/\*Login Page\*/

package PBL;

import java.sql.\*;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import javax.swing.JComboBox;

import javax.swing.DefaultComboBoxModel;

import javax.swing.ImageIcon;

import java.awt.Color;

import javax.swing.JPasswordField;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class ALEGRIA{

private JFrame frame;

private JTextField textField;

private JPasswordField passwordField;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

ALEGRIA window = new ALEGRIA();

window.frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

Connection connection = null;

private JLabel textField\_1,textField\_2,textField\_3,textField\_4,textField\_5;

/\*\*

\* Create the application.

\*/

public ALEGRIA() {

initialize();

connection = sqliteConnection.dbConnector();

}

/\*

\* Initialize the contents of the frame.

\*/

private void initialize() {

frame = new JFrame();

frame.getContentPane().setForeground(Color.ORANGE);

frame.setTitle(" ID-CARD GENERATOR FOR ALEGRIA");

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.setBackground(Color.BLUE);

frame.setForeground(Color.BLUE);

frame.getContentPane().setBackground(Color.ORANGE);

frame.getIconImage();

frame.setBounds(100, 100, 450, 378);

frame.getContentPane().setLayout(null);

JLabel lblUsername = new JLabel("USERNAME");

lblUsername.setBounds(10, 14, 74, 14);

lblUsername.setLabelFor(frame);

frame.getContentPane().add(lblUsername);

lblUsername.setToolTipText("Type your unique username");

JLabel lblPassword = new JLabel("PASSWORD");

lblPassword.setBounds(10, 94, 74, 14);

frame.getContentPane().add(lblPassword);

textField = new JTextField();

textField.setBounds(94, 11, 103, 20);

frame.getContentPane().add(textField);

textField.setColumns(10);

JComboBox<Object> comboBox = new JComboBox<Object>();

comboBox.setModel(new DefaultComboBoxModel<Object>(new String[] {"", "CS", "IT", "MECH", "ETRX", "EXTC", "AUTOMOBILE"}));

comboBox.setToolTipText("Drag and select your option");

comboBox.setBounds(94, 165, 103, 22);

frame.getContentPane().add(comboBox);

JLabel lblBranch = new JLabel("BRANCH");

lblBranch.setBounds(10, 169, 74, 14);

frame.getContentPane().add(lblBranch);

textField\_1 = new JLabel("");

textField\_1.setBounds(338, 241, 86, 20);

frame.getContentPane().add(textField\_1);

textField\_2 = new JLabel("");

textField\_2.setBounds(240, 11, 46, 14);

frame.getContentPane().add(textField\_2);

textField\_3 = new JLabel("");

textField\_3.setBounds(338, 241, 86, 20);

frame.getContentPane().add(textField\_3);

textField\_4 = new JLabel("");

textField\_4.setBounds(338, 241, 86, 20);

frame.getContentPane().add(textField\_4);

textField\_5 = new JLabel("");

textField\_5.setBounds(338, 241, 86, 20);

frame.getContentPane().add(textField\_5);

JButton btnLogin = new JButton("LOGIN");

btnLogin.addActionListener(new ActionListener() {

@SuppressWarnings("deprecation")

public void actionPerformed(ActionEvent arg0) {

try {

String query ="select \* from alegria where branch=? and username=? and password=?";

PreparedStatement pst = connection.prepareStatement(query);

pst.setString(2, textField.getText());

pst.setString(3, passwordField.getText());

pst.setString(1, (String) comboBox.getSelectedItem());

PreparedStatement pst1 = connection.prepareStatement(query);

pst1.setString(2, textField.getText());

pst1.setString(3, passwordField.getText());

pst1.setString(1, (String) comboBox.getSelectedItem());

ResultSet rs = pst.executeQuery();

ResultSet rs1 = pst1.executeQuery();

int count=0;

while(rs1.next())

{

count++;

}

if(count==1 && rs.next())

{

JOptionPane.showMessageDialog(null, "Valid Login Credentials","Login Successful",JOptionPane.INFORMATION\_MESSAGE);

String s1=rs.getString("Name");

textField\_1.setText(s1);

String s2=rs.getString("D\_O\_B");

textField\_2.setText(s2);

String s3 = rs.getString("Events\_Selected");

textField\_3.setText(s3);

String s4 = rs.getString("Age");

textField\_4.setText(s4);

String s5 = rs.getString("Branch");

textField\_5.setText(s5);

byte[] imagedata = rs.getBytes("Image");

ImageIcon i = new ImageIcon(imagedata);

abc lol = new abc(textField\_1.getText(),textField\_2.getText(),textField\_3.getText(),textField\_4.getText(),textField\_5.getText(),i);

lol.setVisible(true);

frame.setVisible(false);

}

else if(count>1)

{

JOptionPane.showMessageDialog(null, "Duplicate Identity Invalid","Login Error",JOptionPane.ERROR\_MESSAGE);

}

else

{

JOptionPane.showMessageDialog(null, "Invalid Login Credentials","Login Error",JOptionPane.ERROR\_MESSAGE);

}

rs.close();

pst.close();

rs1.close();

pst1.close();

}

catch(Exception e)

{

JOptionPane.showMessageDialog(null, e);

}

}

});

btnLogin.setBounds(23, 267, 89, 28);

frame.getContentPane().add(btnLogin);

JButton btnReset = new JButton("RESET");

btnReset.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

textField.setText(null);

passwordField.setText(null);

comboBox.setModel(new DefaultComboBoxModel<Object>(new String[] {"", "CS", "IT", "MECH", "ETRX", "EXTC", "AUTOMOBILE"}));

comboBox.setToolTipText(null);

}

});

btnReset.setBounds(143, 267, 89, 28);

frame.getContentPane().add(btnReset);

JButton btnRegister = new JButton("REGISTER");

btnRegister.setBounds(262,267,98,28);

frame.getContentPane().add(btnRegister);

btnRegister.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

InsertSQL.main(null);

}

});

passwordField = new JPasswordField();

passwordField.setBounds(94, 91, 103, 20);

frame.getContentPane().add(passwordField);

JLabel lblNewLabel = new JLabel("");

lblNewLabel.setIcon(new ImageIcon("C:\\Users\\nairh\\Desktop\\pbl 17-18\\1497424580meslogo.png"));

lblNewLabel.setBounds(240, 21, 160, 209);

frame.getContentPane().add(lblNewLabel);

}

}

/\*Main Page\*/

package PBL;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.JLabel;

import java.awt.Font;

import javax.swing.Icon;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.Toolkit;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.Color;

import javax.swing.SwingConstants;

import java.awt.SystemColor;

public class abc extends JFrame {

private JPanel contentPane;

private String ab,cd,ef,gh,ij;

private Icon kl;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

abc frame1 = new abc(null,null,null,null,null,null);

frame1.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public abc(String s,String s1,String s2, String s3, String s4, Object object) {

setTitle(" ID CARD DETAILS");

setIconImage(Toolkit.getDefaultToolkit().getImage("C:\\Users\\nairh\\Desktop\\pbl 17-18\\1497424580meslogo.png"));

this.ab=s;

this.cd=s1;

this.ef=s2;

this.gh=s3;

this.ij=s4;

this.kl=(Icon) object;

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 441,449);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

JLabel label = new JLabel("");

label.setHorizontalAlignment(SwingConstants.LEFT);

label.setForeground(Color.YELLOW);

label.setFont(new Font("Malgun Gothic", Font.BOLD | Font.ITALIC, 20));

label.setBounds(90, 11, 213, 27);

contentPane.add(label);

label.setText(this.ab);

JLabel lblName = new JLabel("Name:");

lblName.setForeground(SystemColor.text);

lblName.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));

lblName.setBounds(10, 11, 67, 27);

contentPane.add(lblName);

JLabel lblDob = new JLabel("D.O.B:");

lblDob.setForeground(SystemColor.text);

lblDob.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));

lblDob.setBounds(10, 85, 67, 28);

contentPane.add(lblDob);

JLabel label\_1 = new JLabel("");

label\_1.setHorizontalAlignment(SwingConstants.LEFT);

label\_1.setForeground(Color.YELLOW);

label\_1.setFont(new Font("Malgun Gothic", Font.BOLD | Font.ITALIC, 20));

label\_1.setBounds(100, 85, 213, 28);

contentPane.add(label\_1);

label\_1.setText(this.cd);

JLabel lblEventsSelected = new JLabel("Events Selected:");

lblEventsSelected.setForeground(SystemColor.text);

lblEventsSelected.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));

lblEventsSelected.setBounds(10, 321, 177, 30);

contentPane.add(lblEventsSelected);

JLabel label\_2 = new JLabel("");

label\_2.setHorizontalAlignment(SwingConstants.LEFT);

label\_2.setForeground(Color.YELLOW);

label\_2.setFont(new Font("Malgun Gothic", Font.BOLD | Font.ITALIC, 20));

label\_2.setBounds(197, 299, 228, 68);

contentPane.add(label\_2);

label\_2.setText(this.ef);

JLabel lblAge = new JLabel("Age:");

lblAge.setForeground(SystemColor.text);

lblAge.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));

lblAge.setBounds(10, 159, 57, 33);

contentPane.add(lblAge);

JLabel label\_3 = new JLabel("");

label\_3.setForeground(Color.YELLOW);

label\_3.setFont(new Font("Malgun Gothic", Font.BOLD | Font.ITALIC, 20));

label\_3.setBounds(73, 159, 157, 30);

contentPane.add(label\_3);

label\_3.setText(this.gh);

JLabel lblBranch = new JLabel("Branch:");

lblBranch.setForeground(SystemColor.text);

lblBranch.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));

lblBranch.setBounds(7, 231, 89, 40);

contentPane.add(lblBranch);

JLabel label\_4 = new JLabel("");

label\_4.setHorizontalAlignment(SwingConstants.LEFT);

label\_4.setForeground(Color.YELLOW);

label\_4.setFont(new Font("Malgun Gothic", Font.BOLD | Font.ITALIC, 20));

label\_4.setBounds(106, 234, 143, 37);

contentPane.add(label\_4);

label\_4.setText(this.ij);

JButton btnBack = new JButton("BACK");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

ALEGRIA.main(null);

}

});

btnBack.setBounds(171, 376, 89, 23);

getContentPane().add(btnBack);

JLabel label\_6 = new JLabel("");

label\_6.setBounds(248, 11, 177, 166);

contentPane.add(label\_6);

label\_6.setIcon(kl);

JLabel label\_5 = new JLabel("");

label\_5.setIcon(new ImageIcon("C:\\Users\\nairh\\Desktop\\pbl 17-18\\alg-1.png"));

label\_5.setBounds(-28, -28, 468, 492);

contentPane.add(label\_5);

}

}

/\*SQL Driver\*/

package PBL;

import java.sql.\*;

import javax.swing.\*;

public class sqliteConnection {

Connection conn = null;

public static Connection dbConnector()

{

try {

Class.forName("org.sqlite.JDBC");

Connection conn = DriverManager.getConnection("jdbc:sqlite:C:\\Users\\nairh\\Desktop\\pbl 17-18\\pbl 17-18.sqlite");

return conn;

}catch(Exception e)

{

JOptionPane.showMessageDialog(null, e);

return null;

}

}

}

/\*New Registration Page\*/

package PBL;

import java.awt.EventQueue;

import java.awt.Window;

import java.sql.\*;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.io.ByteArrayOutputStream;

import java.io.File;

import java.io.FileInputStream;

import java.awt.event.ActionEvent;

import javax.swing.JComboBox;

import javax.swing.JFileChooser;

import javax.swing.DefaultComboBoxModel;

import java.awt.Color;

public class InsertSQL extends JFrame {

private JPanel contentPane;

private JTextField textField;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

InsertSQL frame = new InsertSQL();

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

Connection connect = null;

private JTextField textField\_1;

private JLabel textField\_2;

private JTextField textField\_3;

private JTextField textField\_4;

private JTextField textField\_5;

String filename = null;

int s = 0;

byte[] person\_image=null;

/\*\*

\* Create the frame.

\*/

public InsertSQL() {

setTitle(" ENTER DETAILS");

initialize();

connect=sqliteConnection.dbConnector();

}

private void initialize()

{

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 378);

contentPane = new JPanel();

contentPane.setBackground(Color.ORANGE);

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

JLabel lblEnterName = new JLabel("NAME:");

lblEnterName.setBounds(10, 11, 88, 14);

contentPane.add(lblEnterName);

textField = new JTextField();

textField.setBounds(108, 8, 203, 20);

contentPane.add(textField);

textField.setColumns(10);

JComboBox comboBox = new JComboBox();

comboBox.setModel(new DefaultComboBoxModel(new String[] {"", "CS", "IT", "EXTC", "ETRX", "MECH", "AUTOMOBILE"}));

comboBox.setBounds(108, 154, 104, 22);

contentPane.add(comboBox);

JComboBox comboBox1 = new JComboBox();

comboBox1.setModel(new DefaultComboBoxModel(new String[] {"", "FIFA19", "CRICKET", "BADMINTON", "FOOTBALL", "TREASUREHUNT", "PUBG"}));

comboBox1.setBounds(108, 106, 104, 22);

contentPane.add(comboBox1);

JLabel lblEnterDob = new JLabel("D.O.B:");

lblEnterDob.setToolTipText("DD-MM-YYYY");

lblEnterDob.setBounds(10, 62, 74, 14);

contentPane.add(lblEnterDob);

textField\_1 = new JTextField();

textField\_1.setBounds(108, 59, 203, 20);

contentPane.add(textField\_1);

textField\_1.setColumns(11);

textField\_2 = new JLabel("");

textField\_2.setBounds(108, 108, 203, 20);

contentPane.add(textField\_2);

JLabel lblEnterEvents = new JLabel("EVENTS:");

lblEnterEvents.setBounds(10, 108, 88, 14);

contentPane.add(lblEnterEvents);

JLabel lblBranch = new JLabel("BRANCH:");

lblBranch.setBounds(10, 158, 74, 14);

contentPane.add(lblBranch);

JButton btnEnter = new JButton("ENTER");

btnEnter.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

try {

String s1= textField\_1.getText(); int s2=2018;

String query = "insert into alegria(Name,D\_O\_B,Age,Events\_Selected,Branch,Username,Password,Image)values(?,?,?,?,?,?,?,?)";

PreparedStatement stmt= connect.prepareStatement(query);

stmt.setString(1, textField.getText());

stmt.setString(2, s1);

stmt.setString(4, (String)comboBox1.getSelectedItem());

int s3= Integer.parseInt(s1.substring(6, 10));

int s4=s2-s3;

String s5=Integer.toString(s4);

stmt.setString(3, s5);

stmt.setString(5, (String)comboBox.getSelectedItem());

stmt.setString(6, textField\_3.getText());

stmt.setString(7, textField\_4.getText());

stmt.setBytes(8, person\_image);

stmt.execute();

connect.close();

ALEGRIA.main(null);

}catch(Exception e)

{

JOptionPane.showMessageDialog(null, e);

}

}

});

btnEnter.setBounds(335, 305, 89, 23);

contentPane.add(btnEnter);

JLabel lblUsername = new JLabel("USERNAME:");

lblUsername.setBounds(10, 201, 74, 14);

contentPane.add(lblUsername);

textField\_3 = new JTextField();

textField\_3.setBounds(108, 198, 203, 20);

contentPane.add(textField\_3);

textField\_3.setColumns(10);

JLabel lblPassword = new JLabel("PASSWORD:");

lblPassword.setBounds(10, 246, 74, 14);

contentPane.add(lblPassword);

textField\_4 = new JTextField();

textField\_4.setBounds(108, 243, 203, 20);

contentPane.add(textField\_4);

textField\_4.setColumns(10);

JButton btnAttach = new JButton("ATTACH");

btnAttach.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

JFileChooser chooser = new JFileChooser();

chooser.showOpenDialog(null);

File f = chooser.getSelectedFile();

filename = f.getAbsolutePath();

textField\_5.setText(filename);

try {

File image = new File(filename);

FileInputStream fis = new FileInputStream(image);

ByteArrayOutputStream bos = new ByteArrayOutputStream();

byte[] buf = new byte[1024];

for(int readNum=0; (readNum=fis.read(buf))!=-1;) {

bos.write(buf,0,readNum);

}

person\_image=bos.toByteArray();

}catch(Exception e)

{

JOptionPane.showMessageDialog(null, e);

}

}

});

btnAttach.setBounds(9, 305, 89, 23);

contentPane.add(btnAttach);

textField\_5 = new JTextField();

textField\_5.setBounds(108, 306, 203, 20);

contentPane.add(textField\_5);

textField\_5.setColumns(10);

JButton btnReset = new JButton("RESET");

btnReset.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

textField.setText(null);

textField\_1.setText(null);

textField\_3.setText(null);

textField\_4.setText(null);

comboBox.setModel(new DefaultComboBoxModel(new String[] {"", "CS", "IT", "EXTC", "ETRX", "MECH", "AUTOMOBILE"}));

comboBox.setBounds(108, 154, 104, 22);

comboBox1.setModel(new DefaultComboBoxModel(new String[] {"", "FIFA19", "CRICKET", "BADMINTON", "FOOTBALL", "TREASUREHUNT", "PUBG"}));

comboBox1.setBounds(108, 106, 104, 22);

textField\_5.setText(null);

}

});

btnReset.setBounds(335, 271, 89, 23);

contentPane.add(btnReset);

}

}