

FrameX.java

```

1 package pacOrg;
2
3 import java.awt.Color;
4 import java.awt.EventQueue;
5 import java.awt.Font;
6 import java.awt.GridBagConstraints;
7 import java.awt.GridBagLayout;
8 import java.awt.Image;
9 import java.awt.Insets;
10 import java.awt.Panel;
11 import java.awt.event.ActionEvent;
12 import java.awt.event.ActionListener;
13 import java.io.IOException;
14 import java.io.OutputStream;
15 import java.io.PrintStream;
16 import java.time.LocalDate;
17
18 import javax.swing.Icon;
19 import javax.swing.ImageIcon;
20 import javax.swing.JButton;
21 import javax.swing.JFrame;
22 import javax.swing.JLabel;
23 import javax.swing.JOptionPane;
24 import javax.swing.JScrollPane;
25 import javax.swing.JTextArea;
26 import javax.swing.JTextField;
27 import javax.swing.SwingConstants;
28 import java.awt.Button;
29
30 public class FrameX {
31
32     public Firma firma = new Firma();
33     public Mwain mwain = new Mwain();
34
35     private JFrame frmZubarskaOrdinacijaCandir;
36     private JTextField textField_1;
37     private JTextField textField_0;
38     private JTextField textField_2;
39     private JTextField textField_3;
40     private JTextField textField_4;
41     private JTextField textField_5;
42     private JTextField textField_6;
43     private JTextField textField_7;
44     private JTextField textField_8;
45     private JTextField textField_9;
46     private JLabel lblLABELKRANJA;
47
48     /**
49      * Launch the application.
50      */
51     public static void main(String[] args) {
52         EventQueue.invokeLater(new Runnable() {
53             public void run() {
54                 try {
55                     FrameX window = new FrameX();
56                     window.frmZubarskaOrdinacijaCandir.setVisible(true);
57                     window.frmZubarskaOrdinacijaCandir.setResizable(false);
58
59                 } catch (Exception e) {
60                     e.printStackTrace();
61                 }
62             }
63         });
64     }
65 }

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63     });
64 }
65
66 // veoma bitan kod + pogledaj u konstruktoru.
67 class Console {
68
69     final JFrame frame = new JFrame();
70     public Console() {
71         JTextArea textArea = new JTextArea(24, 80);
72         textArea.setBackground(Color.BLACK);
73         textArea.setForeground(Color.LIGHT_GRAY);
74         textArea.setFont(new Font(Font.MONOSPACED, Font.PLAIN, 14));
75         System.setOut(new PrintStream(new OutputStream() {
76
77             @Override
78             public void write(int b) throws IOException {
79                 textArea.append(String.valueOf((char) b));
80
81             }
82         }));
83         frame.getContentPane().add(textArea);
84         frame.getContentPane().add(new JScrollPane(textArea,
85             JScrollPane.VERTICAL_SCROLLBAR_ALWAYS,
86             JScrollPane.HORIZONTAL_SCROLLBAR_ALWAYS));
87     }
88     public void init() {
89         frame.pack();
90         frame.setSize(1500, 400);
91         frame.setVisible(true);
92     }
93     public JFrame geJframe() {
94         return frame;
95     }
96 }
97
98 /**
99  * Create the application.
100 */
101 public FrameX() {
102     initialize();
103     //Console console = new Console();
104     // console.init();
105 }
106
107 /**
108  * Initialize the contents of the frame.
109 */
110 private void initialize() {
111     frmZubarskaOrdinacijaCandir = new JFrame();
112     frmZubarskaOrdinacijaCandir.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
113     frmZubarskaOrdinacijaCandir.setTitle("Zubarska ordinacija Candir");
114     frmZubarskaOrdinacijaCandir.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC,
115         12));
116     frmZubarskaOrdinacijaCandir.getContentPane().setBackground(new Color(211, 211,
117         211));
118     frmZubarskaOrdinacijaCandir.setBounds(100, 100, 895, 484);
119     frmZubarskaOrdinacijaCandir.getContentPane().setLayout(null);
120     frmZubarskaOrdinacijaCandir.setResizable(false);
121
122     Panel panel = new Panel();
123     panel.setForeground(new Color(255, 255, 255));

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122     panel.setBackground(new Color(60, 179, 113));
123     panel.setBounds(10, 10, 531, 245);
124     frmZubarskaOrdinacijaCandir.getContentPane().add(panel);
125     GridBagLayout gbl_panel = new GridBagLayout();
126     gbl_panel.columnWidths = new int[]{0, 0, 0, 0, 0, 0};
127     gbl_panel.rowHeights = new int[]{0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0};
128     gbl_panel.columnWeights = new double[]{0.0, 0.0, 0.0, 0.0, 1.0, Double.MIN_VALUE};
129     gbl_panel.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
0.0, Double.MIN_VALUE};
130     panel.setLayout(gbl_panel);
131
132     JLabel lblNewLabel = new JLabel("Broj Kartona");
133     lblNewLabel.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
134     lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
135     lblNewLabel.setToolTipText("Unesite samo broj");
136     GridBagConstraints gbc_lblNewLabel = new GridBagConstraints();
137     gbc_lblNewLabel.gridwidth = 4;
138     gbc_lblNewLabel.insets = new Insets(0, 0, 5, 5);
139     gbc_lblNewLabel.gridx = 0;
140     gbc_lblNewLabel.gridy = 0;
141     panel.add(lblNewLabel, gbc_lblNewLabel);
142
143     textField_0 = new JTextField();
144     lblNewLabel.setLabelFor(textField_0);
145     GridBagConstraints gbc_textField_0 = new GridBagConstraints();
146     gbc_textField_0.insets = new Insets(0, 0, 5, 0);
147     gbc_textField_0.fill = GridBagConstraints.HORIZONTAL;
148     gbc_textField_0.gridx = 4;
149     gbc_textField_0.gridy = 0;
150     panel.add(textField_0, gbc_textField_0);
151     textField_0.setColumns(10);
152
153     JLabel lblNewLabel_1 = new JLabel("Ime");
154     lblNewLabel_1.setHorizontalAlignment(SwingConstants.LEFT);
155     lblNewLabel_1.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
156     lblNewLabel_1.setToolTipText("Unesite ime pacijenta");
157     GridBagConstraints gbc_lblNewLabel_1 = new GridBagConstraints();
158     gbc_lblNewLabel_1.gridwidth = 4;
159     gbc_lblNewLabel_1.insets = new Insets(0, 0, 5, 5);
160     gbc_lblNewLabel_1.gridx = 0;
161     gbc_lblNewLabel_1.gridy = 1;
162     panel.add(lblNewLabel_1, gbc_lblNewLabel_1);
163
164     textField_1 = new JTextField();
165     lblNewLabel_1.setLabelFor(textField_1);
166     GridBagConstraints gbc_textField_1 = new GridBagConstraints();
167     gbc_textField_1.insets = new Insets(0, 0, 5, 0);
168     gbc_textField_1.fill = GridBagConstraints.HORIZONTAL;
169     gbc_textField_1.gridx = 4;
170     gbc_textField_1.gridy = 1;
171     panel.add(textField_1, gbc_textField_1);
172     textField_1.setColumns(10);
173
174     JLabel lblNewLabel_2 = new JLabel("Prezime");
175     lblNewLabel_2.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
176     lblNewLabel_2.setToolTipText("Unesite prezime pacijenta");
177     GridBagConstraints gbc_lblNewLabel_2 = new GridBagConstraints();
178     gbc_lblNewLabel_2.gridwidth = 4;
179     gbc_lblNewLabel_2.insets = new Insets(0, 0, 5, 5);
180     gbc_lblNewLabel_2.gridx = 0;
181     gbc_lblNewLabel_2.gridy = 2;
182     panel.add(lblNewLabel_2, gbc_lblNewLabel_2);

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183
184     textField_2 = new JTextField();
185     lblNewLabel_2.setLabelFor(textField_2);
186     GridBagConstraints gbc_textField_2 = new GridBagConstraints();
187     gbc_textField_2.insets = new Insets(0, 0, 5, 0);
188     gbc_textField_2.fill = GridBagConstraints.HORIZONTAL;
189     gbc_textField_2.gridx = 4;
190     gbc_textField_2.gridy = 2;
191     panel.add(textField_2, gbc_textField_2);
192     textField_2.setColumns(10);
193
194     JLabel lblNewLabel_3 = new JLabel("Alergije");
195     lblNewLabel_3.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
196     lblNewLabel_3.setToolTipText("Unesite alergije pacijenta");
197     GridBagConstraints gbc_lblNewLabel_3 = new GridBagConstraints();
198     gbc_lblNewLabel_3.gridwidth = 4;
199     gbc_lblNewLabel_3.insets = new Insets(0, 0, 5, 5);
200     gbc_lblNewLabel_3.gridx = 0;
201     gbc_lblNewLabel_3.gridy = 3;
202     panel.add(lblNewLabel_3, gbc_lblNewLabel_3);
203
204     textField_3 = new JTextField();
205     lblNewLabel_3.setLabelFor(textField_3);
206     GridBagConstraints gbc_textField_3 = new GridBagConstraints();
207     gbc_textField_3.insets = new Insets(0, 0, 5, 0);
208     gbc_textField_3.fill = GridBagConstraints.HORIZONTAL;
209     gbc_textField_3.gridx = 4;
210     gbc_textField_3.gridy = 3;
211     panel.add(textField_3, gbc_textField_3);
212     textField_3.setColumns(10);
213
214     JLabel lblNewLabel_4 = new JLabel("Hronicna Oboljenja");
215     lblNewLabel_4.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
216     lblNewLabel_4.setToolTipText("Unesite hronicna oboljenja pacijenta");
217     GridBagConstraints gbc_lblNewLabel_4 = new GridBagConstraints();
218     gbc_lblNewLabel_4.gridwidth = 4;
219     gbc_lblNewLabel_4.insets = new Insets(0, 0, 5, 5);
220     gbc_lblNewLabel_4.gridx = 0;
221     gbc_lblNewLabel_4.gridy = 4;
222     panel.add(lblNewLabel_4, gbc_lblNewLabel_4);
223
224     textField_4 = new JTextField();
225     lblNewLabel_4.setLabelFor(textField_4);
226     GridBagConstraints gbc_textField_4 = new GridBagConstraints();
227     gbc_textField_4.insets = new Insets(0, 0, 5, 0);
228     gbc_textField_4.fill = GridBagConstraints.HORIZONTAL;
229     gbc_textField_4.gridx = 4;
230     gbc_textField_4.gridy = 4;
231     panel.add(textField_4, gbc_textField_4);
232     textField_4.setColumns(10);
233
234     JLabel lblNewLabel_5 = new JLabel("Godiste");
235     lblNewLabel_5.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
236     lblNewLabel_5.setToolTipText("Unesite godinu rođenja pacijenta");
237     GridBagConstraints gbc_lblNewLabel_5 = new GridBagConstraints();
238     gbc_lblNewLabel_5.gridwidth = 4;
239     gbc_lblNewLabel_5.insets = new Insets(0, 0, 5, 5);
240     gbc_lblNewLabel_5.gridx = 0;
241     gbc_lblNewLabel_5.gridy = 5;
242     panel.add(lblNewLabel_5, gbc_lblNewLabel_5);
243
244     textField_5 = new JTextField();

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245 lblNewLabel_5.setLabelFor(textField_5);
246 GridBagConstraints gbc_textField_5 = new GridBagConstraints();
247 gbc_textField_5.insets = new Insets(0, 0, 5, 0);
248 gbc_textField_5.fill = GridBagConstraints.HORIZONTAL;
249 gbc_textField_5.gridx = 4;
250 gbc_textField_5.gridy = 5;
251 panel.add(textField_5, gbc_textField_5);
252 textField_5.setColumns(10);
253
254 JLabel lblNewLabel_6 = new JLabel("JMBG");
255 lblNewLabel_6.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
256 lblNewLabel_6.setToolTipText("Unesite jmbg pacijenta");
257 GridBagConstraints gbc_lblNewLabel_6 = new GridBagConstraints();
258 gbc_lblNewLabel_6.gridwidth = 4;
259 gbc_lblNewLabel_6.insets = new Insets(0, 0, 5, 5);
260 gbc_lblNewLabel_6.gridx = 0;
261 gbc_lblNewLabel_6.gridy = 6;
262 panel.add(lblNewLabel_6, gbc_lblNewLabel_6);
263
264 textField_6 = new JTextField();
265 lblNewLabel_6.setLabelFor(textField_6);
266 textField_6.setToolTipText("Samo brojevi tacno 13 cifara.");
267 GridBagConstraints gbc_textField_6 = new GridBagConstraints();
268 gbc_textField_6.insets = new Insets(0, 0, 5, 0);
269 gbc_textField_6.fill = GridBagConstraints.HORIZONTAL;
270 gbc_textField_6.gridx = 4;
271 gbc_textField_6.gridy = 6;
272 panel.add(textField_6, gbc_textField_6);
273 textField_6.setColumns(10);
274
275 JLabel lblNewLabel_7 = new JLabel("Telefon");
276 lblNewLabel_7.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
277 lblNewLabel_7.setToolTipText("Unesite telefon korisnika");
278 GridBagConstraints gbc_lblNewLabel_7 = new GridBagConstraints();
279 gbc_lblNewLabel_7.gridwidth = 4;
280 gbc_lblNewLabel_7.insets = new Insets(0, 0, 5, 5);
281 gbc_lblNewLabel_7.gridx = 0;
282 gbc_lblNewLabel_7.gridy = 7;
283 panel.add(lblNewLabel_7, gbc_lblNewLabel_7);
284
285 textField_7 = new JTextField();
286 lblNewLabel_7.setLabelFor(textField_7);
287 GridBagConstraints gbc_textField_7 = new GridBagConstraints();
288 gbc_textField_7.insets = new Insets(0, 0, 5, 0);
289 gbc_textField_7.fill = GridBagConstraints.HORIZONTAL;
290 gbc_textField_7.gridx = 4;
291 gbc_textField_7.gridy = 7;
292 panel.add(textField_7, gbc_textField_7);
293 textField_7.setColumns(10);
294
295 JLabel lblNewLabel_8 = new JLabel("Adresa");
296 lblNewLabel_8.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
297 lblNewLabel_8.setToolTipText("Unesite adresu korisnika");
298 GridBagConstraints gbc_lblNewLabel_8 = new GridBagConstraints();
299 gbc_lblNewLabel_8.gridwidth = 4;
300 gbc_lblNewLabel_8.insets = new Insets(0, 0, 5, 5);
301 gbc_lblNewLabel_8.gridx = 0;
302 gbc_lblNewLabel_8.gridy = 8;
303 panel.add(lblNewLabel_8, gbc_lblNewLabel_8);
304
305 textField_8 = new JTextField();
306 lblNewLabel_8.setLabelFor(textField_8);

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307 GridBagConstraints gbc_textField_8 = new GridBagConstraints();
308 gbc_textField_8.insets = new Insets(0, 0, 5, 0);
309 gbc_textField_8.fill = GridBagConstraints.HORIZONTAL;
310 gbc_textField_8.gridx = 4;
311 gbc_textField_8.gridy = 8;
312 panel.add(textField_8, gbc_textField_8);
313 textField_8.setColumns(10);
314
315 JLabel lblNewLabel_9 = new JLabel("Datum");
316 lblNewLabel_9.setFont(new Font("MS Gothic", Font.BOLD | Font.ITALIC, 13));
317 lblNewLabel_9.setToolTipText("Datum u formatu \"dd.MM.yyyy.\"");
318 GridBagConstraints gbc_lblNewLabel_9 = new GridBagConstraints();
319 gbc_lblNewLabel_9.gridwidth = 4;
320 gbc_lblNewLabel_9.insets = new Insets(0, 0, 0, 5);
321 gbc_lblNewLabel_9.gridx = 0;
322 gbc_lblNewLabel_9.gridy = 9;
323 panel.add(lblNewLabel_9, gbc_lblNewLabel_9);
324
325 textField_9 = new JTextField();
326 lblNewLabel_9.setLabelFor(textField_9);
327 GridBagConstraints gbc_textField_9 = new GridBagConstraints();
328 gbc_textField_9.fill = GridBagConstraints.HORIZONTAL;
329 gbc_textField_9.gridx = 4;
330 gbc_textField_9.gridy = 9;
331 panel.add(textField_9, gbc_textField_9);
332 textField_9.setColumns(10);
333
334 lblLABELKRANJA = new JLabel(" The Answer");
335 lblLABELKRANJA.setIcon(new
ImageIcon(FrameX.class.getResource("/javax/swing/plaf/basic/icons/JavaCup16.png")));
336 lblLABELKRANJA.setToolTipText("prikazuje razlicite poruke iz koda na osnovu
kliknute operacije");
337 lblLABELKRANJA.setHorizontalAlignment(SwingConstants.LEFT);
338 lblLABELKRANJA.setBounds(10, 398, 531, 46);
339 frmZubarskaOrdinacijaCandir.getContentPane().add(lblLABELKRANJA);
340
341 Panel panel_1 = new Panel();
342 panel_1.setBackground(new Color(60, 179, 113));
343 panel_1.setBounds(10, 261, 174, 141);
344 frmZubarskaOrdinacijaCandir.getContentPane().add(panel_1);
345 GridBagLayout gbl_panel_1 = new GridBagLayout();
346 gbl_panel_1.columnWidths = new int[]{0, 0};
347 gbl_panel_1.rowHeights = new int[]{0, 0, 0, 0, 0};
348 gbl_panel_1.columnWeights = new double[]{1.0, Double.MIN_VALUE};
349 gbl_panel_1.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, Double.MIN_VALUE};
350 panel_1.setLayout(gbl_panel_1);
351
352 JButton btnUnosPodataka = new JButton("Unos podataka pacijenta");
353 btnUnosPodataka.setFont(new Font("MS Gothic", Font.ITALIC, 12));
354 GridBagConstraints gbc_btnUnosPodataka = new GridBagConstraints();
355 gbc_btnUnosPodataka.fill = GridBagConstraints.HORIZONTAL;
356 gbc_btnUnosPodataka.insets = new Insets(0, 0, 5, 0);
357 gbc_btnUnosPodataka.gridx = 0;
358 gbc_btnUnosPodataka.gridy = 0;
359 panel_1.add(btnUnosPodataka, gbc_btnUnosPodataka);
360 btnUnosPodataka.setToolTipText("Unos podataka novog pacijenta u listu iz gornje
tabele.");
361
362 JButton btnNewButton = new JButton("Izmena pacijenta ID");
363 btnNewButton.setFont(new Font("MS Gothic", Font.ITALIC, 12));
364 btnNewButton.setToolTipText("Izmena podataka pacijenta na osnovu Identifikacionig
kartona, ako se ID ne nalazi u listi podataka izmena se nemoze uraditi.");

```



```

365 btnNewButton.addActionListener(new ActionListener() {
366     public void actionPerformed(ActionEvent arg0) {
367
368         firma.load("pacijenti.txt");
369
370         String id = null;
371
372         System.out.println("Unesite broj kartona pacijenta. (samo cifre)");
373         id = textField_0.getText();
374
375         if (Mwain.isNumber(id) == true) {
376
377             int idC = Integer.parseInt(id);
378
379             System.out.println("Ime pacijenta: ");
380             String ime = textField_1.getText();
381             System.out.println("Prezime pacijenta: ");
382             String prezime = textField_2.getText();
383             System.out.println("Alergije pacijenta: ");
384             String alergije = textField_3.getText();
385             System.out.println("Hronicna oboljenja: ");
386             String oboljenja = textField_4.getText();
387             System.out.println("Godiste pacijenta: ");
388             String godiste = textField_5.getText();
389
390             String telefon = null;
391             telefon = textField_7.getText();
392             System.out.println("Unesite telefon pacijenta: ");
393
394             if (Mwain.isNumber(telefon)== true) {
395
396
397
398                 int telefonC = Integer.parseInt(telefon);
399
400                 System.out.println("Adresa pacijenta: ");
401                 String adresa = textField_8.getText();
402
403                 String datum = null;
404
405                 System.out.println("Unesite datum u formatu dd.MM.yyyy.");
406                 datum = textField_9.getText();
407
408                 if (Mwain.isDate(datum)==true) {
409
410
411                     LocalDate datumC = LocalDate.parse(datum, Mwain.dtf);
412
413
414                     String jmbg = null;
415
416                     System.out.println("Jmbg korisnika: ");
417                     jmbg = textField_6.getText();
418                     String jmbgC = jmbg;
419
420
421                     if (Mwain.isIDValid(jmbg) == true) {
422
423                         UClass userClass = new UClass(idC, ime, prezime,
424                             alergije, oboljenja,
425                             godiste, jmbgC, telefonC, adresa, datumC);

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426         UserClass userClass2 = firma.izmenaKorisnika(userClass);
427
428         if (userClass2 != null) {
429             JOptionPane.showMessageDialog(null, "Pacijent je
430 uspesno izmenjen u listi.", "Operacija uspesno izvrшена. !", 1);
431             lblLABELKRANJA.setText("Uspesan unos podataka.");
432         }else {
433             JOptionPane.showMessageDialog(null, "Pacijent nije
434 uspesno izmenjen u listi proverite identifikacioni broj.", "GRESKA PRI UNOSU !", 1);
435             lblLABELKRANJA.setText("Ne uspesan unos podataka
436 proverite vrednosti.");
437         }
438     }else {
439         JOptionPane.showMessageDialog(null, "JMBG mora biti samo
440 broj i tacno 13 cifara, pokusajte ponovo.", "GRESKA PRI UNOSU !", 1);
441     }
442 }else {
443     JOptionPane.showMessageDialog(null, "Ovaj podatak mora biti
444 datum u formatu dd.MM.yyyy. npr (04.04.2000.) .", "GRESKA PRI UNOSU !", 1);
445 }
446 }else {
447     JOptionPane.showMessageDialog(null, "Ovaj podatak moze biti samo
448 broj.", "GRESKA PRI UNOSU !", 1);
449 }
450 }else {
451     JOptionPane.showMessageDialog(null, "Ovaj podatak moze biti samo broj,
452 i mora prethodno postojati pri izmeni.", "GRESKA PRI UNOSU !", 1);
453 }
454 }
455 });
456 GridBagConstraints gbc_btnNewButton = new GridBagConstraints();
457 gbc_btnNewButton.fill = GridBagConstraints.HORIZONTAL;
458 gbc_btnNewButton.insets = new Insets(0, 0, 5, 0);
459 gbc_btnNewButton.gridx = 0;
460 gbc_btnNewButton.gridy = 1;
461 panel_1.add(btnNewButton, gbc_btnNewButton);
462
463 JButton btnIzmenaPIme = new JButton("Izmena p Ime & Prezime");
464 btnIzmenaPIme.setFont(new Font("MS Gothic", Font.ITALIC, 12));
465 btnIzmenaPIme.addActionListener(new ActionListener() {
466     public void actionPerformed(ActionEvent e) {
467
468         firma.load("pacijenti.txt");
469
470         String id = null;
471
472         System.out.println("Unesite broj kartona pacijenta. (samo cifre)");
473         id = textField_0.getText();
474
475         if (Mwain.isNumber(id) == true) {
476
477             int idC = Integer.parseInt(id);
478
479             System.out.println("Ime pacijenta: ");
480             String ime = textField_1.getText().trim();

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481      System.out.println("Prezime pacijenta: ");
482      String prezime = textField_2.getText().trim();
483      System.out.println("Alergije pacijenta: ");
484      String alergije = textField_3.getText();
485      System.out.println("Hronicna oboljenja: ");
486      String oboljenja = textField_4.getText();
487      System.out.println("Godiste pacijenta: ");
488      String godiste = textField_5.getText();
489
490      String telefon = null;
491      telefon = textField_7.getText();
492      System.out.println("Unesite telefon pacijenta: ");
493
494      if (Mwain.isNumber(telefon)== true) {
495
496
497
498          int telefonC = Integer.parseInt(telefon);
499
500          System.out.println("Adresa pacijenta: ");
501          String adresa = textField_8.getText();
502
503          String datum = null;
504
505          System.out.println("Unesite datum u formatu dd.MM.yyyy.");
506          datum = textField_9.getText();
507
508          if (Mwain.isDate(datum)==true) {
509
510
511              LocalDate datumC = LocalDate.parse(datum, Mwain.dtf);
512
513
514              String jmbg = null;
515
516              System.out.println("Jmbg korisnika: ");
517              jmbg = textField_6.getText();
518              String jmbgC = jmbg;
519
520
521              if (Mwain.isIDValid(jmbg) == true) {
522
523                  UClass userClass = new UClass(idC, ime, prezime,
524                      alergije, oboljenja,
525                          godiste, jmbgC, telefonC, adresa, datumC);
526
527                  UClass userClass2 = firma.izmenaKorisnika2(userClass);
528
529                  if (userClass2 != null) {
530                      JOptionPane.showMessageDialog(null, "Pacijent je
531                      uspesno izmenjen u listi.", "Operacija uspesno izvrшена. !", 1);
532                      lblLABELKRANJA.setText("Uspesan unos podataka.");
533                      }else {
534                          JOptionPane.showMessageDialog(null, "Pacijent nije
535                          uspesno izmenjen u listi proverite ime i prezime.", "GRESKA PRI UNOSU !", 1);
536                          lblLABELKRANJA.setText("Ne uspesan unos podataka
537                          proverite vrednosti.");
538                      }
539
540                  }else {
541                      JOptionPane.showMessageDialog(null, "JMBG mora biti samo
542                      broj i tacno 13 cifara, pokusajte ponovo.", "GRESKA PRI UNOSU !", 1);

```

```

538         }
539
540
541         }else {
542             JOptionPane.showMessageDialog(null, "Ovaj podatak mora biti
datum u formatu dd.MM.yyyy. npr (04.04.2000.) .", "GRESKA PRI UNOSU !", 1);
543         }
544
545         }else {
546             JOptionPane.showMessageDialog(null, "Ovaj podatak moze biti samo
broj.", "GRESKA PRI UNOSU !", 1);
547         }
548
549
550         }else {
551             JOptionPane.showMessageDialog(null, "Ovaj podatak moze biti samo broj,
i mora prethodno postojati pri izmeni.", "GRESKA PRI UNOSU !", 1);
552         }
553
554     }
555 });
556 btnIzmenaPIme.setToolTipText("Izmena pacijenta na osnovu njegovog imena i
prezimenaa, ako je ime i prezime isto kao ono sto se nalazi u listi korisnik ce se
izmeniti, razmak i mala i velika slova nisu bitna program to sam resava.");
557 GridBagConstraints gbc_btnIzmenaPIme = new GridBagConstraints();
558 gbc_btnIzmenaPIme.fill = GridBagConstraints.HORIZONTAL;
559 gbc_btnIzmenaPIme.insets = new Insets(0, 0, 5, 0);
560 gbc_btnIzmenaPIme.gridx = 0;
561 gbc_btnIzmenaPIme.gridy = 2;
562 panel_1.add(btnIzmenaPIme, gbc_btnIzmenaPIme);
563
564 JButton btnBrisanjePacijentaId = new JButton("Brisanje pacijenta ID");
565 btnBrisanjePacijentaId.setFont(new Font("MS Gothic", Font.ITALIC, 12));
566 btnBrisanjePacijentaId.addActionListener(new ActionListener() {
567     public void actionPerformed(ActionEvent e) {
568
569         firma.load("pacijenti.txt");
570
571         String idX = null;
572         idX = textField_0.getText();
573
574
575         if (Mwain.isNumber(idX)) {
576             int id = Integer.parseInt(idX);
577             UClass provera = firma.korisnikBrisanjeID(id);
578             if (provera == null) {
579                 JOptionPane.showMessageDialog(null, "Zadati broj ne postoji u
listi", "GRESKA PRI UNOSU !", 1);
580                 lblLABELKRANJA.setText("Neuspesna Operacija.");
581             }else {
582                 JOptionPane.showMessageDialog(null, "Brisanje preko ID je uspesno
uradjeno", "Ok operacija izvrшена.", 1);
583                 lblLABELKRANJA.setText("Uspesno uradjena operacija. ");
584             }
585
586         }else {
587             JOptionPane.showMessageDialog(null, "Morate uneti validan broj.",
"GRESKA PRI UNOSU !", 1);
588         }
589     }
590 }
591 });

```

```

592     btnBrisanjePacijentaId.setToolTipText("Brisanje jedne instance pacijenta preko
identifikatora (Broj kartona) koji mu se poklapa.");
593     GridBagConstraints gbc_btnBrisanjePacijentaId = new GridBagConstraints();
594     gbc_btnBrisanjePacijentaId.fill = GridBagConstraints.HORIZONTAL;
595     gbc_btnBrisanjePacijentaId.gridx = 0;
596     gbc_btnBrisanjePacijentaId.gridy = 3;
597     panel_1.add(btnBrisanjePacijentaId, gbc_btnBrisanjePacijentaId);
598
599     JButton btnInfoButton = new JButton("info");
600     btnInfoButton.addActionListener(new ActionListener() {
601         public void actionPerformed(ActionEvent e) {
602             JOptionPane.showMessageDialog(null, "Contact Marko 0642706010 if issues
arise, or if you want additional functions.", "Made by Marko Dunovic.", 1);
603         }
604     });
605     btnInfoButton.setToolTipText("Who to contact about issues with the program, or
upgrades :)");
606     btnInfoButton.setBounds(817, 419, 64, 25);
607     frmZubarskaOrdinacijaCandir.getContentPane().add(btnInfoButton);
608
609     Panel panel_2 = new Panel();
610     panel_2.setBackground(new Color(60, 179, 113));
611     panel_2.setBounds(239, 261, 252, 141);
612     frmZubarskaOrdinacijaCandir.getContentPane().add(panel_2);
613     GridBagLayout gbl_panel_2 = new GridBagLayout();
614     gbl_panel_2.columnWidths = new int[]{0, 0, 0};
615     gbl_panel_2.rowHeights = new int[]{0, 0, 0, 0, 0, 0};
616     gbl_panel_2.columnWeights = new double[]{1.0, 1.0, Double.MIN_VALUE};
617     gbl_panel_2.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, 0.0, Double.MIN_VALUE};
618     panel_2.setLayout(gbl_panel_2);
619
620     JButton btnNewButton_1 = new JButton("Lista Svih");
621     btnNewButton_1.setFont(new Font("MS Gothic", Font.ITALIC, 12));
622     btnNewButton_1.setToolTipText("Lista svih unetih korisnika.");
623     btnNewButton_1.addActionListener(new ActionListener() {
624         public void actionPerformed(ActionEvent arg0) {
625             Console console = new Console();
626             console.init();
627             firma.lstKorisnika();
628         }
629     });
630     GridBagConstraints gbc_btnNewButton_1 = new GridBagConstraints();
631     gbc_btnNewButton_1.fill = GridBagConstraints.HORIZONTAL;
632     gbc_btnNewButton_1.insets = new Insets(0, 0, 5, 5);
633     gbc_btnNewButton_1.gridx = 0;
634     gbc_btnNewButton_1.gridy = 0;
635     panel_2.add(btnNewButton_1, gbc_btnNewButton_1);
636
637     JButton btnNewButton_2 = new JButton("Lista ID");
638     btnNewButton_2.setFont(new Font("MS Gothic", Font.ITALIC, 12));
639     btnNewButton_2.addActionListener(new ActionListener() {
640         public void actionPerformed(ActionEvent arg0) {
641             String Id = textField_0.getText().trim();
642
643             if (Mwain.isNumber(Id)== true) {
644
645                 Console console = new Console();
646                 console.init();
647                 int idX = Integer.parseInt(Id);
648                 firma.lstKorisnikaID(idX);
649             } else {
650

```

```

651             JOptionPane.showMessageDialog(null, "Ovo mora biti broj, bez decimala
        !", "GRESKA PRI UNOSU !", 1);
652     }
653
654
655     }
656 });
657
658 JButton btnNullFrame = new JButton("Null Frame");
659 btnNullFrame.addActionListener(new ActionListener() {
660     public void actionPerformed(ActionEvent e) {
661
662         JOptionPane.showMessageDialog(null, "Ovo dugme neradi nista ostavljeno je
        zbog poravnavanja tabela.", "The Help Me BUTTON :)", 1);
663         lblLABELKRANJA.setText("You have been helped.");
664     }
665 });
666 btnNullFrame.setToolTipText("Extra frame ostavljen zbog poravnanja tabela neradi
        nista.");
667 btnNullFrame.setFont(new Font("MS Gothic", Font.ITALIC, 12));
668 GridBagConstraints gbc_btnNullFrame = new GridBagConstraints();
669 gbc_btnNullFrame.fill = GridBagConstraints.HORIZONTAL;
670 gbc_btnNullFrame.insets = new Insets(0, 0, 5, 0);
671 gbc_btnNullFrame.gridx = 1;
672 gbc_btnNullFrame.gridy = 0;
673 panel_2.add(btnNullFrame, gbc_btnNullFrame);
674 btnNewButton_2.setToolTipText("Prikaz jedne instance podataka na osnovu
        identifikatora ID(broja kartona).");
675 GridBagConstraints gbc_btnNewButton_2 = new GridBagConstraints();
676 gbc_btnNewButton_2.fill = GridBagConstraints.HORIZONTAL;
677 gbc_btnNewButton_2.insets = new Insets(0, 0, 5, 5);
678 gbc_btnNewButton_2.gridx = 0;
679 gbc_btnNewButton_2.gridy = 1;
680 panel_2.add(btnNewButton_2, gbc_btnNewButton_2);
681
682 JButton btnNewButton_7 = new JButton("Rs Frame 3");
683 btnNewButton_7.setFont(new Font("MS Gothic", Font.ITALIC, 12));
684 btnNewButton_7.addActionListener(new ActionListener() {
685     public void actionPerformed(ActionEvent e) {
686
687         RadnaStolicaFrame3 rsFrame = new RadnaStolicaFrame3();
688         rsFrame.setVisible(true);
689         rsFrame.setResizable(false);
690
691     }
692 });
693 btnNewButton_7.setToolTipText("Radna Stolica 3 prozor ce se otvoriti kada se
        pritisne dugme.");
694 GridBagConstraints gbc_btnNewButton_7 = new GridBagConstraints();
695 gbc_btnNewButton_7.fill = GridBagConstraints.HORIZONTAL;
696 gbc_btnNewButton_7.insets = new Insets(0, 0, 5, 0);
697 gbc_btnNewButton_7.gridx = 1;
698 gbc_btnNewButton_7.gridy = 1;
699 panel_2.add(btnNewButton_7, gbc_btnNewButton_7);
700
701 JButton btnNewButton_3 = new JButton("Lista Ime&Prezime");
702 btnNewButton_3.setFont(new Font("MS Gothic", Font.ITALIC, 12));
703 btnNewButton_3.addActionListener(new ActionListener() {
704     public void actionPerformed(ActionEvent arg0) {
705
706         Console console = new Console();
707         console.init();

```

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```

708         String ime = textField_1.getText().trim();
709         String prezime = textField_2.getText().trim();
710
711         firma.lstKorisnikaImePrezime(ime, prezime);
712     }
713 });
714 GridBagConstraints gbc_btnNewButton_3 = new GridBagConstraints();
715 gbc_btnNewButton_3.fill = GridBagConstraints.HORIZONTAL;
716 gbc_btnNewButton_3.insets = new Insets(0, 0, 5, 5);
717 gbc_btnNewButton_3.gridx = 0;
718 gbc_btnNewButton_3.gridy = 2;
719 panel_2.add(btnNewButton_3, gbc_btnNewButton_3);
720
721 JButton btnNewButton_4 = new JButton("Cene Frame");
722 btnNewButton_4.setFont(new Font("MS Gothic", Font.ITALIC, 12));
723 btnNewButton_4.setToolTipText("Prozor za unos i listanje cena ce se otvoriti kada
se dugme pritisne.");
724 btnNewButton_4.addActionListener(new ActionListener() {
725     public void actionPerformed(ActionEvent arg0) {
726
727         //frmZubarskaOrdinacijaCandir.dispose();
728         CenaFrame cenaFrame = new CenaFrame();
729         cenaFrame.setVisible(true);
730
731     }
732 });
733
734 JButton btnNewButton_6 = new JButton("Rs Frame 2");
735 btnNewButton_6.setFont(new Font("MS Gothic", Font.ITALIC, 12));
736 btnNewButton_6.addActionListener(new ActionListener() {
737     public void actionPerformed(ActionEvent e) {
738
739         RadnaStolicaFrame2 rsFrame = new RadnaStolicaFrame2();
740         rsFrame.setVisible(true);
741         rsFrame.setResizable(false);
742
743     }
744 });
745 btnNewButton_6.setToolTipText("Radna Stolica 2 prozor ce se otvoriti kada se
pritisne dugme.");
746 GridBagConstraints gbc_btnNewButton_6 = new GridBagConstraints();
747 gbc_btnNewButton_6.fill = GridBagConstraints.HORIZONTAL;
748 gbc_btnNewButton_6.insets = new Insets(0, 0, 5, 0);
749 gbc_btnNewButton_6.gridx = 1;
750 gbc_btnNewButton_6.gridy = 2;
751 panel_2.add(btnNewButton_6, gbc_btnNewButton_6);
752 GridBagConstraints gbc_btnNewButton_4 = new GridBagConstraints();
753 gbc_btnNewButton_4.fill = GridBagConstraints.HORIZONTAL;
754 gbc_btnNewButton_4.insets = new Insets(0, 0, 5, 5);
755 gbc_btnNewButton_4.gridx = 0;
756 gbc_btnNewButton_4.gridy = 3;
757 panel_2.add(btnNewButton_4, gbc_btnNewButton_4);
758
759 JButton btnNewButton_5 = new JButton("Rs Frame 1");
760 btnNewButton_5.setFont(new Font("MS Gothic", Font.ITALIC, 12));
761 btnNewButton_5.setToolTipText("Radna Stolica 1 prozor ce se otvoriti kada se
pritisne dugme.");
762 btnNewButton_5.addActionListener(new ActionListener() {
763     public void actionPerformed(ActionEvent e) {
764
765         //frmZubarskaOrdinacijaCandir.dispose();
766         RadnaStolicaFrame rsFrame = new RadnaStolicaFrame();

```

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```

767         rsFrame.setVisible(true);
768         rsFrame.setResizable(false);
769     }
770 });
771 GridBagConstraints gbc_btnNewButton_5 = new GridBagConstraints();
772 gbc_btnNewButton_5.insets = new Insets(0, 0, 5, 0);
773 gbc_btnNewButton_5.fill = GridBagConstraints.HORIZONTAL;
774 gbc_btnNewButton_5.gridx = 1;
775 gbc_btnNewButton_5.gridy = 3;
776 panel_2.add(btnNewButton_5, gbc_btnNewButton_5);
777
778 JButton btnTermini = new JButton("Termini");
779 btnTermini.addActionListener(new ActionListener() {
780     public void actionPerformed(ActionEvent e) {
781
782         Termini termini = new Termini();
783         termini.setVisible(true);
784         termini.setResizable(false);
785     }
786 });
787 btnTermini.setToolTipText("Unos termina pacijenata");
788 btnTermini.setFont(new Font("MS Gothic", Font.ITALIC, 12));
789 GridBagConstraints gbc_btnTermini = new GridBagConstraints();
790 gbc_btnTermini.fill = GridBagConstraints.HORIZONTAL;
791 gbc_btnTermini.gridx = 1;
792 gbc_btnTermini.gridy = 4;
793 panel_2.add(btnTermini, gbc_btnTermini);
794 JLabel lblNewLabel_10 = new JLabel("");
795 Image img2 = new
796 ImageIcon(this.getClass().getResource("/dentistX.gif")).getImage(); // this code is
797 usefull copy it latter
798 lblNewLabel_10.setIcon(new ImageIcon(img2));
799 lblNewLabel_10.setBounds(547, 10, 334, 245);
800 frmZubarskaOrdinacijaCandir.getContentPane().add(lblNewLabel_10);
801 Panel panel_3 = new Panel();
802 panel_3.setBackground(new Color(60, 179, 113));
803 panel_3.setBounds(190, 261, 43, 141);
804 frmZubarskaOrdinacijaCandir.getContentPane().add(panel_3);
805 GridBagLayout gbl_panel_3 = new GridBagLayout();
806 gbl_panel_3.columnWidths = new int[]{0, 0};
807 gbl_panel_3.rowHeights = new int[]{0, 0, 0, 0, 0};
808 gbl_panel_3.columnWeights = new double[]{1.0, Double.MIN_VALUE};
809 gbl_panel_3.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, Double.MIN_VALUE};
810 panel_3.setLayout(gbl_panel_3);
811
812 JButton btnNewButton_9 = new JButton("?");
813 btnNewButton_9.setFont(new Font("MS Gothic", Font.ITALIC, 12));
814 btnNewButton_9.addActionListener(new ActionListener() {
815     public void actionPerformed(ActionEvent e) {
816         JOptionPane.showMessageDialog(null, "Opcija 1 - Unos podataka pacijenta
817         ocekuj sve podatke da su uneti u tabelu iznad !", "The Help Me BUTTON :", 1);
818         JOptionPane.showMessageDialog(null, "Opcija 2 - Lista svih podataka sa
819         desne strane ne ocekuj nista da je uneto !", "The Help Me BUTTON :", 1);
820         lblLABELKRANJA.setText("You have been helped.");
821     }
822 });
823 GridBagConstraints gbc_btnNewButton_9 = new GridBagConstraints();
824 gbc_btnNewButton_9.fill = GridBagConstraints.HORIZONTAL;
825 gbc_btnNewButton_9.insets = new Insets(0, 0, 5, 0);
826 gbc_btnNewButton_9.gridx = 0;

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```

825     gbc_btnNewButton_9.gridy = 0;
826     panel_3.add(btnNewButton_9, gbc_btnNewButton_9);
827
828     JButton btnNewButton_10 = new JButton("?");
829     btnNewButton_10.setFont(new Font("MS Gothic", Font.ITALIC, 12));
830     btnNewButton_10.addActionListener(new ActionListener() {
831         public void actionPerformed(ActionEvent e) {
832
833             JOptionPane.showMessageDialog(null, "Opcija 1 - Izmena podataka pacijenta
preko ID ocekujesve podatke da su uneti u tabelu iznad !", "The Help Me BUTTON :)", 1);
834             JOptionPane.showMessageDialog(null, "Opcija 2 - Pretraga liste preko ID
zahteva unos ID u polje tabele iznad (Identifikacioni karton) samo broj bez decimala!",
"The Help Me BUTTON :)", 1);
835             lblLABELKRANJA.setText("You have been helped.");
836
837         }
838     });
839     GridBagConstraints gbc_btnNewButton_10 = new GridBagConstraints();
840     gbc_btnNewButton_10.fill = GridBagConstraints.HORIZONTAL;
841     gbc_btnNewButton_10.insets = new Insets(0, 0, 5, 0);
842     gbc_btnNewButton_10.gridx = 0;
843     gbc_btnNewButton_10.gridy = 1;
844     panel_3.add(btnNewButton_10, gbc_btnNewButton_10);
845
846     JButton btnNewButton_11 = new JButton("?");
847     btnNewButton_11.setFont(new Font("MS Gothic", Font.ITALIC, 12));
848     btnNewButton_11.addActionListener(new ActionListener() {
849         public void actionPerformed(ActionEvent e) {
850
851             JOptionPane.showMessageDialog(null, "Opcija 1 - Izmena podataka pacijenta
preko imena i prezimena ocekujesve podatke da su uneti u tabelu iznad !", "The Help Me
BUTTON :)", 1);
852             JOptionPane.showMessageDialog(null, "Opcija 2 - Pretraga liste preko imena
i prezimena ocekujesve ime i prezime u tabeli program je caseInsensitive mala i velika slova
su nebitna !", "The Help Me BUTTON :)", 1);
853             lblLABELKRANJA.setText("You have been helped.");
854
855         }
856     });
857     GridBagConstraints gbc_btnNewButton_11 = new GridBagConstraints();
858     gbc_btnNewButton_11.fill = GridBagConstraints.HORIZONTAL;
859     gbc_btnNewButton_11.insets = new Insets(0, 0, 5, 0);
860     gbc_btnNewButton_11.gridx = 0;
861     gbc_btnNewButton_11.gridy = 2;
862     panel_3.add(btnNewButton_11, gbc_btnNewButton_11);
863
864     JButton btnNewButton_12 = new JButton("?");
865     btnNewButton_12.setFont(new Font("MS Gothic", Font.ITALIC, 12));
866     btnNewButton_12.addActionListener(new ActionListener() {
867         public void actionPerformed(ActionEvent e) {
868
869             JOptionPane.showMessageDialog(null, "Opcija 1 - Ocekujesve ID u tabeli iznad
preko koga ce traziti i brisati jednu instancu podataka koja se poklapa !", "The Help Me
BUTTON :)", 1);
870             JOptionPane.showMessageDialog(null, "Opcija 2 - Otvara prozor koji radi sa
cenama, ne ocekujesve nista.", "The Help Me BUTTON :)", 1);
871             lblLABELKRANJA.setText("You have been helped.");
872
873         }
874     });
875     GridBagConstraints gbc_btnNewButton_12 = new GridBagConstraints();
876     gbc_btnNewButton_12.fill = GridBagConstraints.HORIZONTAL;

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877     gbc_btnNewButton_12.gridx = 0;
878     gbc_btnNewButton_12.gridy = 3;
879     panel_3.add(btnNewButton_12, gbc_btnNewButton_12);
880
881     Panel panel_4 = new Panel();
882     panel_4.setBackground(new Color(60, 179, 113));
883     panel_4.setBounds(498, 261, 43, 141);
884     frmZubarskaOrdinacijaCandir.getContentPane().add(panel_4);
885     GridBagLayout gbl_panel_4 = new GridBagLayout();
886     gbl_panel_4.columnWidths = new int[]{0, 0};
887     gbl_panel_4.rowHeights = new int[]{0, 0, 0, 0, 0};
888     gbl_panel_4.columnWeights = new double[]{1.0, Double.MIN_VALUE};
889     gbl_panel_4.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, Double.MIN_VALUE};
890     panel_4.setLayout(gbl_panel_4);
891
892     JButton button_1 = new JButton("?");
893     button_1.setFont(new Font("MS Gothic", Font.ITALIC, 12));
894     button_1.addActionListener(new ActionListener() {
895         public void actionPerformed(ActionEvent e) {
896
897             JOptionPane.showMessageDialog(null, "Otvara prozor za radnu stolicu 3 u
koju se mogu unosti podaci i listati pacijenti !", "The Help Me BUTTON :", 1);
898             lblLABELKRANJA.setText("You have been helped.");
899         }
900     });
901
902     JButton button = new JButton("?");
903     button.addActionListener(new ActionListener() {
904         public void actionPerformed(ActionEvent e) {
905             JOptionPane.showMessageDialog(null, "Levo polje je extra neradi nista.",
"The Help Me BUTTON :", 1);
906             lblLABELKRANJA.setText("You have been helped.");
907         }
908     });
909     button.setFont(new Font("MS Gothic", Font.ITALIC, 12));
910     GridBagConstraints gbc_button = new GridBagConstraints();
911     gbc_button.insets = new Insets(0, 0, 5, 0);
912     gbc_button.gridx = 0;
913     gbc_button.gridy = 0;
914     panel_4.add(button, gbc_button);
915     GridBagConstraints gbc_button_1 = new GridBagConstraints();
916     gbc_button_1.fill = GridBagConstraints.HORIZONTAL;
917     gbc_button_1.insets = new Insets(0, 0, 5, 0);
918     gbc_button_1.gridx = 0;
919     gbc_button_1.gridy = 1;
920     panel_4.add(button_1, gbc_button_1);
921
922     JButton button_2 = new JButton("?");
923     button_2.setFont(new Font("MS Gothic", Font.ITALIC, 12));
924     button_2.addActionListener(new ActionListener() {
925         public void actionPerformed(ActionEvent e) {
926             JOptionPane.showMessageDialog(null, "Otvara prozor za radnu stolicu 2 u
koju se mogu unosti podaci i listati pacijenti !", "The Help Me BUTTON :", 1);
927             lblLABELKRANJA.setText("You have been helped.");
928         }
929     });
930     GridBagConstraints gbc_button_2 = new GridBagConstraints();
931     gbc_button_2.fill = GridBagConstraints.HORIZONTAL;
932     gbc_button_2.insets = new Insets(0, 0, 5, 0);
933     gbc_button_2.gridx = 0;
934     gbc_button_2.gridy = 2;
935     panel_4.add(button_2, gbc_button_2);

```

```

936
937 JButton button_3 = new JButton("?");
938 button_3.setFont(new Font("MS Gothic", Font.ITALIC, 12));
939 button_3.addActionListener(new ActionListener() {
940     public void actionPerformed(ActionEvent e) {
941         JOptionPane.showMessageDialog(null, "Otvara prozor za radnu stolicu 1 u
koju se mogu unosti podaci i listati pacijenti !", "The Help Me BUTTON :)", 1);
942         lblLABELKRANJA.setText("You have been helped.");
943     }
944 });
945 button_3.setHorizontalAlignment(SwingConstants.LEFT);
946 GridBagConstraints gbc_button_3 = new GridBagConstraints();
947 gbc_button_3.fill = GridBagConstraints.HORIZONTAL;
948 gbc_button_3.gridx = 0;
949 gbc_button_3.gridy = 3;
950 panel_4.add(button_3, gbc_button_3);
951
952 Panel panel_5 = new Panel();
953 panel_5.setBackground(new Color(60, 179, 113));
954 panel_5.setBounds(547, 261, 166, 141);
955 frmZubarskaOrdinacijaCandir.getContentPane().add(panel_5);
956 GridBagLayout gbl_panel_5 = new GridBagLayout();
957 gbl_panel_5.columnWidths = new int[]{0, 0, 0};
958 gbl_panel_5.rowHeights = new int[]{0, 0, 0, 0, 0};
959 gbl_panel_5.columnWeights = new double[]{1.0, 1.0, Double.MIN_VALUE};
960 gbl_panel_5.rowWeights = new double[]{0.0, 0.0, 0.0, 0.0, 0.0, Double.MIN_VALUE};
961 panel_5.setLayout(gbl_panel_5);
962
963 JLabel lblHistorial = new JLabel("Istoriati");
964 lblHistorial.setToolTipText("Specijalna lista podataka koja se automatski generise
kada se unose podaci u Rs Frame 1 2 3.");
965 lblHistorial.setHorizontalAlignment(SwingConstants.CENTER);
966 lblHistorial.setFont(new Font("MS Gothic", Font.BOLD, 17));
967 GridBagConstraints gbc_lblHistorial = new GridBagConstraints();
968 gbc_lblHistorial.insets = new Insets(0, 0, 5, 5);
969 gbc_lblHistorial.gridx = 0;
970 gbc_lblHistorial.gridy = 0;
971 panel_5.add(lblHistorial, gbc_lblHistorial);
972
973 JButton btnNewButton_13 = new JButton("Lista");
974 btnNewButton_13.addActionListener(new ActionListener() {
975     public void actionPerformed(ActionEvent e) {
976         Console console = new Console();
977         console.init();
978         firma.lstIstoriati();
979     }
980 });
981 btnNewButton_13.setToolTipText("Lista svih unetih podataka.");
982 btnNewButton_13.setFont(new Font("MS Gothic", Font.ITALIC, 12));
983 GridBagConstraints gbc_btnNewButton_13 = new GridBagConstraints();
984 gbc_btnNewButton_13.fill = GridBagConstraints.HORIZONTAL;
985 gbc_btnNewButton_13.insets = new Insets(0, 0, 5, 5);
986 gbc_btnNewButton_13.gridx = 0;
987 gbc_btnNewButton_13.gridy = 1;
988 panel_5.add(btnNewButton_13, gbc_btnNewButton_13);
989
990 JButton btnNewButton_15 = new JButton("Pretraga Ime & Prez");
991 btnNewButton_15.addActionListener(new ActionListener() {
992     public void actionPerformed(ActionEvent e) {
993
994         String ime = textField_1.getText().trim();
995

```

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```

996         Console console = new Console();
997         console.init();
998
999         firma.lstIstoriatiMePrez1String(ime);
1000
1001
1002     }
1003 });
1004     btnNewButton_15.setToolTipText("Dugme ocekuj ime i prezime u polju za ime npr
\"marko markovic\" u polju ime ignorisite prezime.");
1005     btnNewButton_15.setFont(new Font("MS Gothic", Font.ITALIC, 12));
1006     GridBagConstraints gbc_btnNewButton_15 = new GridBagConstraints();
1007     gbc_btnNewButton_15.fill = GridBagConstraints.HORIZONTAL;
1008     gbc_btnNewButton_15.insets = new Insets(0, 0, 5, 5);
1009     gbc_btnNewButton_15.gridx = 0;
1010     gbc_btnNewButton_15.gridy = 2;
1011     panel_5.add(btnNewButton_15, gbc_btnNewButton_15);
1012
1013     JButton btnNewButton_17 = new JButton("Pretraga ID");
1014     btnNewButton_17.addActionListener(new ActionListener() {
1015         public void actionPerformed(ActionEvent e) {
1016
1017             String id = textField_0.getText().trim();
1018
1019             if (Mwain.isNumber(id)== true) {
1020
1021                 int IdX = Integer.parseInt(id);
1022                 Console console = new Console();
1023                 console.init();
1024
1025                 firma.lstIstoriatiIDString(IdX);
1026
1027             } else {
1028
1029                 JOptionPane.showMessageDialog(null, "Morate uneti broj u polje Broj
Kartona !", "The Help Me BUTTON :", 1);
1030                 lblLABELKRANJA.setText("You have been helped.");
1031             }
1032
1033         }
1034     });
1035 });
1036     btnNewButton_17.setToolTipText("Dugme identifikator broj operacije. Unesite u Broj
kartona polje.");
1037     btnNewButton_17.setFont(new Font("MS Gothic", Font.ITALIC, 12));
1038     GridBagConstraints gbc_btnNewButton_17 = new GridBagConstraints();
1039     gbc_btnNewButton_17.fill = GridBagConstraints.HORIZONTAL;
1040     gbc_btnNewButton_17.insets = new Insets(0, 0, 5, 5);
1041     gbc_btnNewButton_17.gridx = 0;
1042     gbc_btnNewButton_17.gridy = 3;
1043     panel_5.add(btnNewButton_17, gbc_btnNewButton_17);
1044
1045     JButton btnBrisanjeId = new JButton("Brisanje ID");
1046     btnBrisanjeId.addActionListener(new ActionListener() {
1047         public void actionPerformed(ActionEvent e) {
1048
1049             String id = textField_0.getText().trim();
1050             if (Mwain.isNumber(id)== true) {
1051
1052                 int IdX = Integer.parseInt(id);
1053                 //Console console = new Console();
1054                 //console.init();

```

```

1055
1056         firma.brisanjeIstoriataIDString(IdX);
1057
1058     } else {
1059
1060         JOptionPane.showMessageDialog(null, "Morate uneti broj u polje Broj
Kartona !", "The Help Me BUTTON :)", 1);
1061         lblLABELKRANJA.setText("You have been helped.");
1062
1063     }
1064
1065 }
1066 });
1067 btnBrisanjeId.setToolTipText("Dugme ocekuje identifikator za pretragu i
brisanje.");
1068 btnBrisanjeId.setFont(new Font("MS Gothic", Font.ITALIC, 12));
1069 GridBagConstraints gbc_btnBrisanjeId = new GridBagConstraints();
1070 gbc_btnBrisanjeId.fill = GridBagConstraints.HORIZONTAL;
1071 gbc_btnBrisanjeId.insets = new Insets(0, 0, 0, 5);
1072 gbc_btnBrisanjeId.gridx = 0;
1073 gbc_btnBrisanjeId.gridy = 4;
1074 panel_5.add(btnBrisanjeId, gbc_btnBrisanjeId);
1075
1076 JLabel lblNewLabel_11 = new JLabel("");
1077 Image img4 = new ImageIcon(this.getClass().getResource("/CogsX.gif")).getImage();
// this code is usefull copy it latter
1078 lblNewLabel_11.setIcon(new ImageIcon(img4));
1079 lblNewLabel_11.setBounds(719, 261, 162, 141);
1080 frmZubarskaOrdinacijaCandir.getContentPane().add(lblNewLabel_11);
1081 btnUnosPodataka.addActionListener(new ActionListener() {
1082     public void actionPerformed(ActionEvent arg0) {
1083
1084         firma.load("pacijenti.txt");
1085
1086         String id = null;
1087
1088         System.out.println("Unesite broj kartona pacijenta. (samo cifre)");
1089         id = textField_0.getText();
1090
1091         if (Mwain.isNumber(id) == true) {
1092
1093             int idC = Integer.parseInt(id);
1094
1095             System.out.println("Ime pacijenta: ");
1096             String ime = textField_1.getText();
1097             System.out.println("Prezime pacijenta: ");
1098             String prezime = textField_2.getText();
1099             System.out.println("Alergije pacijenta: ");
1100             String alergije = textField_3.getText();
1101             System.out.println("Hronicna oboljenja: ");
1102             String oboljenja = textField_4.getText();
1103             System.out.println("Godiste pacijenta: ");
1104             String godiste = textField_5.getText();
1105
1106             String telefon = null;
1107             telefon = textField_7.getText();
1108             System.out.println("Unesite telefon pacijenta: ");
1109
1110             if (Mwain.isNumber(telefon)== true) {
1111
1112
1113

```

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```

1114         int telefonC = Integer.parseInt(telefon);
1115
1116         System.out.println("Adresa pacijenta: ");
1117         String adresa = textField_8.getText();
1118
1119         String datum = null;
1120
1121         System.out.println("Unesite datum u formatu dd.MM.yyyy.");
1122         datum = textField_9.getText();
1123
1124         if (Mwain.isDate(datum)==true) {
1125
1126
1127             LocalDate datumC = LocalDate.parse(datum, Mwain.dtf);
1128
1129
1130             String jmbg = null;
1131
1132             System.out.println("Jmbg korisnika: ");
1133             jmbg = textField_6.getText();
1134             String jmbgC = jmbg;
1135
1136
1137             if (Mwain.isIDValid(jmbg) == true) {
1138
1139                 UClass userClass = new UClass(idC, ime, prezime,
1140 alergije, oboljenja,
1141                 godiste, jmbgC, telefonC, adresa, datumC);
1142
1143                 boolean provera = firma.dodavanjePacijenta(userClass);
1144                 if (provera) {
1145                     JOptionPane.showMessageDialog(null, "Pacijent je
1146 uspesno unet u listu.");
1147                     JOptionPane.showMessageDialog(null, "Pacijent je
1148 uspesno unet u listu.", "Operacija uspesno izvrшена.!", 1);
1149                     lblLABELKRANJA.setText("Uspesan unos podataka.");
1150                 }else {
1151                     JOptionPane.showMessageDialog(null, "Pacijent nije
1152 uspesno unet u listu.", "Operacija neuspesno izvrшена.!", 1);
1153                     JOptionPane.showMessageDialog(null, "Pacijent nije
1154 uspesno unet u listu.");
1155                     lblLABELKRANJA.setText("Ne uspesan unos podataka
1156 proverite vrednosti.");
1157                 }
1158             }else {
1159                 JOptionPane.showMessageDialog(null, "JMBG mora biti samo
1160 broj i tacno 13 cifara, pokušajte ponovo.", "GRESKA PRI UNOSU!", 1);
1161             }
1162         }else {
1163             JOptionPane.showMessageDialog(null, "Ovaj podatak mora biti
1164 datum u formatu dd.MM.yyyy. npr (04.04.2000.) .", "GRESKA PRI UNOSU!", 1);
1165         }
1166     }else {
1167         JOptionPane.showMessageDialog(null, "Ovaj podatak može biti samo
1168 broj.", "GRESKA PRI UNOSU!", 1);
1169     }
1170 }

```


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```
1167         }else {
1168             JOptionPane.showMessageDialog(null, "Ovaj podatak moze biti samo broj,
1169             i mora prethodno postojati pri izmeni.", "GRESKA PRI UNOSU !", 1);
1170         }
1171     }
1172     });
1173 }
1174 }
1175
```