**Login.java**

import java.awt.Toolkit;

import java.awt.event.WindowEvent;

import javax.swing.JOptionPane;

import java.awt.\*;

import java.util.Calendar;

import java.util.GregorianCalendar;

public class Login extends javax.swing.JFrame {

public Login() {

initComponents();

CurrentDate();

}

public void CurrentDate(){

Calendar cal = new GregorianCalendar();

int month= cal.get(Calendar.MONTH);

int year= cal.get(Calendar.YEAR);

int day = cal.get(Calendar.DAY\_OF\_MONTH);

jLabel5.setText("Date"+" : "+day+"/"+(month +1)+"/"+year);

int second =cal.get(Calendar.SECOND);

int minute =cal.get(Calendar.MINUTE);

int hour =cal.get(Calendar.HOUR);

jLabel6.setText("Time"+" : "+hour+":"+(minute));

}

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

cancelbutton = new javax.swing.JToggleButton();

enterbutton = new javax.swing.JToggleButton();

passwordtextfield = new javax.swing.JPasswordField();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

usernametextfield = new javax.swing.JTextField();

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

jPanel1.setBackground(new java.awt.Color(117, 176, 220));

jLabel1.setFont(new java.awt.Font("Gill Sans MT", 1, 20)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 255, 255));

jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel1.setText("LOGIN");

jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 255, 255));

jLabel3.setText(" Username");

jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N

jLabel4.setForeground(new java.awt.Color(255, 255, 255));

jLabel4.setText(" Password");

cancelbutton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/exit-icon-3.png")));

cancelbutton.setBorderPainted(false);

cancelbutton.setContentAreaFilled(false);

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

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

cancelbuttonActionPerformed(evt);

}

});

enterbutton.setBackground(new java.awt.Color(117, 176, 220));

enterbutton.setFont(new java.awt.Font("Gill Sans MT", 1, 14)); // NOI18N

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

enterbutton.setText("Login");

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

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

enterbuttonActionPerformed(evt);

} });

passwordtextfield.setBackground(new java.awt.Color(226, 239, 248));

passwordtextfield.setBorder(javax.swing.BorderFactory.createEtchedBorder());

passwordtextfield.setPreferredSize(new java.awt.Dimension(4, 16));

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

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

passwordtextfieldActionPerformed(evt);

}

});

jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N

jLabel6.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N

jLabel7.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/icon/payroll-employee.png")));

usernametextfield.setBackground(new java.awt.Color(226, 239, 248));

usernametextfield.setBorder(javax.swing.BorderFactory.createEtchedBorder());

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

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(cancelbutton)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 99, Short.MAX\_VALUE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 118, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 117, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(13, 13, 13))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(119, 119, 119)

.addComponent(jLabel2)

.addGap(58, 58, 58)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

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

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

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(enterbutton, javax.swing.GroupLayout.PREFERRED\_SIZE, 200, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(45, 45, 45)

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

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

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, 76, Short.MAX\_VALUE))

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

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

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

.addComponent(usernametextfield))))

.addGap(111, 111, 111))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(20, 20, 20)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(26, 26, 26)

.addComponent(jLabel2))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 53, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(18, 18, 18)

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

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 37, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(usernametextfield, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, 30, Short.MAX\_VALUE)

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

.addGap(18, 18, 18)

.addComponent(enterbutton, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(66, 66, 66)

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

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

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

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 24, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap())

.addComponent(cancelbutton, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 49, javax.swing.GroupLayout.PREFERRED\_SIZE)))

);

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>

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

try{

String username = usernametextfield.getText();

char[] password = passwordtextfield.getPassword();

String pwd = new String (password);

if(username.equals("admin") && (pwd.equals("123"))){

close();

Main m = new Main();

m.setVisible(true);

}else{

JOptionPane.showMessageDialog(null, "Username and Password are not Valid.\nClick OK and try agian.", "Wrong Pass", JOptionPane.ERROR\_MESSAGE);

}

}catch(Exception e){

System.out.println(e.getMessage());

}

}

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

close();

}

public static void main(String args[]) {

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(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

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

public void run() {

new Login().setVisible(true);

}

});

}

private javax.swing.JToggleButton cancelbutton;

private javax.swing.JToggleButton enterbutton;

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.JPasswordField passwordtextfield;

private javax.swing.JTextField usernametextfield;

private void close(){

WindowEvent winClosing = new WindowEvent(this,WindowEvent.WINDOW\_CLOSING);

Toolkit.getDefaultToolkit().getSystemEventQueue().postEvent(winClosing);

}

}