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01 package GUILayer;
02 import Modellayer.*;
03 import Controllayer.*;
04 import java.awt.EventQueue;
05 import java.awt.event.ActionListener;
06 import java.awt.event.ActionEvent;
07
08 import javax.swing.JFrame;
09 import javax.swing.JPanel;
10 import javax.swing.JDesktopPane;
11 import javax.swing.border.TitledBorder;
12 import javax.swing.JLabel;
13 import javax.swing.SwingConstants;
14 import javax.swing.JTextField;
15 import javax.swing.JButton;
16 import javax.swing.JTable;
17 import javax.swing.ListSelectionModel;
18 import javax.swing.table.DefaultTableModel;
19
20
21 public class GUIEmployee {
22
23     private JFrame frame;
24     private JTextField txtWriteID;
25     private JTextField txtWriteFname;
26     private JTextField txtWriteLname;
27     private JTextField textField;
28     private JTextField textField_1;
29     private JTextField textField_2;
30     private JTextField textField_3;
31     private JTextField textField_4;
32     private JTextField textField_5;
33     private JTextField textField_6;
34     private JTextField textField_7;
35
36     /**
37      * Launch the application.
38      */
39     public static void main(String[] args) {
40         EventQueue.invokeLater(new Runnable() {
41             public void run() {
42                 try {
43                     GUIEmployee window = new GUIEmployee();
44                     window.frame.setVisible(true);
45                 } catch (Exception e) {
46                     e.printStackTrace();
47                 }
48             }
49         });
50     }
51
52     /**
53      * Create the application.
54      */
55     public GUIEmployee() {
56         initialize();
57     }
58
59     /**
60      * Initialize the contents of the frame.
61      */
62     private void initialize() {
63         frame = new JFrame();
64         frame.setBounds(100, 100, 800, 500);

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```
65     frame.setTitle("Employee");
66     frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
67     frame.getContentPane().setLayout(null);
68
69     JPanel Opret = new JPanel();
70     Opret.setBorder(new TitledBorder(null, "Opret medarbejder",
71     TitledBorder.LEADING, TitledBorder.TOP, null, null));
72     Opret.setBounds(10, 11, 414, 295);
73     frame.getContentPane().add(Opret);
74     Opret.setLayout(null);
75
76     JLabel lblID = new JLabel("ID:");
77     lblID.setBounds(10, 22, 103, 14);
78     Opret.add(lblID);
79
80     JLabel lblFname = new JLabel("Fornavn:");
81     lblFname.setBounds(10, 47, 103, 14);
82     Opret.add(lblFname);
83
84     JLabel lblLname = new JLabel("Efternavn:");
85     lblLname.setBounds(10, 72, 103, 14);
86     Opret.add(lblLname);
87
88     JLabel lblAddress = new JLabel("Adresse:");
89     lblAddress.setBounds(10, 97, 103, 14);
90     Opret.add(lblAddress);
91
92     JLabel lblZipCode = new JLabel("Post Nr.:");
93     lblZipCode.setBounds(10, 122, 103, 14);
94     Opret.add(lblZipCode);
95
96     JLabel lblCity = new JLabel("By:");
97     lblCity.setBounds(10, 147, 103, 14);
98     Opret.add(lblCity);
99
100    JLabel lblPhoneNo = new JLabel("Telefon Nr.:");
101    lblPhoneNo.setBounds(10, 172, 103, 14);
102    Opret.add(lblPhoneNo);
103
104    JLabel lblEmail = new JLabel("Email:");
105    lblEmail.setBounds(10, 197, 103, 14);
106    Opret.add(lblEmail);
107
108    textField = new JTextField();
109    textField.setBounds(123, 19, 86, 20);
110    Opret.add(textField);
111    textField.setColumns(10);
112
113    textField_1 = new JTextField();
114    textField_1.setBounds(123, 44, 214, 20);
115    Opret.add(textField_1);
116    textField_1.setColumns(10);
117
118    textField_2 = new JTextField();
119    textField_2.setBounds(123, 69, 214, 20);
120    Opret.add(textField_2);
121    textField_2.setColumns(10);
122
123    textField_3 = new JTextField();
124    textField_3.setBounds(123, 94, 281, 20);
125    Opret.add(textField_3);
126    textField_3.setColumns(10);
127
128    textField_4 = new JTextField();
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129     textField_4.setBounds(123, 119, 86, 20);
130     Opret.add(textField_4);
131     textField_4.setColumns(10);
132
133     textField_5 = new JTextField();
134     textField_5.setBounds(123, 144, 140, 20);
135     Opret.add(textField_5);
136     textField_5.setColumns(10);
137
138     textField_6 = new JTextField();
139     textField_6.setBounds(123, 169, 140, 20);
140     Opret.add(textField_6);
141     textField_6.setColumns(10);
142
143     textField_7 = new JTextField();
144     textField_7.setBounds(123, 194, 281, 20);
145     Opret.add(textField_7);
146     textField_7.setColumns(10);
147
148     JButton btnOpret = new JButton("Opret");
149     btnOpret.addActionListener(new ActionListener() {
150         public void actionPerformed(ActionEvent arg0)
151         {
152             try
153             {
154                 CTREmployee ctrEmp = CTREmployee();
155
156                 int employeeID = Integer.parseInt(textField.getText());
157                 String fname = textField_1.getText();
158                 String lname = textField_2.getText();
159                 String address = textField_3.getText();
160
161                 int zipCode = Integer.parseInt(textField.getText());
162                 String city = textField_4.getText();
163
164                 int phoneNo = Integer.parseInt(textField.getText());
165                 String email = textField_5.getText();
166
167                 ctrEmp.insertEmployee(employeeID, fname, lname, address,
168                                     zipCode, city, phoneNo, email);
169             }
170             catch(Exception e)
171             {
172                 System.out.println("Fejl");
173             }
174         }
175     });
176
177     btnOpret.setBounds(315, 261, 89, 23);
178     Opret.add(btnOpret);
179
180     JButton btnOpdater = new JButton("Opdater");
181     btnOpdater.setBounds(216, 261, 89, 23);
182     Opret.add(btnOpdater);
183
184     JPanel search = new JPanel();
185     search.setBorder(new TitledBorder(null, "S\u00F8g
186     medarbejder", TitledBorder.LEADING, TitledBorder.TOP, null,
187     null));
188     search.setBounds(10, 317, 414, 134);
189     frame.getContentPane().add(search);
190     search.setLayout(null);
191
192     JLabel lblSearchID = new JLabel("S\u00F8g efter ID:");

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189     lblSearchID.setBounds(10, 22, 106, 14);
190     search.add(lblSearchID);
191
192     JLabel lblSearchFname = new JLabel("S\u00F8g efter fornavn:");
193     lblSearchFname.setBounds(10, 47, 106, 14);
194     search.add(lblSearchFname);
195
196
197     JLabel lblSearchLname = new JLabel("S\u00F8g efter");
198     lblSearchLname.setBounds(10, 71, 106, 14);
199     search.add(lblSearchLname);
200
201
202     txtWriteID = new JTextField();
203     txtWriteID.setText("Skriv ID");
204     txtWriteID.setBounds(126, 19, 106, 20);
205     search.add(txtWriteID);
206     txtWriteID.setColumns(10);
207
208     txtWriteFname = new JTextField();
209     txtWriteFname.setText("Skriv fornavn");
210     txtWriteFname.setBounds(126, 44, 278, 20);
211     search.add(txtWriteFname);
212     txtWriteFname.setColumns(10);
213
214     txtWriteLname = new JTextField();
215     txtWriteLname.setText("Skriv efternavn");
216     txtWriteLname.setBounds(126, 68, 278, 20);
217     search.add(txtWriteLname);
218     txtWriteLname.setColumns(10);
219
220     JButton btnSg = new JButton("S\u00F8g");
221     btnSg.setBounds(315, 99, 89, 23);
222     search.add(btnSg);
223 }
224 }
```