Develop and implement GUI for managing Employee Details using concept of Files

//EmployeeFile.java

import java.awt.Color;

import java.awt.Dimension;

import java.awt.GridLayout;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.io.File;

import java.io.FileWriter;

import java.io.IOException;

import javax.swing.BorderFactory;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import javax.swing.JTextField;

public class EmployeeFile {

private static Color black;

public static void main(String[] args) {

JFrame frameobj = new JFrame(); // creating frame

frameobj.setSize(500, 500); // declaring frame size

GridLayout g1 = new GridLayout(5, 2); // layout of the frame

frameobj.setLayout(g1); // layout is set to the frame created

JPanel p1 = new JPanel(); // creating panels

JPanel p2 = new JPanel();

JPanel p3 = new JPanel();

JPanel p4 = new JPanel();

JPanel p5 = new JPanel();

JPanel p6 = new JPanel();

JPanel p7 = new JPanel();

JPanel p8 = new JPanel();

JPanel p9 = new JPanel();

JPanel p10 = new JPanel();

JLabel l1 = new JLabel("NAME"); // creating labels

JLabel l2 = new JLabel("ID");

JLabel l3 = new JLabel("DOJ");

JLabel l4 = new JLabel("DOB");

JTextField f1 = new JTextField(); // create obj for txtfield

JTextField f2 = new JTextField();

JTextField f3 = new JTextField();

JTextField f4 = new JTextField();

f1.setPreferredSize(new Dimension(200, 30)); // size of txtfield

f2.setPreferredSize(new Dimension(200, 30));

f3.setPreferredSize(new Dimension(200, 30));

f4.setPreferredSize(new Dimension(200, 30));

JButton b1 = new JButton("SUBMIT");

JButton b2 = new JButton("RESET");

b1.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent e) {

File fileobj = new File("/home/student/Desktop/file.txt");

try {

FileWriter fw = new FileWriter(fileobj.getAbsoluteFile(), true);

System.out.println("\n NAME : " + f1.getText() + "\n" + "ID : "

+ f2.getText() + "\n" + "DOJ :" + f3.getText() + "\n" + "DOB: " + f4.getText() + "\n");

fw.write("Name: " + f1.getText() + "\n" + "ID: " + f2.getText()

+ "\n" + "DOJ: " + f3.getText() + "\n" + "DOB: " + f4.getText() + "\n");

fw.close();

} catch (IOException e1) {

e1.printStackTrace();

}

}

});

b2.addActionListener(new ActionListener() {

@Override

public void actionPerformed(ActionEvent e) {

f1.setText("");

f2.setText(null);

f3.setText(null);

f4.setText(null);

}

});

p1.add(l1); // add labels to panels where labels=name,id,doj,dob

p3.add(l2);

p5.add(l3);

p7.add(l4);

p2.add(f1); // add textfield to panels where txtfield is user defined

p4.add(f2);

p6.add(f3);

p8.add(f4);

p9.add(b1); // add buttons to panel

p10.add(b2);

// l1.setBorder(BorderFactory.createLineBorder(Color.black));

l1.setBorder(BorderFactory.createLineBorder(black, 10));

l2.setBorder(BorderFactory.createLineBorder(black, 10));

l3.setBorder(BorderFactory.createLineBorder(black, 10));

l4.setBorder(BorderFactory.createLineBorder(black, 10));

frameobj.add(p1); // add panels to frames

frameobj.add(p2);

frameobj.add(p3);

frameobj.add(p4);

frameobj.add(p5);

frameobj.add(p6);

frameobj.add(p7);

frameobj.add(p8);

frameobj.add(p9);

frameobj.add(p10);

frameobj.setVisible(true);

}

} https://github.com/Veeragoutham04/Java\_Lab/blob/main/Employee\_File

