backBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 72, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(66, 66, 66)

.addComponent(jLabel2)

.addContainerGap(187, Short.MAX\_VALUE)))

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(76, 76, 76)

.addComponent(idTxt1, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(80, Short.MAX\_VALUE)))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(107, 107, 107)

.addComponent(jLabel4)

.addGap(24, 24, 24)

.addComponent(Iprice, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel3)

.addGap(18, 18, 18)

.addComponent(iType, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(found, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, 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.TRAILING)

.addComponent(backBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)))

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(7, 7, 7)

.addComponent(jLabel2)

.addContainerGap(347, Short.MAX\_VALUE)))

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(52, 52, 52)

.addComponent(idTxt1, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(289, Short.MAX\_VALUE)))

);

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.Alignment.TRAILING, 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.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void IpriceActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_IpriceActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_IpriceActionPerformed

private void signInBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_signInBtnActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

ProductInterface product = (ProductInterface)registry.lookup("Product");

String iId = idTxt1.getText();

try{

Double.parseDouble(Iprice.getText());

iPrice = Double.parseDouble(Iprice.getText());

}catch (Exception e){

dispose();

new AddItemError().show();

}

String iCategory = (String)iType.getSelectedItem();

if(product.register(iId,iCategory,0,iPrice)==0){

found.setVisible(false);

product.register(iId,iCategory,0,iPrice);

dispose();

new AdminViewItems(username,userlast,uuser).show();

}else{

found.setVisible(true);

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_signInBtnActionPerformed

private void backBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_backBtnActionPerformed

dispose();

new AdminProfilePage(username,userlast,uuser).show();

}//GEN-LAST:event\_backBtnActionPerformed

private void idTxt1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_idTxt1ActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_idTxt1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminAddItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AdminAddItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AdminAddItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminAddItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminAddItem().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JTextField Iprice;

private javax.swing.JButton backBtn;

private javax.swing.JLabel found;

private javax.swing.JComboBox<String> iType;

public static javax.swing.JTextField idTxt1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JPanel jPanel1;

public static javax.swing.JButton signInBtn;

// End of variables declaration//GEN-END:variables

}

#### AdminErrorLogin.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="0" pref="37" max="32767" attributes="0"/>

<Component id="jLabel2" min="-2" pref="277" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="20" max="-2" attributes="0"/>

</Group>

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace min="-2" pref="126" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="121" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="6" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" pref="25" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" pref="53" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Trebuchet MS" size="24" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="ERROR"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="WRONG CREDENTIALS PLEASE TRY AGAIN"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="jButton1">

<Properties>

<Property name="text" type="java.lang.String" value="BACK"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>

</Events>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AdminErrorLogin.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

/\*\*

\*

\* @author M

\*/

public class AdminErrorLogin extends javax.swing.JFrame {

/\*\*

\* Creates new form AdminErrorLogin

\*/

public AdminErrorLogin() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 24)); // NOI18N

jLabel1.setText("ERROR");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel2.setText("WRONG CREDENTIALS PLEASE TRY AGAIN");

jButton1.setText("BACK");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(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(0, 37, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 277, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(20, 20, 20))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(126, 126, 126)

.addComponent(jButton1))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(121, 121, 121)

.addComponent(jLabel1)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(6, 6, 6)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 53, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton1)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

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.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

dispose();

new AdminLoginForm().show();

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AdminErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AdminErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminErrorLogin().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JPanel jPanel1;

// End of variables declaration//GEN-END:variables

}

#### AdminLoginForm.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace pref="72" max="32767" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="57" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="93" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="103" alignment="0" groupAlignment="0" max="-2" attributes="0">

<Component id="jLabel2" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="idTxt" alignment="0" max="32767" attributes="0"/>

<Component id="jLabel3" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="loginpasswordTxt" alignment="0" min="-2" pref="268" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace pref="47" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="145" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="76" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

<Component id="loginbackBtn" min="-2" pref="77" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="idTxt" min="-2" pref="50" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="29" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="loginpasswordTxt" min="-2" pref="60" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="47" max="-2" attributes="0"/>

<EmptySpace pref="37" max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace max="32767" attributes="0"/>

<Component id="loginbackBtn" min="-2" pref="33" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="48" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="Admin Sign In"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Admin ID"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="idTxt">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="idTxtActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel3">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Password"/>

</Properties>

</Component>

<Component class="javax.swing.JPasswordField" name="loginpasswordTxt">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

</Properties>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="signInBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign in"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="signInBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="loginbackBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="loginbackBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AdminLoginForm.java

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.model.AdminInterface;

public class AdminLoginForm extends javax.swing.JFrame {

public AdminLoginForm() {

initComponents();

}

private String loginFirst;

private String loginLast;

private String loginId;

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

idTxt = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

loginpasswordTxt = new javax.swing.JPasswordField();

signInBtn = new javax.swing.JButton();

loginbackBtn = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel1.setFont(new java.awt.Font("Maiandra GD", 1, 48)); // NOI18N

jLabel1.setText("Admin Sign In");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel2.setText("Admin ID");

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

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

idTxtActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel3.setText("Password");

loginpasswordTxt.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

signInBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

signInBtn.setText("Sign in");

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

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

signInBtnActionPerformed(evt);

}

});

loginbackBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

loginbackBtn.setText("Back");

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

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

loginbackBtnActionPerformed(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(72, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(57, 57, 57))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(93, 93, 93)

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

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

.addComponent(jLabel2)

.addComponent(idTxt)

.addComponent(jLabel3)

.addComponent(loginpasswordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(76, 76, 76)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(loginbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 77, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

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

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jLabel2)

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

.addComponent(idTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29)

.addComponent(jLabel3)

.addGap(18, 18, 18)

.addComponent(loginpasswordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 60, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(37, Short.MAX\_VALUE))

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(loginbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())))

);

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.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void idTxtActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_idTxtActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_idTxtActionPerformed

private void signInBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_signInBtnActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

AdminInterface admin = (AdminInterface)registry.lookup("Admin");

String lId = idTxt.getText();

String lPwd = loginpasswordTxt.getText();

if(admin.login(lId,lPwd)){

admin.login(lId,lPwd);

loginFirst = admin.getFirstName();

loginLast = admin.getLastName();

loginId = lId;

dispose();

new AdminProfilePage(loginFirst,loginLast,loginId).show();

}else{

dispose();

new AdminErrorLogin().show();

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_signInBtnActionPerformed

private void loginbackBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_loginbackBtnActionPerformed

//Go back to welcome page

dispose();

new WelcomePage().show();

}//GEN-LAST:event\_loginbackBtnActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminLoginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AdminLoginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AdminLoginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminLoginForm.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminLoginForm().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JTextField idTxt;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

public static javax.swing.JButton loginbackBtn;

public static javax.swing.JPasswordField loginpasswordTxt;

public static javax.swing.JButton signInBtn;

// End of variables declaration//GEN-END:variables

}

#### AdminProfilePage.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<NonVisualComponents>

<Component class="javax.swing.JLabel" name="jLabel5">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Personal Profile"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="salesLogoutBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="LogOut"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="salesLogoutBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="salesprofilebackBtn2">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="salesprofilebackBtn2ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel4">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="First Name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="fname">

<Properties>

<Property name="enabled" type="boolean" value="false"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="fnameActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel6">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Last Name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="lname">

<Properties>

<Property name="enabled" type="boolean" value="false"/>

</Properties>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</NonVisualComponents>

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" pref="478" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace max="32767" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="adminaddtBtn1" min="-2" pref="160" max="-2" attributes="0"/>

<Component id="jLabel7" min="-2" max="-2" attributes="0"/>

<Group type="103" alignment="1" groupAlignment="0" max="-2" attributes="0">

<Component id="addStockBtn" pref="160" max="32767" attributes="0"/>

<Component id="adminLogoutBtn" alignment="0" pref="160" max="32767" attributes="0"/>

<Component id="adminProfilebackBtn" alignment="0" max="32767" attributes="0"/>

<Component id="adminProfilebackBtn1" alignment="0" max="32767" attributes="0"/>

</Group>

</Group>

<EmptySpace min="-2" pref="137" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="-2" pref="28" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jLabel8" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="firstNameLabel" alignment="0" min="-2" pref="201" max="-2" attributes="0"/>

</Group>

<EmptySpace max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="lastNameLabel" max="32767" attributes="0"/>

<Component id="jLabel9" min="-2" max="-2" attributes="0"/>

</Group>

<EmptySpace pref="83" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="-2" pref="27" max="-2" attributes="0"/>

<Component id="jLabel7" min="-2" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Group type="103" groupAlignment="3" attributes="0">

<Component id="jLabel9" alignment="3" min="-2" max="-2" attributes="0"/>

<Component id="jLabel8" alignment="3" min="-2" max="-2" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="30" max="-2" attributes="0"/>

<Group type="103" groupAlignment="3" attributes="0">

<Component id="lastNameLabel" alignment="3" min="-2" pref="39" max="-2" attributes="0"/>

<Component id="firstNameLabel" alignment="3" min="-2" pref="33" max="-2" attributes="0"/>

</Group>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="adminaddtBtn1" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="addStockBtn" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

<Component id="adminProfilebackBtn" min="-2" pref="41" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="15" max="-2" attributes="0"/>

<Component id="adminProfilebackBtn1" min="-2" pref="41" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="adminLogoutBtn" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="98" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel7">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Personal Profile"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="adminLogoutBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="LogOut"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminLogoutBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="adminProfilebackBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Executives"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminProfilebackBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="adminaddtBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add Item"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminaddtBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="addStockBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add Stock"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addStockBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel8">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="First Name"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="firstNameLabel">

<Properties>

<Property name="text" type="java.lang.String" value="jLabel1"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel9">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Last Name"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="lastNameLabel">

<Properties>

<Property name="text" type="java.lang.String" value="jLabel2"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="adminProfilebackBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Records"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminProfilebackBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AdminProfilePage.java

package main;

public class AdminProfilePage extends javax.swing.JFrame {

public AdminProfilePage() {

initComponents();

}

private String user;

private String finame;

private String liname;

public AdminProfilePage(String paraOne,String paraTwo, String paraThree){

initComponents();

finame = paraOne;

liname = paraTwo;

firstNameLabel.setText(finame);

lastNameLabel.setText(liname);

user = paraThree;

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jLabel5 = new javax.swing.JLabel();

salesLogoutBtn = new javax.swing.JButton();

salesprofilebackBtn2 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

fname = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

lname = new javax.swing.JTextField();

jPanel1 = new javax.swing.JPanel();

jLabel7 = new javax.swing.JLabel();

adminLogoutBtn = new javax.swing.JButton();

adminProfilebackBtn = new javax.swing.JButton();

adminaddtBtn1 = new javax.swing.JButton();

addStockBtn = new javax.swing.JButton();

jLabel8 = new javax.swing.JLabel();

firstNameLabel = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

lastNameLabel = new javax.swing.JLabel();

adminProfilebackBtn1 = new javax.swing.JButton();

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel5.setText("Personal Profile");

salesLogoutBtn.setBackground(new java.awt.Color(60, 115, 136));

salesLogoutBtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

salesLogoutBtn.setText("LogOut");

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

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

salesLogoutBtnActionPerformed(evt);

}

});

salesprofilebackBtn2.setBackground(new java.awt.Color(60, 115, 136));

salesprofilebackBtn2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

salesprofilebackBtn2.setForeground(new java.awt.Color(255, 255, 255));

salesprofilebackBtn2.setText("Back");

salesprofilebackBtn2.addActionListener(new java.awt.event.ActionListener() {

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

salesprofilebackBtn2ActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel4.setText("First Name");

fname.setEnabled(false);

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

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

fnameActionPerformed(evt);

}

});

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel6.setText("Last Name");

lname.setEnabled(false);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel7.setText("Personal Profile");

adminLogoutBtn.setBackground(new java.awt.Color(60, 115, 136));

adminLogoutBtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

adminLogoutBtn.setText("LogOut");

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

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

adminLogoutBtnActionPerformed(evt);

}

});

adminProfilebackBtn.setBackground(new java.awt.Color(60, 115, 136));

adminProfilebackBtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

adminProfilebackBtn.setText("View Executives");

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

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

adminProfilebackBtnActionPerformed(evt);

}

});

adminaddtBtn1.setBackground(new java.awt.Color(60, 115, 136));

adminaddtBtn1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

adminaddtBtn1.setForeground(new java.awt.Color(255, 255, 255));

adminaddtBtn1.setText("Add Item");

adminaddtBtn1.addActionListener(new java.awt.event.ActionListener() {

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

adminaddtBtn1ActionPerformed(evt);

}

});

addStockBtn.setBackground(new java.awt.Color(60, 115, 136));

addStockBtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

addStockBtn.setText("Add Stock");

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

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

addStockBtnActionPerformed(evt);

}

});

jLabel8.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel8.setText("First Name");

firstNameLabel.setText("jLabel1");

jLabel9.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel9.setText("Last Name");

lastNameLabel.setText("jLabel2");

adminProfilebackBtn1.setBackground(new java.awt.Color(60, 115, 136));

adminProfilebackBtn1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

adminProfilebackBtn1.setForeground(new java.awt.Color(255, 255, 255));

adminProfilebackBtn1.setText("View Records");

adminProfilebackBtn1.addActionListener(new java.awt.event.ActionListener() {

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

adminProfilebackBtn1ActionPerformed(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.TRAILING)

.addComponent(adminaddtBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7)

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

.addComponent(addStockBtn, javax.swing.GroupLayout.DEFAULT\_SIZE, 160, Short.MAX\_VALUE)

.addComponent(adminLogoutBtn, javax.swing.GroupLayout.DEFAULT\_SIZE, 160, Short.MAX\_VALUE)

.addComponent(adminProfilebackBtn, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(adminProfilebackBtn1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))

.addGap(137, 137, 137))

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

.addGap(28, 28, 28)

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

.addComponent(jLabel8)

.addComponent(firstNameLabel, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

.addComponent(lastNameLabel, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel9))

.addContainerGap(83, Short.MAX\_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

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

.addGap(27, 27, 27)

.addComponent(jLabel7)

.addGap(18, 18, 18)

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

.addComponent(jLabel9)

.addComponent(jLabel8))

.addGap(30, 30, 30)

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

.addComponent(lastNameLabel, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(firstNameLabel, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(adminaddtBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(addStockBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(adminProfilebackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(15, 15, 15)

.addComponent(adminProfilebackBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(adminLogoutBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(98, 98, 98))

);

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, 478, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void salesLogoutBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_salesLogoutBtnActionPerformed

//Go back to welcome page

dispose();

new SalesViewItems().show();

}//GEN-LAST:event\_salesLogoutBtnActionPerformed

private void salesprofilebackBtn2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_salesprofilebackBtn2ActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_salesprofilebackBtn2ActionPerformed

private void fnameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_fnameActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_fnameActionPerformed

private void adminLogoutBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminLogoutBtnActionPerformed

//Go back to welcome page

dispose();

new WelcomePage().show();

}//GEN-LAST:event\_adminLogoutBtnActionPerformed

private void adminProfilebackBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminProfilebackBtnActionPerformed

//Go back to welcome page

dispose();

new AdminViewExecutives(finame,liname,user).show();

}//GEN-LAST:event\_adminProfilebackBtnActionPerformed

private void adminaddtBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminaddtBtn1ActionPerformed

dispose();

new AdminAddItem(finame,liname,user).show();

}//GEN-LAST:event\_adminaddtBtn1ActionPerformed

private void addStockBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addStockBtnActionPerformed

dispose();

new AddStock(finame,liname,user).show();

}//GEN-LAST:event\_addStockBtnActionPerformed

private void adminProfilebackBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminProfilebackBtn1ActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_adminProfilebackBtn1ActionPerformed

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminProfilePage().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton addStockBtn;

public static javax.swing.JButton adminLogoutBtn;

public static javax.swing.JButton adminProfilebackBtn;

public static javax.swing.JButton adminProfilebackBtn1;

public static javax.swing.JButton adminaddtBtn1;

private javax.swing.JLabel firstNameLabel;

public static javax.swing.JTextField fname;

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.JLabel lastNameLabel;

public static javax.swing.JTextField lname;

public static javax.swing.JButton salesLogoutBtn;

public static javax.swing.JButton salesprofilebackBtn2;

// End of variables declaration//GEN-END:variables

}

#### AdminViewExecutives.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.5" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jScrollPane2" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="149" max="-2" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="addExecutiveBtn" min="-2" max="-2" attributes="0"/>

<Component id="adminprofileBtn1" min="-2" pref="169" max="-2" attributes="0"/>

</Group>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="86" max="-2" attributes="0"/>

<Component id="found" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="49" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" max="-2" attributes="0">

<Component id="jLabel1" max="32767" attributes="0"/>

<Component id="pName" pref="209" max="32767" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="51" max="-2" attributes="0"/>

<Component id="removeBtn" min="-2" pref="85" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jScrollPane2" min="-2" pref="227" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="12" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Group type="103" groupAlignment="3" attributes="0">

<Component id="pName" alignment="3" min="-2" pref="34" max="-2" attributes="0"/>

<Component id="removeBtn" alignment="3" min="-2" pref="34" max="-2" attributes="0"/>

</Group>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="found" pref="20" max="32767" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="addExecutiveBtn" min="-2" pref="39" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="adminprofileBtn1" min="-2" pref="38" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JButton" name="addExecutiveBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add Sales Executive"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addExecutiveBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="adminprofileBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Profile"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminprofileBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Container class="javax.swing.JScrollPane" name="jScrollPane2">

<AuxValues>

<AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>

</AuxValues>

<Layout class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>

<SubComponents>

<Component class="javax.swing.JTable" name="table">

<Properties>

<Property name="model" type="javax.swing.table.TableModel" editor="org.netbeans.modules.form.editors2.TableModelEditor">

<Table columnCount="3" rowCount="0">

<Column editable="true" title="ID" type="java.lang.Object"/>

<Column editable="true" title="First Name" type="java.lang.Object"/>

<Column editable="true" title="Last Name" type="java.lang.Object"/>

</Table>

</Property>

<Property name="columnModel" type="javax.swing.table.TableColumnModel" editor="org.netbeans.modules.form.editors2.TableColumnModelEditor">

<TableColumnModel selectionModel="0">

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

</TableColumnModel>

</Property>

<Property name="tableHeader" type="javax.swing.table.JTableHeader" editor="org.netbeans.modules.form.editors2.JTableHeaderEditor">

<TableHeader reorderingAllowed="true" resizingAllowed="true"/>

</Property>

</Properties>

</Component>

</SubComponents>

</Container>

<Component class="javax.swing.JButton" name="removeBtn">

<Properties>

<Property name="text" type="java.lang.String" value="Remove"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="removeBtnActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JTextField" name="pName">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="pNameActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JLabel" name="found">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="0" green="33" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Product not found try again"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="text" type="java.lang.String" value="Enter ID"/>

</Properties>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### AdminViewExecutives.java

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

import main.model.SalesExecInterface;

public class AdminViewExecutives extends javax.swing.JFrame {

public AdminViewExecutives() {

initComponents();

found.setVisible(false);

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

SalesExecInterface exec = (SalesExecInterface)registry.lookup("SalesExec");;

for(int index = 0; index < exec.findAll().size(); index++) {

String id = exec.findAll().get(index);

index = index + 1;

String first = exec.findAll().get(index);

index = index + 1;

String last = exec.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{id,first,last});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

private String username;

private String userlast;

private String uuser;

public AdminViewExecutives(String finame,String liname, String user) {

initComponents();

username = finame;

userlast = liname;

uuser = user;

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

SalesExecInterface exec = (SalesExecInterface)registry.lookup("SalesExec");;

for(int index = 0; index < exec.findAll().size(); index++) {

String id = exec.findAll().get(index);

index = index + 1;

String first = exec.findAll().get(index);

index = index + 1;

String last = exec.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{id,first,last});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

addExecutiveBtn = new javax.swing.JButton();

adminprofileBtn1 = new javax.swing.JButton();

jScrollPane2 = new javax.swing.JScrollPane();

table = new javax.swing.JTable();

removeBtn = new javax.swing.JButton();

pName = new javax.swing.JTextField();

found = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

addExecutiveBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

addExecutiveBtn.setText("Add Sales Executive");

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

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

addExecutiveBtnActionPerformed(evt);

}

});

adminprofileBtn1.setBackground(new java.awt.Color(60, 115, 136));

adminprofileBtn1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

adminprofileBtn1.setForeground(new java.awt.Color(255, 255, 255));

adminprofileBtn1.setText("View Profile");

adminprofileBtn1.addActionListener(new java.awt.event.ActionListener() {

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

adminprofileBtn1ActionPerformed(evt);

}

});

table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"ID", "First Name", "Last Name"

}

));

jScrollPane2.setViewportView(table);

removeBtn.setText("Remove");

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

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

removeBtnActionPerformed(evt);

}

});

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

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

pNameActionPerformed(evt);

}

});

found.setBackground(new java.awt.Color(255, 51, 0));

found.setText("Product not found try again");

jLabel1.setText("Enter ID");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(149, 149, 149)

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

.addComponent(addExecutiveBtn)

.addComponent(adminprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 169, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(86, 86, 86)

.addComponent(found))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(49, 49, 49)

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

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(pName, javax.swing.GroupLayout.DEFAULT\_SIZE, 209, Short.MAX\_VALUE))

.addGap(51, 51, 51)

.addComponent(removeBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 227, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(12, 12, 12)

.addComponent(jLabel1)

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

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

.addComponent(pName, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(removeBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addComponent(found, javax.swing.GroupLayout.DEFAULT\_SIZE, 20, Short.MAX\_VALUE)

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

.addComponent(addExecutiveBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(adminprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

);

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.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void addExecutiveBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addExecutiveBtnActionPerformed

//Open add sales executives page

dispose();

new AdminAddExecutivePage().show();

}//GEN-LAST:event\_addExecutiveBtnActionPerformed

private void adminprofileBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminprofileBtn1ActionPerformed

dispose();

new AdminProfilePage(username,userlast,uuser).show();

}//GEN-LAST:event\_adminprofileBtn1ActionPerformed

private void removeBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_removeBtnActionPerformed

try{

Registry registry = LocateRegistry.getRegistry("localhost",1099);

SalesExecInterface exec = (SalesExecInterface)registry.lookup("SalesExec");

try{

String pId = pName.getText();

if(exec.find(pId)){

found.setVisible(false);

exec.remove(pId);

dispose();

new AdminViewExecutives(username,userlast,uuser).show();

}else{

found.setVisible(true);

}

}catch (Exception e){

}

}catch (RemoteException ex){

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_removeBtnActionPerformed

private void pNameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_pNameActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_pNameActionPerformed

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminViewExecutives().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton addExecutiveBtn;

public static javax.swing.JButton adminprofileBtn1;

private javax.swing.JLabel found;

private javax.swing.JLabel jLabel1;

private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTextField pName;

private javax.swing.JButton removeBtn;

private javax.swing.JTable table;

// End of variables declaration//GEN-END:variables

}

#### AdminViewItems.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.5" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jScrollPane2" min="-2" pref="418" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="121" max="-2" attributes="0"/>

<Component id="adminprofileBtn1" min="-2" pref="185" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="41" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="found" alignment="0" min="-2" max="-2" attributes="0"/>

<Group type="102" attributes="0">

<Component id="pName" min="-2" pref="209" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="43" max="-2" attributes="0"/>

<Component id="removeBtn" min="-2" pref="85" max="-2" attributes="0"/>

</Group>

<Component id="jLabel1" alignment="0" min="-2" pref="66" max="-2" attributes="0"/>

</Group>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<Component id="jScrollPane2" min="-2" pref="172" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="removeBtn" max="32767" attributes="0"/>

<Group type="102" attributes="0">

<EmptySpace min="6" pref="6" max="-2" attributes="0"/>

<Component id="pName" pref="52" max="32767" attributes="0"/>

</Group>

</Group>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="10" max="-2" attributes="0"/>

<Component id="found" min="-2" pref="30" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="4" max="-2" attributes="0"/>

<Component id="adminprofileBtn1" min="-2" pref="38" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JScrollPane" name="jScrollPane2">

<AuxValues>

<AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>

</AuxValues>

<Layout class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>

<SubComponents>

<Component class="javax.swing.JTable" name="table">

<Properties>

<Property name="model" type="javax.swing.table.TableModel" editor="org.netbeans.modules.form.editors2.TableModelEditor">

<Table columnCount="4" rowCount="0">

<Column editable="true" title="Name" type="java.lang.Object"/>

<Column editable="true" title="Category" type="java.lang.Object"/>

<Column editable="true" title="Stock" type="java.lang.Object"/>

<Column editable="true" title="Price" type="java.lang.Object"/>

</Table>

</Property>

<Property name="tableHeader" type="javax.swing.table.JTableHeader" editor="org.netbeans.modules.form.editors2.JTableHeaderEditor">

<TableHeader reorderingAllowed="true" resizingAllowed="true"/>

</Property>

</Properties>

</Component>

</SubComponents>

</Container>

<Component class="javax.swing.JButton" name="adminprofileBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Profile"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminprofileBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JTextField" name="pName">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="pNameActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JButton" name="removeBtn">

<Properties>

<Property name="text" type="java.lang.String" value="Remove"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="removeBtnActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JLabel" name="found">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="0" green="33" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Product not found try again"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="text" type="java.lang.String" value="Enter ID"/>

</Properties>

</Component>

</SubComponents>

</Form>

#### AdminViewItems.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

import java.rmi.AccessException;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

import main.model.ProductInterface;

/\*\*

\*

\* @author M

\*/

public class AdminViewItems extends javax.swing.JFrame {

/\*\*

\* Creates new form AdminViewItems

\*/

public AdminViewItems() {

initComponents();

found.setVisible(false);

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

ProductInterface product = (ProductInterface)registry.lookup("Product");

for(int index = 0; index < product.findAll().size(); index++) {

String name = product.findAll().get(index);

index = index + 1;

String category = product.findAll().get(index);

index = index + 1;

String stock = product.findAll().get(index);

index = index + 1;

String price = product.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{name,category, stock, price});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

private String username;

private String userlast;

private String uuser;

public AdminViewItems(String finame,String liname, String user) {

initComponents();

username = finame;

userlast = liname;

uuser = user;

found.setVisible(false);

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

ProductInterface product = (ProductInterface)registry.lookup("Product");

for(int index = 0; index < product.findAll().size(); index++) {

String name = product.findAll().get(index);

index = index + 1;

String category = product.findAll().get(index);

index = index + 1;

String stock = product.findAll().get(index);

index = index + 1;

String price = product.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{name,category, stock, price});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jScrollPane2 = new javax.swing.JScrollPane();

table = new javax.swing.JTable();

adminprofileBtn1 = new javax.swing.JButton();

pName = new javax.swing.JTextField();

removeBtn = new javax.swing.JButton();

found = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Name", "Category", "Stock", "Price"

}

));

jScrollPane2.setViewportView(table);

adminprofileBtn1.setBackground(new java.awt.Color(60, 115, 136));

adminprofileBtn1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

adminprofileBtn1.setForeground(new java.awt.Color(255, 255, 255));

adminprofileBtn1.setText("View Profile");

adminprofileBtn1.addActionListener(new java.awt.event.ActionListener() {

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

adminprofileBtn1ActionPerformed(evt);

}

});

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

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

pNameActionPerformed(evt);

}

});

removeBtn.setText("Remove");

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

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

removeBtnActionPerformed(evt);

}

});

found.setBackground(new java.awt.Color(255, 51, 0));

found.setText("Product not found try again");

jLabel1.setText("Enter ID");

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()

.addContainerGap()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 418, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(121, 121, 121)

.addComponent(adminprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 185, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(41, 41, 41)

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

.addComponent(found)

.addGroup(layout.createSequentialGroup()

.addComponent(pName, javax.swing.GroupLayout.PREFERRED\_SIZE, 209, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(43, 43, 43)

.addComponent(removeBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 66, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 172, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

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

.addComponent(removeBtn, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createSequentialGroup()

.addGap(6, 6, 6)

.addComponent(pName, javax.swing.GroupLayout.DEFAULT\_SIZE, 52, Short.MAX\_VALUE)))

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

.addComponent(jLabel1)

.addGap(10, 10, 10)

.addComponent(found, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(4, 4, 4)

.addComponent(adminprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void adminprofileBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminprofileBtn1ActionPerformed

dispose();

new AdminProfilePage(username,userlast,uuser).show();

}//GEN-LAST:event\_adminprofileBtn1ActionPerformed

private void removeBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_removeBtnActionPerformed

try{

Registry registry = LocateRegistry.getRegistry("localhost",1099);

ProductInterface product = (ProductInterface)registry.lookup("Product");

try{

String pId = pName.getText();

if(product.find(pId)){

found.setVisible(false);

product.remove(pId);

dispose();

new AdminViewItems(username,userlast,uuser).show();

}else{

found.setVisible(true);

}

}catch (Exception e){

}

}catch (RemoteException ex){

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_removeBtnActionPerformed

private void pNameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_pNameActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_pNameActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminViewItems.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AdminViewItems.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AdminViewItems.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminViewItems.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminViewItems().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton adminprofileBtn1;

private javax.swing.JLabel found;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTextField pName;

private javax.swing.JButton removeBtn;

private javax.swing.JTable table;

// End of variables declaration//GEN-END:variables

}

#### AdminViewRecords.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="150" max="-2" attributes="0"/>

<Component id="adminprofileBtn1" min="-2" pref="169" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="81" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jLabel1" min="-2" pref="66" max="-2" attributes="0"/>

<Group type="102" attributes="0">

<Group type="103" groupAlignment="1" attributes="0">

<Component id="found" min="-2" max="-2" attributes="0"/>

<Component id="pName" min="-2" pref="209" max="-2" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="39" max="-2" attributes="0"/>

<Component id="removeBtn" min="-2" pref="85" max="-2" attributes="0"/>

</Group>

</Group>

</Group>

</Group>

<EmptySpace pref="101" max="32767" attributes="0"/>

</Group>

<Component id="jScrollPane2" alignment="1" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<Component id="jScrollPane2" min="-2" pref="206" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Group type="103" groupAlignment="3" attributes="0">

<Component id="pName" alignment="3" max="32767" attributes="0"/>

<Component id="removeBtn" alignment="3" pref="29" max="32767" attributes="0"/>

</Group>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" pref="32" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="40" max="-2" attributes="0"/>

<Component id="found" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="adminprofileBtn1" min="-2" pref="38" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JScrollPane" name="jScrollPane2">

<AuxValues>

<AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>

</AuxValues>

<Layout class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>

<SubComponents>

<Component class="javax.swing.JTable" name="table">

<Properties>

<Property name="model" type="javax.swing.table.TableModel" editor="org.netbeans.modules.form.editors2.TableModelEditor">

<Table columnCount="5" rowCount="0">

<Column editable="true" title="ID" type="java.lang.Object"/>

<Column editable="true" title="PRODUCT NAME" type="java.lang.Object"/>

<Column editable="true" title="TYPE" type="java.lang.Object"/>

<Column editable="true" title="QUANTITY" type="java.lang.Object"/>

<Column editable="true" title="USERID" type="java.lang.Object"/>

</Table>

</Property>

<Property name="columnModel" type="javax.swing.table.TableColumnModel" editor="org.netbeans.modules.form.editors2.TableColumnModelEditor">

<TableColumnModel selectionModel="0">

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

</TableColumnModel>

</Property>

<Property name="tableHeader" type="javax.swing.table.JTableHeader" editor="org.netbeans.modules.form.editors2.JTableHeaderEditor">

<TableHeader reorderingAllowed="true" resizingAllowed="true"/>

</Property>

</Properties>

</Component>

</SubComponents>

</Container>

<Component class="javax.swing.JTextField" name="pName">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="pNameActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JButton" name="removeBtn">

<Properties>

<Property name="text" type="java.lang.String" value="Remove"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="removeBtnActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JButton" name="adminprofileBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Profile"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminprofileBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="found">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="0" green="33" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Record not found try again"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="text" type="java.lang.String" value="Enter ID"/>

</Properties>

</Component>

</SubComponents>

</Form>

#### AdminViewRecords.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

import main.model.RecordsInterface;

/\*\*

\*

\* @author M

\*/

public class AdminViewRecords extends javax.swing.JFrame {

/\*\*

\* Creates new form AdminViewRecords

\*/

public AdminViewRecords() {

initComponents();

found.setVisible(false);

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

RecordsInterface record = (RecordsInterface)registry.lookup("Records");;

for(int index = 0; index < record.findAll().size(); index++) {

String id = record.findAll().get(index);

index = index + 1;

String pnmae = record.findAll().get(index);

index = index + 1;

String type = record.findAll().get(index);

index = index + 1;

String qty = record.findAll().get(index);

index = index + 1;

String userids = record.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{id,pnmae,type,qty,userids});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

private String username;

private String userlast;

private String uuser;

public AdminViewRecords(String finame,String liname, String user) {

initComponents();

found.setVisible(false);

username = finame;

userlast = liname;

uuser = user;

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

RecordsInterface record = (RecordsInterface)registry.lookup("Records");;

for(int index = 0; index < record.findAll().size(); index++) {

String id = record.findAll().get(index);

index = index + 1;

String pnmae = record.findAll().get(index);

index = index + 1;

String type = record.findAll().get(index);

index = index + 1;

String qty = record.findAll().get(index);

index = index + 1;

String userids = record.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{id,pnmae,type,qty,userids});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jScrollPane2 = new javax.swing.JScrollPane();

table = new javax.swing.JTable();

pName = new javax.swing.JTextField();

removeBtn = new javax.swing.JButton();

adminprofileBtn1 = new javax.swing.JButton();

found = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"ID", "PRODUCT NAME", "TYPE", "QUANTITY", "USERID"

}

));

jScrollPane2.setViewportView(table);

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

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

pNameActionPerformed(evt);

}

});

removeBtn.setText("Remove");

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

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

removeBtnActionPerformed(evt);

}

});

adminprofileBtn1.setBackground(new java.awt.Color(60, 115, 136));

adminprofileBtn1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

adminprofileBtn1.setForeground(new java.awt.Color(255, 255, 255));

adminprofileBtn1.setText("View Profile");

adminprofileBtn1.addActionListener(new java.awt.event.ActionListener() {

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

adminprofileBtn1ActionPerformed(evt);

}

});

found.setBackground(new java.awt.Color(255, 51, 0));

found.setText("Record not found try again");

jLabel1.setText("Enter ID");

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(150, 150, 150)

.addComponent(adminprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 169, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(81, 81, 81)

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

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 66, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

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

.addComponent(found)

.addComponent(pName, javax.swing.GroupLayout.PREFERRED\_SIZE, 209, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(39, 39, 39)

.addComponent(removeBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)))))

.addContainerGap(101, Short.MAX\_VALUE))

.addComponent(jScrollPane2, javax.swing.GroupLayout.Alignment.TRAILING)

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 206, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

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

.addComponent(pName)

.addComponent(removeBtn, javax.swing.GroupLayout.DEFAULT\_SIZE, 29, Short.MAX\_VALUE))

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

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(40, 40, 40)

.addComponent(found)

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

.addComponent(adminprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void pNameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_pNameActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_pNameActionPerformed

private void removeBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_removeBtnActionPerformed

try{

Registry registry = LocateRegistry.getRegistry("localhost",1099);

RecordsInterface record = (RecordsInterface)registry.lookup("Records");

try{

long pId = Integer.parseInt(pName.getText());

if(record.find(pId)){

found.setVisible(false);

record.remove(pId);

dispose();

new AdminViewItems(username,userlast,uuser).show();

}else{

found.setVisible(true);

}

}catch (Exception e){

}

}catch (RemoteException ex){

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_removeBtnActionPerformed

private void adminprofileBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminprofileBtn1ActionPerformed

dispose();

new AdminProfilePage(username,userlast,uuser).show();

}//GEN-LAST:event\_adminprofileBtn1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AdminViewRecords.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AdminViewRecords.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AdminViewRecords.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AdminViewRecords.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new AdminViewRecords().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton adminprofileBtn1;

private javax.swing.JLabel found;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTextField pName;

private javax.swing.JButton removeBtn;

private javax.swing.JTable table;

// End of variables declaration//GEN-END:variables

}

#### LoginPage.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jPanel1" max="32767" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jPanel1" max="32767" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="72" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="84" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="34" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" max="-2" attributes="0">

<Component id="jLabel2" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="idTxt" alignment="0" pref="268" max="32767" attributes="0"/>

<Component id="jLabel3" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="loginpasswordTxt" alignment="0" max="32767" attributes="0"/>

</Group>

</Group>

<Component id="loginbackBtn" alignment="0" min="-2" pref="77" max="-2" attributes="0"/>

</Group>

<EmptySpace pref="76" max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace max="32767" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="registerBtn" min="-2" pref="145" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="145" max="-2" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="152" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace min="-2" pref="46" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="58" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="idTxt" min="-2" pref="50" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="29" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="loginpasswordTxt" min="-2" pref="60" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="47" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="registerBtn" min="-2" pref="47" max="-2" attributes="0"/>

<EmptySpace pref="118" max="32767" attributes="0"/>

<Component id="loginbackBtn" min="-2" pref="33" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="22" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel3">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Password"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="signInBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign in"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="signInBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JTextField" name="idTxt">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="idTxtActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Passport ID"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="loginbackBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="loginbackBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="48" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign In"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="registerBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Register"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="registerBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JPasswordField" name="loginpasswordTxt">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

</Properties>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### LoginPage.java

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.model.SalesExecInterface;

public class LoginPage extends javax.swing.JFrame {

static String user = "";

public LoginPage() {

initComponents();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel3 = new javax.swing.JLabel();

signInBtn = new javax.swing.JButton();

idTxt = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

loginbackBtn = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

registerBtn = new javax.swing.JButton();

loginpasswordTxt = new javax.swing.JPasswordField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel3.setText("Password");

signInBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

signInBtn.setText("Sign in");

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

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

signInBtnActionPerformed(evt);

}

});

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

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

idTxtActionPerformed(evt);

}

});

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel2.setText("Passport ID");

loginbackBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

loginbackBtn.setText("Back");

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

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

loginbackBtnActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Maiandra GD", 1, 48)); // NOI18N

jLabel1.setText("Sign In");

registerBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

registerBtn.setText("Register");

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

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

registerBtnActionPerformed(evt);

}

});

loginpasswordTxt.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(72, 72, 72)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(84, 84, 84)

.addComponent(jLabel1))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(34, 34, 34)

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

.addComponent(jLabel2)

.addComponent(idTxt, javax.swing.GroupLayout.DEFAULT\_SIZE, 268, Short.MAX\_VALUE)

.addComponent(jLabel3)

.addComponent(loginpasswordTxt)))

.addComponent(loginbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 77, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(76, Short.MAX\_VALUE))

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

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

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

.addComponent(registerBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(152, 152, 152))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(46, 46, 46)

.addComponent(jLabel1)

.addGap(58, 58, 58)

.addComponent(jLabel2)

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

.addComponent(idTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29)

.addComponent(jLabel3)

.addGap(18, 18, 18)

.addComponent(loginpasswordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 60, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(registerBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 118, Short.MAX\_VALUE)

.addComponent(loginbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(22, 22, 22))

);

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(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addContainerGap())

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addContainerGap())

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void signInBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_signInBtnActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

SalesExecInterface exec = (SalesExecInterface)registry.lookup("SalesExec");

String loginNo = idTxt.getText();

String lPwd = loginpasswordTxt.getText();

try{

if(exec.login(loginNo,lPwd)){

exec.login(loginNo,lPwd);

exec.find(loginNo);

String loginFirst = exec.getFirstName();

String loginLast = exec.getLastName();

String loginId = loginNo;

dispose();

new SalesProfilePagee(loginFirst,loginLast,loginId).show();

}else{

dispose();

new SalesErrorLogin().show();

}

}catch(Exception ex){};

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_signInBtnActionPerformed

private void idTxtActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_idTxtActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_idTxtActionPerformed

private void loginbackBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_loginbackBtnActionPerformed

//Go back to welcome page

dispose();

new WelcomePage().show();

}//GEN-LAST:event\_loginbackBtnActionPerformed

private void registerBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_registerBtnActionPerformed

dispose();

new SalesRegsitrationPage().show();

}//GEN-LAST:event\_registerBtnActionPerformed

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new LoginPage().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JTextField idTxt;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

public static javax.swing.JButton loginbackBtn;

public static javax.swing.JPasswordField loginpasswordTxt;

public static javax.swing.JButton registerBtn;

public static javax.swing.JButton signInBtn;

// End of variables declaration//GEN-END:variables

}

#### SalesAddSoldItem.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jPanel1" max="32767" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="1" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="34" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Component id="saddSaleBtn" min="-2" pref="145" max="-2" attributes="0"/>

<EmptySpace pref="66" max="32767" attributes="0"/>

<Component id="backBtn" min="-2" pref="145" max="-2" attributes="0"/>

</Group>

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="found" min="-2" max="-2" attributes="0"/>

<Component id="qty" min="-2" pref="268" max="-2" attributes="0"/>

<Component id="pname" min="-2" pref="268" max="-2" attributes="0"/>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="11" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

</Group>

</Group>

<EmptySpace max="-2" attributes="0"/>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="44" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="209" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="58" max="-2" attributes="0"/>

<Component id="pname" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

<Component id="found" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="qty" min="-2" pref="42" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Group type="103" groupAlignment="3" attributes="0">

<Component id="saddSaleBtn" alignment="3" min="-2" pref="47" max="-2" attributes="0"/>

<Component id="backBtn" alignment="3" min="-2" pref="47" max="-2" attributes="0"/>

</Group>

<EmptySpace max="-2" attributes="0"/>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="21" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="250" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Quantity"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="pname">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="pnameActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel3">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Product name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="qty">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="qtyActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="saddSaleBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="saddSaleBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="backBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="backBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="found">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="0" green="33" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Product not found try again"/>

</Properties>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### SalesAddSoldItem.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import main.model.ProductInterface;

import main.model.RecordsInterface;

/\*\*

\*

\* @author M

\*/

public class SalesAddSoldItem extends javax.swing.JFrame {

/\*\*

\* Creates new form SalesAddSoldItem

\*/

public SalesAddSoldItem() {

initComponents();

found.setVisible(false);

}

private String username;

private String userlast;

private String uuser;

private int quantity;

public SalesAddSoldItem(String finame,String liname, String user) {

initComponents();

found.setVisible(false);

username = finame;

userlast = liname;

uuser = user;

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

pname = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

qty = new javax.swing.JTextField();

saddSaleBtn = new javax.swing.JButton();

backBtn = new javax.swing.JButton();

found = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel2.setText("Quantity");

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

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

pnameActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel3.setText("Product name");

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

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

qtyActionPerformed(evt);

}

});

saddSaleBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

saddSaleBtn.setText("Add");

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

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

saddSaleBtnActionPerformed(evt);

}

});

backBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

backBtn.setText("Back");

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

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

backBtnActionPerformed(evt);

}

});

found.setBackground(new java.awt.Color(255, 51, 0));

found.setText("Product not found try again");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(34, 34, 34)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(saddSaleBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 66, Short.MAX\_VALUE)

.addComponent(backBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(found)

.addComponent(qty, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(pname, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(11, 11, 11)

.addComponent(jLabel2)))

.addGap(0, 0, Short.MAX\_VALUE)))

.addContainerGap())

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(44, 44, 44)

.addComponent(jLabel3)

.addContainerGap(209, Short.MAX\_VALUE)))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(58, 58, 58)

.addComponent(pname, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(found, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel2)

.addGap(18, 18, 18)

.addComponent(qty, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

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

.addComponent(saddSaleBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(backBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap())

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(21, 21, 21)

.addComponent(jLabel3)

.addContainerGap(250, Short.MAX\_VALUE)))

);

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(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addContainerGap())

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void pnameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_pnameActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_pnameActionPerformed

private void qtyActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_qtyActionPerformed

}//GEN-LAST:event\_qtyActionPerformed

private void saddSaleBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_saddSaleBtnActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

RecordsInterface sales = (RecordsInterface)registry.lookup("Records");

ProductInterface product = (ProductInterface)registry.lookup("Product");

String name = pname.getText();

try{

Integer.parseInt(qty.getText());

quantity = Integer.parseInt(qty.getText());

if(product.find(name)){

sales.recordSales(name,quantity,uuser);

dispose();

new SalesViewItems(username,userlast,uuser).show();

}else{

found.setVisible(true);

}

}catch (NumberFormatException e) {

dispose();

new SalesIntError(username,userlast,uuser).show();

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_saddSaleBtnActionPerformed

private void backBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_backBtnActionPerformed

dispose();

new SalesAddSoldItem(username,userlast,uuser).show();

}//GEN-LAST:event\_backBtnActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(SalesAddSoldItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(SalesAddSoldItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(SalesAddSoldItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SalesAddSoldItem.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SalesAddSoldItem().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton backBtn;

private javax.swing.JLabel found;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPanel jPanel1;

public static javax.swing.JTextField pname;

public static javax.swing.JTextField qty;

public static javax.swing.JButton saddSaleBtn;

// End of variables declaration//GEN-END:variables

}

#### SalesErrorLogin.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="0" pref="53" max="32767" attributes="0"/>

<Component id="jLabel2" min="-2" pref="277" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="40" max="-2" attributes="0"/>

</Group>

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace min="-2" pref="142" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="152" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="4" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" pref="25" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" pref="53" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JButton" name="jButton1">

<Properties>

<Property name="text" type="java.lang.String" value="BACK"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="WRONG CREDENTIALS PLEASE TRY AGAIN"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Trebuchet MS" size="24" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="ERROR"/>

</Properties>

</Component>

</SubComponents>

</Form>

#### SalesErrorLogin.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

/\*\*

\*

\* @author M

\*/

public class SalesErrorLogin extends javax.swing.JFrame {

/\*\*

\* Creates new form SalesErrorLogin

\*/

public SalesErrorLogin() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jButton1 = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jButton1.setText("BACK");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(evt);

}

});

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel2.setText("WRONG CREDENTIALS PLEASE TRY AGAIN");

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 24)); // NOI18N

jLabel1.setText("ERROR");

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, 53, Short.MAX\_VALUE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 277, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(40, 40, 40))

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(142, 142, 142)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(152, 152, 152)

.addComponent(jButton1)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(4, 4, 4)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 53, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton1)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

dispose();

new LoginPage().show();

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(SalesErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(SalesErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(SalesErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SalesErrorLogin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SalesErrorLogin().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

// End of variables declaration//GEN-END:variables

}

#### SalesIntError.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="135" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="149" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="65" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace pref="49" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" pref="25" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" pref="53" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" max="-2" attributes="0"/>

<EmptySpace max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Trebuchet MS" size="24" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="ERROR"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="WRONG DATA TYPE USED IN QUANTITY"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="jButton1">

<Properties>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>

</Events>

</Component>

</SubComponents>

</Form>

#### SalesIntError.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

/\*\*

\*

\* @author M

\*/

public class SalesIntError extends javax.swing.JFrame {

/\*\*

\* Creates new form SalesIntError

\*/

public SalesIntError() {

initComponents();

}

private String username;

private String userlast;

private String uuser;

public SalesIntError(String finame,String liname, String user) {

initComponents();

username = finame;

userlast = liname;

uuser = user;

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 24)); // NOI18N

jLabel1.setText("ERROR");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel2.setText("WRONG DATA TYPE USED IN QUANTITY");

jButton1.setText("Back");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(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(135, 135, 135)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(149, 149, 149)

.addComponent(jButton1))

.addGroup(layout.createSequentialGroup()

.addGap(65, 65, 65)

.addComponent(jLabel2)))

.addContainerGap(49, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addContainerGap()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 53, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton1)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

dispose();

new SalesAddSoldItem(username,userlast,uuser).show();

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(SalesIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(SalesIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(SalesIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SalesIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SalesIntError().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

// End of variables declaration//GEN-END:variables

}

#### SalesProfilePagee.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="1" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel2" alignment="1" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel2" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel2">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jLabel4" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="jLabel6" alignment="0" min="-2" max="-2" attributes="0"/>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

<Component id="lastNameLabel" alignment="0" max="32767" attributes="0"/>

<Group type="102" attributes="0">

<Component id="firstNameLabel" min="-2" pref="201" max="-2" attributes="0"/>

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

<Component id="jLabel5" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="117" max="-2" attributes="0"/>

</Group>

</Group>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="60" max="-2" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="addSalesBtn1" min="-2" pref="160" max="-2" attributes="0"/>

<Component id="viewItemsBtn2" min="-2" pref="160" max="-2" attributes="0"/>

</Group>

<EmptySpace min="0" pref="0" max="32767" attributes="0"/>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="60" max="-2" attributes="0"/>

<Component id="salesLogoutBtn2" min="-2" pref="160" max="-2" attributes="0"/>

<EmptySpace pref="71" max="32767" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel5" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="firstNameLabel" min="-2" pref="33" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="30" max="-2" attributes="0"/>

<Component id="lastNameLabel" min="-2" pref="39" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="37" max="-2" attributes="0"/>

<Component id="addSalesBtn1" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace type="separate" max="-2" attributes="0"/>

<Component id="viewItemsBtn2" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace pref="75" max="32767" attributes="0"/>

</Group>

<Group type="103" rootIndex="1" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace pref="289" max="32767" attributes="0"/>

<Component id="salesLogoutBtn2" min="-2" pref="46" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="12" max="-2" attributes="0"/>

</Group>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel5">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Personal Profile"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel4">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="First Name"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel6">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Last Name"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="firstNameLabel">

<Properties>

<Property name="text" type="java.lang.String" value="jLabel1"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="lastNameLabel">

<Properties>

<Property name="text" type="java.lang.String" value="jLabel2"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="addSalesBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Add sale"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="addSalesBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="salesLogoutBtn2">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="LogOut"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="salesLogoutBtn2ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="viewItemsBtn2">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Items"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="viewItemsBtn2ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### SalesProfilePagee.java

package main;

public class SalesProfilePagee extends javax.swing.JFrame {

/\*\*

\* Creates new form SalesProfilePagee

\*/

public SalesProfilePagee() {

initComponents();

}

private String user;

private String finame;

private String liname;

public SalesProfilePagee(String paraOne,String paraTwo, String paraThree){

initComponents();

finame = paraOne;

liname = paraTwo;

firstNameLabel.setText(finame);

lastNameLabel.setText(liname);

user = paraThree;

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jPanel2 = new javax.swing.JPanel();

jLabel5 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

firstNameLabel = new javax.swing.JLabel();

lastNameLabel = new javax.swing.JLabel();

addSalesBtn1 = new javax.swing.JButton();

salesLogoutBtn2 = new javax.swing.JButton();

viewItemsBtn2 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel2.setBackground(new java.awt.Color(180, 210, 210));

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel5.setText("Personal Profile");

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel4.setText("First Name");

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel6.setText("Last Name");

firstNameLabel.setText("jLabel1");

lastNameLabel.setText("jLabel2");

addSalesBtn1.setBackground(new java.awt.Color(60, 115, 136));

addSalesBtn1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

addSalesBtn1.setForeground(new java.awt.Color(255, 255, 255));

addSalesBtn1.setText("Add sale");

addSalesBtn1.addActionListener(new java.awt.event.ActionListener() {

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

addSalesBtn1ActionPerformed(evt);

}

});

salesLogoutBtn2.setBackground(new java.awt.Color(60, 115, 136));

salesLogoutBtn2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

salesLogoutBtn2.setForeground(new java.awt.Color(255, 255, 255));

salesLogoutBtn2.setText("LogOut");

salesLogoutBtn2.addActionListener(new java.awt.event.ActionListener() {

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

salesLogoutBtn2ActionPerformed(evt);

}

});

viewItemsBtn2.setBackground(new java.awt.Color(60, 115, 136));

viewItemsBtn2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

viewItemsBtn2.setForeground(new java.awt.Color(255, 255, 255));

viewItemsBtn2.setText("View Items");

viewItemsBtn2.addActionListener(new java.awt.event.ActionListener() {

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

viewItemsBtn2ActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4)

.addComponent(jLabel6))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addComponent(lastNameLabel, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(firstNameLabel, javax.swing.GroupLayout.PREFERRED\_SIZE, 201, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jLabel5)

.addGap(117, 117, 117))))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(60, 60, 60)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(addSalesBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(viewItemsBtn2, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(60, 60, 60)

.addComponent(salesLogoutBtn2, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(71, Short.MAX\_VALUE)))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel5)

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

.addComponent(jLabel4)

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

.addComponent(firstNameLabel, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel6)

.addGap(30, 30, 30)

.addComponent(lastNameLabel, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(37, 37, 37)

.addComponent(addSalesBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(viewItemsBtn2, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(75, Short.MAX\_VALUE))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addContainerGap(289, Short.MAX\_VALUE)

.addComponent(salesLogoutBtn2, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(12, 12, 12)))

);

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addComponent(jPanel2, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

jPanel1Layout.setVerticalGroup(

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

.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

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.Alignment.TRAILING, 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.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void addSalesBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addSalesBtn1ActionPerformed

dispose();

new SalesAddSoldItem(finame,liname,user).show();

}//GEN-LAST:event\_addSalesBtn1ActionPerformed

private void salesLogoutBtn2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_salesLogoutBtn2ActionPerformed

dispose();

new WelcomePage().show();

}//GEN-LAST:event\_salesLogoutBtn2ActionPerformed

private void viewItemsBtn2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_viewItemsBtn2ActionPerformed

dispose();

new SalesViewItems(finame,liname,user).show();

}//GEN-LAST:event\_viewItemsBtn2ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(SalesProfilePagee.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(SalesProfilePagee.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(SalesProfilePagee.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SalesProfilePagee.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SalesProfilePagee().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton addSalesBtn1;

private javax.swing.JLabel firstNameLabel;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JLabel lastNameLabel;

public static javax.swing.JButton salesLogoutBtn2;

public static javax.swing.JButton viewItemsBtn2;

// End of variables declaration//GEN-END:variables

}

#### SalesRegsitrationPage.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="27" max="-2" attributes="0"/>

<Component id="registerbackbtn" min="-2" pref="115" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="164" max="-2" attributes="0"/>

<Component id="confirmregisterbtn" min="-2" pref="115" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace pref="83" max="32767" attributes="0"/>

<Group type="103" groupAlignment="1" max="-2" attributes="0">

<Component id="passwordRegister" max="32767" attributes="0"/>

<Component id="jLabel8" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="jLabel7" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="passportRegister" alignment="1" max="32767" attributes="0"/>

<Component id="fNameRegister" alignment="1" max="32767" attributes="0"/>

<Component id="jLabel4" alignment="0" min="-2" max="-2" attributes="0"/>

<Group type="103" alignment="0" groupAlignment="1" attributes="0">

<Component id="jLabel5" min="-2" max="-2" attributes="0"/>

<Group type="102" alignment="1" attributes="0">

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="110" max="-2" attributes="0"/>

</Group>

</Group>

<Component id="lNameRegister" alignment="1" max="32767" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="152" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="27" max="-2" attributes="0"/>

<Component id="jLabel5" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="48" max="-2" attributes="0"/>

<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="fNameRegister" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="18" max="-2" attributes="0"/>

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="lNameRegister" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel7" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="passportRegister" min="-2" pref="43" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel8" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="passwordRegister" min="-2" pref="49" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="41" max="-2" attributes="0"/>

<Component id="confirmregisterbtn" min="-2" pref="41" max="-2" attributes="0"/>

<EmptySpace pref="67" max="32767" attributes="0"/>

<Component id="registerbackbtn" min="-2" pref="41" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="31" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel5">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Registration"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel4">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="First Name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="fNameRegister">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="fNameRegisterActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel6">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Last Name"/>

</Properties>

</Component>

<Component class="javax.swing.JTextField" name="lNameRegister">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="lNameRegisterActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JTextField" name="passportRegister">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="passportRegisterActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel7">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="IC/Passport ID"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel8">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Password"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="confirmregisterbtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Register"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="confirmregisterbtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="registerbackbtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="0"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="registerbackbtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JPasswordField" name="passwordRegister">

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### SalesRegsitrationPage.java

package main;

import java.rmi.AccessException;

import main.model.SalesExecInterface;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

public class SalesRegsitrationPage extends javax.swing.JFrame {

/\*\*

\* Creates new form SalesRegsitrationPage

\*/

public SalesRegsitrationPage() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel5 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

fNameRegister = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

lNameRegister = new javax.swing.JTextField();

passportRegister = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

confirmregisterbtn = new javax.swing.JButton();

registerbackbtn = new javax.swing.JButton();

passwordRegister = new javax.swing.JPasswordField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel5.setText("Registration");

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel4.setText("First Name");

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

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

fNameRegisterActionPerformed(evt);

}

});

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel6.setText("Last Name");

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

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

lNameRegisterActionPerformed(evt);

}

});

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

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

passportRegisterActionPerformed(evt);

}

});

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel7.setText("IC/Passport ID");

jLabel8.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel8.setText("Password");

confirmregisterbtn.setBackground(new java.awt.Color(60, 115, 136));

confirmregisterbtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

confirmregisterbtn.setText("Register");

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

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

confirmregisterbtnActionPerformed(evt);

}

});

registerbackbtn.setBackground(new java.awt.Color(60, 115, 136));

registerbackbtn.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

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

registerbackbtn.setText("Back");

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

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

registerbackbtnActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(27, 27, 27)

.addComponent(registerbackbtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(164, 164, 164)

.addComponent(confirmregisterbtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

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

.addContainerGap(83, Short.MAX\_VALUE)

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

.addComponent(passwordRegister)

.addComponent(jLabel8, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel7, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(passportRegister)

.addComponent(fNameRegister)

.addComponent(jLabel4, javax.swing.GroupLayout.Alignment.LEADING)

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

.addComponent(jLabel5)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel6)

.addGap(110, 110, 110)))

.addComponent(lNameRegister))

.addGap(152, 152, 152))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(27, 27, 27)

.addComponent(jLabel5)

.addGap(48, 48, 48)

.addComponent(jLabel4)

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

.addComponent(fNameRegister, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jLabel6)

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

.addComponent(lNameRegister, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel7)

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

.addComponent(passportRegister, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel8)

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

.addComponent(passwordRegister, javax.swing.GroupLayout.PREFERRED\_SIZE, 49, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(41, 41, 41)

.addComponent(confirmregisterbtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 67, Short.MAX\_VALUE)

.addComponent(registerbackbtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(31, 31, 31))

);

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.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void fNameRegisterActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_fNameRegisterActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_fNameRegisterActionPerformed

private void lNameRegisterActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_lNameRegisterActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_lNameRegisterActionPerformed

private void passportRegisterActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_passportRegisterActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_passportRegisterActionPerformed

private void confirmregisterbtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_confirmregisterbtnActionPerformed

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

SalesExecInterface exec = (SalesExecInterface)registry.lookup("SalesExec");

String fName = fNameRegister.getText();

String lName = lNameRegister.getText();

String pNo = passportRegister.getText();

String pwd = passwordRegister.getText();

exec.register(pNo,fName,lName,pwd);

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}//GEN-LAST:event\_confirmregisterbtnActionPerformed

private void registerbackbtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_registerbackbtnActionPerformed

dispose();

new LoginPage().show();

}//GEN-LAST:event\_registerbackbtnActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(SalesRegsitrationPage.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(SalesRegsitrationPage.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(SalesRegsitrationPage.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SalesRegsitrationPage.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SalesRegsitrationPage().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton confirmregisterbtn;

public static javax.swing.JTextField fNameRegister;

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.JPanel jPanel1;

public static javax.swing.JTextField lNameRegister;

public static javax.swing.JTextField passportRegister;

public static javax.swing.JPasswordField passwordRegister;

public static javax.swing.JButton registerbackbtn;

// End of variables declaration//GEN-END:variables

}

#### SalesViewItems.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.5" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" min="-2" max="-2" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jScrollPane2" min="-2" pref="418" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="128" max="-2" attributes="0"/>

<Component id="salesprofileBtn1" min="-2" pref="185" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace pref="15" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<Component id="jScrollPane2" min="-2" pref="172" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="salesprofileBtn1" min="-2" pref="38" max="-2" attributes="0"/>

<EmptySpace pref="25" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JButton" name="salesprofileBtn1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="View Profile"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="salesprofileBtn1ActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Container class="javax.swing.JScrollPane" name="jScrollPane2">

<AuxValues>

<AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true"/>

</AuxValues>

<Layout class="org.netbeans.modules.form.compat2.layouts.support.JScrollPaneSupportLayout"/>

<SubComponents>

<Component class="javax.swing.JTable" name="table">

<Properties>

<Property name="model" type="javax.swing.table.TableModel" editor="org.netbeans.modules.form.editors2.TableModelEditor">

<Table columnCount="4" rowCount="0">

<Column editable="true" title="Name" type="java.lang.Object"/>

<Column editable="true" title="Category" type="java.lang.Object"/>

<Column editable="true" title="Stock" type="java.lang.Object"/>

<Column editable="true" title="Price" type="java.lang.Object"/>

</Table>

</Property>

<Property name="columnModel" type="javax.swing.table.TableColumnModel" editor="org.netbeans.modules.form.editors2.TableColumnModelEditor">

<TableColumnModel selectionModel="0">

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

<Column maxWidth="-1" minWidth="-1" prefWidth="-1" resizable="true">

<Title/>

<Editor/>

<Renderer/>

</Column>

</TableColumnModel>

</Property>

<Property name="tableHeader" type="javax.swing.table.JTableHeader" editor="org.netbeans.modules.form.editors2.JTableHeaderEditor">

<TableHeader reorderingAllowed="true" resizingAllowed="true"/>

</Property>

</Properties>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### SalesViewItems.java

package main;

//import sungroceryapplication.SalesProfilePage;

import java.rmi.NotBoundException;

import java.rmi.RemoteException;

import java.rmi.registry.LocateRegistry;

import java.rmi.registry.Registry;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

import main.model.ProductInterface;

public class SalesViewItems extends javax.swing.JFrame {

public SalesViewItems() {

initComponents();

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

ProductInterface product = (ProductInterface)registry.lookup("Product");

for(int index = 0; index < product.findAll().size(); index++) {

String name = product.findAll().get(index);

index = index + 1;

String category = product.findAll().get(index);

index = index + 1;

String stock = product.findAll().get(index);

index = index + 1;

String price = product.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{name,category, stock, price});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

private String username;

private String userlast;

private String uuser;

public SalesViewItems(String finame,String liname, String user) {

initComponents();

username = finame;

userlast = liname;

uuser = user;

try {

Registry registry = LocateRegistry.getRegistry("localhost",1099);

ProductInterface product = (ProductInterface)registry.lookup("Product");

for(int index = 0; index < product.findAll().size(); index++) {

String name = product.findAll().get(index);

index = index + 1;

String category = product.findAll().get(index);

index = index + 1;

String stock = product.findAll().get(index);

index = index + 1;

String price = product.findAll().get(index);

DefaultTableModel model = (DefaultTableModel)table.getModel();

model.addRow(new Object[]{name,category, stock, price});

}

} catch (RemoteException ex) {

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

} catch (NotBoundException ex) {

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

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

salesprofileBtn1 = new javax.swing.JButton();

jScrollPane2 = new javax.swing.JScrollPane();

table = new javax.swing.JTable();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

salesprofileBtn1.setBackground(new java.awt.Color(60, 115, 136));

salesprofileBtn1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

salesprofileBtn1.setForeground(new java.awt.Color(255, 255, 255));

salesprofileBtn1.setText("View Profile");

salesprofileBtn1.addActionListener(new java.awt.event.ActionListener() {

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

salesprofileBtn1ActionPerformed(evt);

}

});

table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Name", "Category", "Stock", "Price"

}

));

jScrollPane2.setViewportView(table);

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 418, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(128, 128, 128)

.addComponent(salesprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 185, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(15, Short.MAX\_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 172, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(salesprofileBtn1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(25, Short.MAX\_VALUE))

);

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>//GEN-END:initComponents

private void salesprofileBtn1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_salesprofileBtn1ActionPerformed

dispose();

new SalesProfilePagee(username,userlast,uuser).show();

}//GEN-LAST:event\_salesprofileBtn1ActionPerformed

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new SalesViewItems().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JButton salesprofileBtn1;

private javax.swing.JTable table;

// End of variables declaration//GEN-END:variables

}

#### StockIntError.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="51" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" pref="277" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="149" max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="131" max="-2" attributes="0"/>

<Component id="jButton1" min="-2" pref="101" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace pref="52" max="32767" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" attributes="0">

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel1" min="-2" pref="25" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" pref="53" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="jButton1" pref="32" max="32767" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Trebuchet MS" size="24" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="ERROR"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="12" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="PLEASE ENTER AN INTEGER IN THE STOCK FIELD"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="jButton1">

<Properties>

<Property name="text" type="java.lang.String" value="BACK"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>

</Events>

</Component>

</SubComponents>

</Form>

#### StockIntError.java

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package main;

/\*\*

\*

\* @author M

\*/

public class StockIntError extends javax.swing.JFrame {

/\*\*

\* Creates new form StockIntError

\*/

public StockIntError() {

initComponents();

}

private String user;

private String finame;

private String liname;

public StockIntError(String paraOne,String paraTwo, String paraThree){

initComponents();

finame = paraOne;

liname = paraTwo;

user = paraThree;

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Trebuchet MS", 1, 24)); // NOI18N

jLabel1.setText("ERROR");

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel2.setText("PLEASE ENTER AN INTEGER IN THE STOCK FIELD");

jButton1.setText("BACK");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(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(51, 51, 51)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 277, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(149, 149, 149)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(131, 131, 131)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 101, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(52, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 53, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT\_SIZE, 32, Short.MAX\_VALUE)

.addContainerGap())

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

dispose();

new AddStock(finame,liname,user).show();

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(StockIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(StockIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(StockIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(StockIntError.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new StockIntError().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

// End of variables declaration//GEN-END:variables

}

#### WelcomePage.form

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

<NonVisualComponents>

<Component class="javax.swing.JLabel" name="jLabel1">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="48" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign In"/>

</Properties>

</Component>

<Container class="javax.swing.JPanel" name="jPanel2">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="72" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="84" max="-2" attributes="0"/>

<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

</Group>

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="34" max="-2" attributes="0"/>

<Group type="103" groupAlignment="0" max="-2" attributes="0">

<Component id="jLabel2" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="usernameTxt" alignment="0" max="32767" attributes="0"/>

<Component id="jLabel3" alignment="0" min="-2" max="-2" attributes="0"/>

<Component id="passwordTxt" alignment="0" min="-2" pref="268" max="-2" attributes="0"/>

</Group>

</Group>

<Component id="loginbackBtn" alignment="0" min="-2" pref="77" max="-2" attributes="0"/>

</Group>

<EmptySpace pref="96" max="32767" attributes="0"/>

</Group>

<Group type="102" alignment="1" attributes="0">

<EmptySpace max="32767" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="registerBtn" alignment="1" min="-2" pref="145" max="-2" attributes="0"/>

<Component id="signInBtn" alignment="1" min="-2" pref="145" max="-2" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="152" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="0" attributes="0">

<EmptySpace min="-2" pref="46" max="-2" attributes="0"/>

<Component id="jLabel4" min="-2" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="58" max="-2" attributes="0"/>

<Component id="jLabel2" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="usernameTxt" min="-2" pref="50" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="29" max="-2" attributes="0"/>

<Component id="jLabel3" min="-2" max="-2" attributes="0"/>

<EmptySpace max="-2" attributes="0"/>

<Component id="passwordTxt" min="-2" pref="54" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="36" max="-2" attributes="0"/>

<Component id="signInBtn" min="-2" pref="47" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="registerBtn" min="-2" pref="47" max="-2" attributes="0"/>

<EmptySpace pref="140" max="32767" attributes="0"/>

<Component id="loginbackBtn" min="-2" pref="33" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="22" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JTextField" name="passwordTxt">

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel3">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Password"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="signInBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign in"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="signInBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JTextField" name="usernameTxt">

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="usernameTxtActionPerformed"/>

</Events>

</Component>

<Component class="javax.swing.JLabel" name="jLabel2">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="24" style="0"/>

</Property>

<Property name="text" type="java.lang.String" value="Passport ID"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="loginbackBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Back"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="loginbackBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel4">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="48" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign In"/>

</Properties>

</Component>

<Component class="javax.swing.JButton" name="registerBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Register"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="registerBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

</SubComponents>

</Container>

<Component class="javax.swing.JLabel" name="jLabel5">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="48" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="Sign In"/>

</Properties>

</Component>

</NonVisualComponents>

<Properties>

<Property name="defaultCloseOperation" type="int" value="3"/>

</Properties>

<SyntheticProperties>

<SyntheticProperty name="formSizePolicy" type="int" value="1"/>

<SyntheticProperty name="generateCenter" type="boolean" value="false"/>

</SyntheticProperties>

<AuxValues>

<AuxValue name="FormSettings\_autoResourcing" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_autoSetComponentName" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_generateFQN" type="java.lang.Boolean" value="true"/>

<AuxValue name="FormSettings\_generateMnemonicsCode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_i18nAutoMode" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_layoutCodeTarget" type="java.lang.Integer" value="1"/>

<AuxValue name="FormSettings\_listenerGenerationStyle" type="java.lang.Integer" value="0"/>

<AuxValue name="FormSettings\_variablesLocal" type="java.lang.Boolean" value="false"/>

<AuxValue name="FormSettings\_variablesModifier" type="java.lang.Integer" value="2"/>

</AuxValues>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="jPanel1" alignment="0" max="32767" attributes="0"/>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Container class="javax.swing.JPanel" name="jPanel1">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="d2" green="d2" red="b4" type="rgb"/>

</Property>

</Properties>

<Layout>

<DimensionLayout dim="0">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace pref="134" max="32767" attributes="0"/>

<Group type="103" groupAlignment="1" attributes="0">

<Component id="jLabel7" min="-2" max="-2" attributes="0"/>

<Group type="102" alignment="1" attributes="0">

<Group type="103" groupAlignment="0" attributes="0">

<Component id="salesBtn" min="-2" pref="190" max="-2" attributes="0"/>

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<Component id="adminBtn" alignment="0" min="-2" pref="190" max="-2" attributes="0"/>

</Group>

<EmptySpace min="-2" pref="10" max="-2" attributes="0"/>

</Group>

</Group>

<EmptySpace min="-2" pref="99" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

<DimensionLayout dim="1">

<Group type="103" groupAlignment="0" attributes="0">

<Group type="102" alignment="1" attributes="0">

<EmptySpace min="-2" pref="31" max="-2" attributes="0"/>

<Component id="jLabel7" min="-2" max="-2" attributes="0"/>

<EmptySpace type="unrelated" max="-2" attributes="0"/>

<Component id="jLabel6" min="-2" max="-2" attributes="0"/>

<EmptySpace pref="93" max="32767" attributes="0"/>

<Component id="salesBtn" min="-2" pref="56" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="76" max="-2" attributes="0"/>

<Component id="adminBtn" min="-2" pref="56" max="-2" attributes="0"/>

<EmptySpace min="-2" pref="250" max="-2" attributes="0"/>

</Group>

</Group>

</DimensionLayout>

</Layout>

<SubComponents>

<Component class="javax.swing.JButton" name="adminBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Administrator"/>

<Property name="toolTipText" type="java.lang.String" value=""/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="adminBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JButton" name="salesBtn">

<Properties>

<Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="88" green="73" red="3c" type="rgb"/>

</Property>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Tahoma" size="14" style="1"/>

</Property>

<Property name="foreground" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">

<Color blue="ff" green="ff" red="ff" type="rgb"/>

</Property>

<Property name="text" type="java.lang.String" value="Sales Executive"/>

</Properties>

<Events>

<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener" parameters="java.awt.event.ActionEvent" handler="salesBtnActionPerformed"/>

</Events>

<AuxValues>

<AuxValue name="JavaCodeGenerator\_VariableModifier" type="java.lang.Integer" value="9"/>

</AuxValues>

</Component>

<Component class="javax.swing.JLabel" name="jLabel6">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="36" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="Application"/>

</Properties>

</Component>

<Component class="javax.swing.JLabel" name="jLabel7">

<Properties>

<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.editors.FontEditor">

<Font name="Maiandra GD" size="36" style="1"/>

</Property>

<Property name="text" type="java.lang.String" value="SUN Grocery"/>

</Properties>

</Component>

</SubComponents>

</Container>

</SubComponents>

</Form>

#### WelcomePage.java

package main;

public class WelcomePage extends javax.swing.JFrame {

public WelcomePage() {

initComponents();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jPanel2 = new javax.swing.JPanel();

passwordTxt = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

signInBtn = new javax.swing.JButton();

usernameTxt = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

loginbackBtn = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

registerBtn = new javax.swing.JButton();

jLabel5 = new javax.swing.JLabel();

jPanel1 = new javax.swing.JPanel();

adminBtn = new javax.swing.JButton();

salesBtn = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel1.setFont(new java.awt.Font("Maiandra GD", 1, 48)); // NOI18N

jLabel1.setText("Sign In");

jPanel2.setBackground(new java.awt.Color(180, 210, 210));

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel3.setText("Password");

signInBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

signInBtn.setText("Sign in");

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

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

signInBtnActionPerformed(evt);

}

});

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

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

usernameTxtActionPerformed(evt);

}

});

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N

jLabel2.setText("Passport ID");

loginbackBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

loginbackBtn.setText("Back");

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

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

loginbackBtnActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Maiandra GD", 1, 48)); // NOI18N

jLabel4.setText("Sign In");

registerBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

registerBtn.setText("Register");

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

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

registerBtnActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(72, 72, 72)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(84, 84, 84)

.addComponent(jLabel4))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(34, 34, 34)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel2)

.addComponent(usernameTxt)

.addComponent(jLabel3)

.addComponent(passwordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 268, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addComponent(loginbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 77, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(96, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(registerBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 145, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(152, 152, 152))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(46, 46, 46)

.addComponent(jLabel4)

.addGap(58, 58, 58)

.addComponent(jLabel2)

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

.addComponent(usernameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29)

.addComponent(jLabel3)

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

.addComponent(passwordTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 54, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(36, 36, 36)

.addComponent(signInBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(registerBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 47, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 140, Short.MAX\_VALUE)

.addComponent(loginbackBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(22, 22, 22))

);

jLabel5.setFont(new java.awt.Font("Maiandra GD", 1, 48)); // NOI18N

jLabel5.setText("Sign In");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jPanel1.setBackground(new java.awt.Color(180, 210, 210));

adminBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

adminBtn.setText("Administrator");

adminBtn.setToolTipText("");

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

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

adminBtnActionPerformed(evt);

}

});

salesBtn.setBackground(new java.awt.Color(60, 115, 136));

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

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

salesBtn.setText("Sales Executive");

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

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

salesBtnActionPerformed(evt);

}

});

jLabel6.setFont(new java.awt.Font("Maiandra GD", 1, 36)); // NOI18N

jLabel6.setText("Application");

jLabel7.setFont(new java.awt.Font("Maiandra GD", 1, 36)); // NOI18N

jLabel7.setText("SUN Grocery");

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(134, Short.MAX\_VALUE)

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

.addComponent(jLabel7)

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(salesBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 190, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6)

.addComponent(adminBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 190, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(10, 10, 10)))

.addGap(99, 99, 99))

);

jPanel1Layout.setVerticalGroup(

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

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

.addGap(31, 31, 31)

.addComponent(jLabel7)

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

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 93, Short.MAX\_VALUE)

.addComponent(salesBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 56, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(76, 76, 76)

.addComponent(adminBtn, javax.swing.GroupLayout.PREFERRED\_SIZE, 56, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(250, 250, 250))

);

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.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

private void adminBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_adminBtnActionPerformed

dispose();

new AdminLoginForm().show();

}//GEN-LAST:event\_adminBtnActionPerformed

private void salesBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_salesBtnActionPerformed

dispose();

new LoginPage().show();

}//GEN-LAST:event\_salesBtnActionPerformed

private void signInBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_signInBtnActionPerformed

}//GEN-LAST:event\_signInBtnActionPerformed

private void usernameTxtActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_usernameTxtActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_usernameTxtActionPerformed

private void loginbackBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_loginbackBtnActionPerformed

//Go back to welcome page

dispose();

new WelcomePage().show();

}//GEN-LAST:event\_loginbackBtnActionPerformed

private void registerBtnActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_registerBtnActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_registerBtnActionPerformed

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new WelcomePage().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

public static javax.swing.JButton adminBtn;

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.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

public static javax.swing.JButton loginbackBtn;

public static javax.swing.JTextField passwordTxt;

public static javax.swing.JButton registerBtn;

public static javax.swing.JButton salesBtn;

public static javax.swing.JButton signInBtn;

private javax.swing.JTextField usernameTxt;

// End of variables declaration//GEN-END:variables

}

Interfaces has exactly the same code in the server side.