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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.border.TitledBorder;
11 import javax.swing.JLabel;
12 import javax.swing.JTextField;
13 import javax.swing.JButton;
14
15
16 public class GUIEmployee {
17
18     private JFrame frame;
19     private JTextField txtWriteID;
20     private JTextField txtWriteFname;
21     private JTextField txtWriteLname;
22     private JTextField textField;
23     private JTextField textField_1;
24     private JTextField textField_2;
25     private JTextField textField_3;
26     private JTextField textField_4;
27     private JTextField textField_5;
28     private JTextField textField_6;
29     private JTextField textField_7;
30
31     /**
32      * Launch the application.
33      */
34     public static void main(String[] args) {
35         EventQueue.invokeLater(new Runnable() {
36             public void run() {
37                 try {
38                     GUIEmployee window = new GUIEmployee();
39                     window.frame.setVisible(true);
40                 } catch (Exception e) {
41                     e.printStackTrace();
42                 }
43             }
44         });
45     }
46
47     /**
48      * Create the application.
49      */
50     public GUIEmployee() {
51         initialize();
52     }
53
54     /**
55      * Initialize the contents of the frame.
56      */
57     private void initialize() {
58         frame = new JFrame();
59         frame.setBounds(100, 100, 800, 500);
60         frame.setTitle("Employee");
61         frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
62         frame.getContentPane().setLayout(null);
63
64         JPanel create = new JPanel();

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

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189         int phoneNo = Integer.parseInt(textField_6.getText());
190         System.out.println("+" + phoneNo + "+");
191         String email = textField_7.getText();
192         System.out.println("+" + email + "+");
193         int result = ctrEmp.updateEmployee(employeeID, fname,
194         lname, address, zipCode, city, phoneNo, email);
195     }
196 });
197 btnOpdater.setBounds(216, 261, 89, 23);
198 create.add(btnOpdater);
199
200 JPanel search = new JPanel();
201 search.setBorder(new TitledBorder(null, "S\u00F8g
202 medarbejder", TitledBorder.LEADING, TitledBorder.TOP, null,
203 null));
204 search.setBounds(10, 317, 414, 134);
205 frame.getContentPane().add(search);
206 search.setLayout(null);
207
208 JLabel lblSearchID = new JLabel("S\u00F8g efter ID:");
209 lblSearchID.setBounds(10, 22, 106, 14);
210 search.add(lblSearchID);
211
212 JLabel lblSearchFname = new JLabel("S\u00F8g efter fornavn:
213 ");
214 lblSearchFname.setBounds(10, 47, 106, 14);
215 search.add(lblSearchFname);
216
217 JLabel lblSearchLname = new JLabel("S\u00F8g efter
218 efternavn:");
219 lblSearchLname.setBounds(10, 71, 106, 14);
220 search.add(lblSearchLname);
221
222 txtWriteID = new JTextField();
223 txtWriteID.setText("Skriv ID");
224 txtWriteID.setBounds(126, 19, 106, 20);
225 search.add(txtWriteID);
226 txtWriteID.setColumns(10);
227
228 txtWriteFname = new JTextField();
229 txtWriteFname.setText("Skriv fornavn");
230 txtWriteFname.setBounds(126, 44, 278, 20);
231 search.add(txtWriteFname);
232 txtWriteFname.setColumns(10);
233
234 txtWriteLname = new JTextField();
235 txtWriteLname.setText("Skriv efternavn");
236 txtWriteLname.setBounds(126, 68, 278, 20);
237 search.add(txtWriteLname);
238 txtWriteLname.setColumns(10);
239
240 JButton btnSg = new JButton("S\u00F8g");
241 btnSg.setBounds(315, 99, 89, 23);
242 search.add(btnSg);
243 }
244 }

```