1. Chức năng quản lý phiếu xuất

- Chức năng này cho phép người quản trị thêm mới , sửa đổi hoặc xóa thông tin của phiếu xuất trong hệ thống.

- Khi thêm mới phiếu xuất, người quản trị sẽ cần nhập đầy đủ các thông tin của phiếu xuất, sau đó lưu lại vào hệ thống.

- Khi sửa đổi hoặc xóa thông tin của một phiếu xuất, người quản trị cần click vào phiếu xuất cần sửa hoặc xóa, sửa đổi thông tin và lưu lại hoặc xóa phiếu xuất khỏi hệ thống.

**--Code QLPX**

/\*

\* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license

\* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template

\*/

package view;

import controller.Mycontroller;

import java.io.ObjectOutputStream;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.ArrayList;

import java.util.Date;

import java.util.List;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import model.PhieuXuat;

/\*\*

\*

\* @author ACER

\*/

public class QuanLyPhieuXuat extends javax.swing.JFrame {

/\*\*

\* Creates new form QuanLyPhieuXuat

\*/

public static ArrayList<PhieuXuat> ListPX = new ArrayList<>();

private static Mycontroller controller = new Mycontroller();

static int position = 0;

private int selectedIndex;

public QuanLyPhieuXuat() {

initComponents();

setLocationRelativeTo(null);

}

/\*\*

\* 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">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

txtMaPX = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

txtNgayXuat = new javax.swing.JTextField();

txtSoLuongXuat = new javax.swing.JTextField();

txtTenKhachHang = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

txtTenNhanVien = new javax.swing.JTextField();

btn\_Them = new javax.swing.JButton();

btn\_Sua = new javax.swing.JButton();

btn\_Xoa = new javax.swing.JButton();

btn\_exit = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

table\_px = new javax.swing.JTable();

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

setSize(new java.awt.Dimension(752, 427));

jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N

jLabel1.setText("QUẢN LÝ PHIẾU XUẤT");

jLabel2.setText("Mã phiếu xuất: ");

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

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

txtMaPXActionPerformed(evt);

}

});

jLabel3.setText("Ngày xuất: ");

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

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

txtTenKhachHangActionPerformed(evt);

}

});

jLabel4.setText("Số lượng xuất:");

jLabel5.setText("Tên khách hàng:");

jLabel6.setText("Tên nhân viên:");

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

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

txtTenNhanVienActionPerformed(evt);

}

});

btn\_Them.setText("THÊM");

btn\_Them.addActionListener(new java.awt.event.ActionListener() {

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

btn\_ThemActionPerformed(evt);

}

});

btn\_Sua.setText("SỬA");

btn\_Sua.addActionListener(new java.awt.event.ActionListener() {

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

btn\_SuaActionPerformed(evt);

}

});

btn\_Xoa.setText("XÓA");

btn\_Xoa.addActionListener(new java.awt.event.ActionListener() {

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

btn\_XoaActionPerformed(evt);

}

});

btn\_exit.setText("THOÁT");

btn\_exit.addActionListener(new java.awt.event.ActionListener() {

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

btn\_exitActionPerformed(evt);

}

});

table\_px.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Mã phiếu xuất", "Ngày xuất", "Số lượng xuất", "Tên khách hàng", "Tên nhân viên"

}

));

table\_px.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

table\_pxMouseClicked(evt);

}

});

jScrollPane1.setViewportView(table\_px);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(274, 274, 274)

.addComponent(jLabel1)

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

.addGroup(layout.createSequentialGroup()

.addGap(20, 20, 20)

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

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT\_SIZE, 152, Short.MAX\_VALUE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 102, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

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

.addComponent(txtMaPX, javax.swing.GroupLayout.DEFAULT\_SIZE, 367, Short.MAX\_VALUE)

.addComponent(txtNgayXuat)

.addComponent(txtSoLuongXuat))

.addComponent(txtTenKhachHang, javax.swing.GroupLayout.PREFERRED\_SIZE, 367, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtTenNhanVien, javax.swing.GroupLayout.PREFERRED\_SIZE, 367, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(58, 58, 58)

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

.addComponent(btn\_Xoa, javax.swing.GroupLayout.DEFAULT\_SIZE, 80, Short.MAX\_VALUE)

.addComponent(btn\_exit, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btn\_Sua, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btn\_Them, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(57, 57, 57))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)

.addContainerGap())

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

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

.addComponent(jLabel2)

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

.addComponent(btn\_Them))

.addGap(18, 18, 18)

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

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

.addComponent(jLabel3)

.addComponent(btn\_Sua))

.addGap(18, 18, 18)

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

.addComponent(jLabel4)

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

.addComponent(btn\_Xoa))

.addGap(18, 18, 18)

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

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

.addComponent(jLabel5)

.addComponent(btn\_exit))

.addGap(18, 18, 18)

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

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

.addComponent(jLabel6))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 30, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 301, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(22, 22, 22))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

public PhieuXuat getPX(){

PhieuXuat px = new PhieuXuat();

px.setMaPhieuXuat(txtMaPX.getText().trim());

px.setSoLuongXuat(Integer.parseInt(txtSoLuongXuat.getText().trim()));

px.setTenKhachHang(txtTenKhachHang.getText().trim());

px.setTenNV(txtTenNhanVien.getText().trim());

try{

px.setNgayXuat(new SimpleDateFormat("dd/MM/yyyy").parse(txtNgayXuat.getText()));

}

catch(ParseException e){

e.printStackTrace();

}

return px;

}

public void hienthidulieubang(){

DefaultTableModel tbModel = (DefaultTableModel)table\_px.getModel();

tbModel.setRowCount(0); // clear table

for(PhieuXuat px: ListPX){

Object [] rowData = new Object[5];

rowData[0] = px.getMaPhieuXuat();

rowData[1] = new SimpleDateFormat("dd/MM/yyyy").format(px.getNgayXuat());

rowData[2] = px.getSoLuongXuat();

rowData[3] = px.getTenKhachHang();

rowData[4] = px.getTenNV();

tbModel.addRow(rowData);

}

}

private void btn\_ThemActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

if(!checkValidateForm()){

JOptionPane.showMessageDialog(this, "Ban chua nhap day du thong tin!");

}

else{

PhieuXuat px = getPX();

ListPX.add(px);

hienthidulieubang();

resetForm();

controller.writeToFile(ListPX,("src/file/Phieuxuat.txt"));

}

}

public void resetForm(){

txtMaPX.setText("");

txtNgayXuat.setText("");

txtSoLuongXuat.setText("");

txtTenKhachHang.setText("");

txtTenNhanVien.setText("");

}

public Boolean checkValidateForm(){

if(txtMaPX.getText().isEmpty()||

txtNgayXuat.getText().isEmpty()||

txtSoLuongXuat.getText().isEmpty()||

txtTenKhachHang.getText().isEmpty()||

txtTenNhanVien.getText().isEmpty()){

return false;

}

return true;

}

private void btn\_SuaActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

selectedIndex = table\_px.getSelectedRow();

try{

if(ListPX.size() == 0){

JOptionPane.showMessageDialog(rootPane, "Nhập thêm sinh viên rồi sửa!");

}

else if(selectedIndex == -1 ){

JOptionPane.showMessageDialog(rootPane, " Hãy chọn 1 dòng rồi nhập thông tin sinh viên sửa!");

}

else{

QLVT\_Sua\_PX suaPX = new QLVT\_Sua\_PX(this,rootPaneCheckingEnabled);

suaPX.setEditData(ListPX.get(selectedIndex));

suaPX.setVisible(true);

}

}

catch(Exception ex){

ex.printStackTrace();

}

}

/\* public int edit(PhieuXuat PXnew){

for(PhieuXuat px: ListPX){

if(px.getMaPhieuXuat().equalsIgnoreCase(PXnew.getMaPhieuXuat())){

px.setNgayXuat(PXnew.getNgayXuat());

px.setSoLuongXuat(PXnew.getSoLuongXuat());

px.setTenKhachHang(PXnew.getTenKhachHang());

px.setTenNV(PXnew.getTenNV());

return 1;

}

}

return -1;

}

\*/

private void btn\_exitActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

dispose();

}

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

// TODO add your handling code here:

}

private void btn\_XoaActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

int removeIndex = table\_px.getSelectedRow();

if(removeIndex == -1){

JOptionPane.showMessageDialog(rootPane, "Chọn 1 dòng rồi nhấn nút xóa!");

}

else if(ListPX.size() == 0){

JOptionPane.showMessageDialog(rootPane, "Không có thông tin để xóa!");

}

else{

}

}

private void table\_pxMouseClicked(java.awt.event.MouseEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @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(QuanLyPhieuXuat.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(QuanLyPhieuXuat.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 QuanLyPhieuXuat().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btn\_Sua;

private javax.swing.JButton btn\_Them;

private javax.swing.JButton btn\_Xoa;

private javax.swing.JButton btn\_exit;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable table\_px;

private javax.swing.JTextField txtMaPX;

private javax.swing.JTextField txtNgayXuat;

private javax.swing.JTextField txtSoLuongXuat;

private javax.swing.JTextField txtTenKhachHang;

private javax.swing.JTextField txtTenNhanVien;

// End of variables declaration

}

Biểu đồ lớp và hình dung màn hình



