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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 Opret = new JPanel();

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

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

```